Monsanto Customer Letters

William Papageorge

Deposition Exhibits

WBP M-87 - WBP M-147

3 of 5

(WBP M-123 - WBP M-131)

Paulson v. Monsanto

76150 / 1

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Monsanto PCB Customer Notification Letter Table
Notebook 3 Exhibits M-124 through M-131

Exhibit	Date	Description	Begin Bates	End Bates
WBP M-124, 124.2	01/31/72	Letter (Howard Bergen) re Pydraul & Mailing list	MCL001360	MCL001571
WBP M-124.1	2/22/72	Memo	MCL001361	
WBP M-124.3	5/9/73	Memo	MCL001571	
WBP M-125	02/04/72	Letter (Howard Bergen) to customers using PCB dielectric products in electrical switches, motors, and magnets.	MCL001572	MCL001584
WBP M-125.1	2/4/72	Memo	MCL001582	
WBP M-125.2	5/9/73	Memo	MCL001583	
WBP M-126	02/07/72	Letter (J.J. Roder) re Therminol	MCL001585	MCL001587
WBP M-126.1	8/10/71	Memo & mailing list	MCL001586	
WBP M-127 WBP M-127.1 WBP M-127.2	02/08/72. 02/10/02 02/22/02	Letter (T.L. Gossage) re discontinuing sales to transformer repair shops and top-up customers re no more direct sales and letter to manufacturers of transformers & capacitors advising them of the policy.	MCL001588	MCL001590
WBP M-128	2/8/1972	Letter (T.L. Gossage) to manufacturers of transforms and capacitors	MCL001591	MCL001594
WBP M-128.1	2/8/72	Memo	MCL001593	
WBP M-128.2	2/8/72	Memo	MCL001594	
WBP M-129	02/17/72	Letter (T.L. Gossage) re discontinuing sales to transformer component manufacturers	MCL001595	MCL001596
WBP M-129.1	2/17/72	Memo	MCL001596	
WBP M-130, M130.1	02/28/72	Letter (T. L. Gossage) for "top-up customers and repair shops" to Purchasing Agents and Plant Engineers & mailing list	MCL001597	MCL001860
WBP M-130.2	5/9/73	Memo	MCL001859	

EXHIBIT
3-A

HARTOLDMON002313

Exhibit	Date	Description	Begin Bates	End Bates
WBP M-131, 131.1	02/28/72	Letter (Howard S. Bergen) re Pydraul & mailing list	MCL001861	MCL002068

HARTOLDMON002314

TAB 123

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

December 31, 1971

Dear Sir:

We are writing to advise you that, effective this date, Monsanto will no longer sell Santovac 1 and Santovac 2 vacuum pump fluids.

These two Santovac fluids contain polychlorinated biphenyls (PCBs). As we have previously advised you, studies indicate PCBs may be accumulating in the environment. In some instances, PCBs have been found in food or in the food chain. An article by Carl G. Gustofson of the Federal Water Quality Administration appearing in "Environmental Science and Technology" and dealing with this subject is attached for your information.

Because of Monsanto's concern over this problem, we have discontinued sales of PCBs where the usage was in so-called "open systems". We have discontinued sales of Santovac 1 and Santovac 2 where the usage would be in food processing applications.

Our action in discontinuing sales for all uses in vacuum systems has been taken because of the problems which may arise should there occur accidental leakage of PCBs from such systems. We believe this action is in the best interest of all our customers who have continued using these materials in vacuum applications.

EXHIBIT
WBP M-123

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Please contact your pump supplier for his recommended replacement product.

To prevent entry of PCBs into the environment during your changeover from Santovac 1 or Santovac 2, return the used fluid to us for proper disposal (by high temperature incineration). Please send to Monsanto Co., W. G. Krummrich Plant, Sauget, Ill. 62201, Attention: Supervisor Dept. 246. To help you accomplish this with the least difficulty, we will pay the freight and disposal costs involved through April 1, 1972.

We will also accept return of any unopened cans or drums of Santovac 1 or Santovac 2 which may be in your possession and credit you at full purchase price if returned to us prior to March 1, 1972.

We sincerely regret any hardship that this decision may cause you, but feel you will agree Monsanto has made the correct decision.

Yours sincerely,

Howard S. Bergen

Howard Bergen, Director
Functional Products Group
Monsanto Industrial Chemicals Company

/pep
Attachment

feature

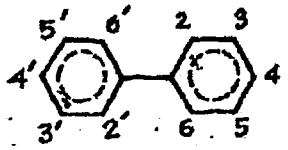
PCB's—prevalent and persistent

Intensified research is needed to minimize their dangers

Carl G. Gustafson, *Federal Water Quality Administration, Athens, Ga.*

During the past three years, a special class of compounds, called polychlorinated biphenyls (PCB's), has claimed the attention of ecologists and pesticide analysts in this country. These compounds were not discovered in the environment until 1966 in Sweden and 1967 in the U.S., despite the fact that they have been available commercially for 40 years. Interest in PCB's has arisen because they are frequently found in fish, bird, water, sediment, and other environmental samples when such samples are examined for chlorinated pesticide residues. That a wide variety of samples containing PCB's has been collected from England, Scandinavia, The Netherlands, Antarctica, Central America, and many different parts of the U.S. makes them truly ubiquitous pollutants.

Polychlorobiphenyls are made by substituting chlorine atoms for one or more of the hydrogen atoms at the numbered positions of the biphenyl structure.



In the process of replacing hydrogen atoms with chlorine atoms, a large number of substitution combinations arise. For example, three monochlorobiphenyl isomers are possible, 12 dichlorobiphenyl isomers, 21 trichlorobiphenyl isomers, and so on. Theoretically, 210 compounds can be prepared by this substitution process; a typical example would be 2,4,6,2′4′-pentachlorobiphenyl.

Whenever aromatic hydrocarbons such as biphenyls are chlorinated, the product is a mixture of compounds, including isomers. It is quite difficult to synthesize single, specific chlorobiphenyl compounds in the laboratory unless involved procedures are employed. Consequently few of the individual compounds have been prepared in the pure form for study.

In the commercial process for PCB manufacture, biphenyl is chlorinated with anhydrous chlorine in tall cylindrical towers with either iron filings or ferric chloride as the catalyst. The by-product is hydrogen chloride; the product is a mixture of several PCB's. The degree of chlorination is determined by measuring the specific gravity of the mixture or, when the product is more viscous, the ball-and-ring softening-point test is used. The whole process takes from 12 to 36 hours.

In the U.S., the sole manufacturer of PCB's is the Monsanto Co., which markets them under the trade name Aroclor. PCB's are also manufactured in Europe and Japan, under trade names such as Phenochlor and Clophen. The various Aroclors are differentiated by a four-digit number, with the last two digits indicating the percentage of chlorine in the mixture.

Properties

The three most important physical properties of the PCB's are low vapor pressures (they have high boiling points), low water solubility, and high dielectric constants. They are miscible with most organic solvents and compatible with many types of polymers. Although some individual polychlorobiphenyl compounds are crystalline, the Aroclor mixtures are either liquids or resins.

The chemical properties that make PCB's desirable industrial materials are their excellent thermal stability, their strong resistance to both acidic and basic hydrolysis, and their general inertness. They are quite resistant to oxidation. Monsanto reports, in a technical bulletin on PCB's, that they can be heated to 140° C. under 260 p.s.i. of oxygen pressure "without showing any evidence of oxidation as judged by development of acidity or formation of sludge."

The physiological properties of the PCB's make them potentially significant contaminants of the environment. For any pollutant, two factors are involved: acute toxicity, which is immediately evident because of a high death rate or other maiming effect; and chronic toxicity, which is the result of a slow accumulation of the poison in the body and is a sublethal effect. Whenever acute toxicity is high, a pollutant will be readily recognized and appropriate remedial actions will be introduced. If, on the other hand, acute toxicity is low,

The Monsanto Co. stated recently in a letter to Congressman William F. Ryan of New York that as of August 30, it would no longer sell PCB's to customers for use in general plasticizer operations where disposal of the end-products cannot be controlled. After some lag period—the time it takes to eventually dispose of the products made from PCB's and currently in processor's inventories—the quantity of PCB's getting into the environment may be substantially reduced. If Monsanto's former customers look for PCB substitutes, rather than purchasing PCB's from manufacturers in Japan and Europe, the projected decrease could become a reality.

Carl G. Gustafson

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the physiological effects will go unnoticed until the chronic effects make themselves evident. When this happens, the problem may have advanced beyond immediate or easy correction.

Acute toxicity

All studies of PCB's in animals indicate that acute toxicity is not a significant factor. Their acute toxicities are on the order of those of other chlorinated aromatic compounds. Monsanto has sponsored two investigations of the acute toxicities of Aroclor mixtures. In the first, at the Kettering Laboratory at the University of Cincinnati, Dr. J. F. Treon and his coworkers investigated the toxicity of Aroclor vapors for guinea pigs, mice, rabbits, and rats. All animals survived a 24-day exposure to 0.83 p.p.m. of Aroclor 1242 for 7 hours per day on 17 of those days. Even after more prolonged tests, there were no severe effects from Aroclor 1242. In the second investigation, still in process, three groups of beagles are fed Aroclor 1242, 1254, and 1260, respectively, at a rate of 100 p.p.m. in their diets. After three months no significant abnormalities have been noted.

Similar studies on fish have been performed in several laboratories. Dr. Richard Schoettger of the Sport Fisheries and Wildlife Fish-Pesticide Research Laboratory in Columbia, Mo., reports that 96 hour-TL_{50} toxicities of the Aroclors to trout range from 1.17 to 60 p.p.m. Compared to DDT, whose 96 hour-TL_{50} toxicity is 0.002 to 0.009 p.p.m. for trout, the PCB's have a relatively low acute toxicity. With the more sensitive bluegill, the 96 hour-TL_{50} for Aroclor 1248 is 0.278 p.p.m., while that of DDT is 0.008 p.p.m. Aroclor toxicities appear to be inversely proportional to the chlorine content of the mixture.

Shellfish, oysters, and shrimp are more sensitive to PCB's. Dr. Tom Duke, at the Bureau of Commercial Fisheries Pesticide Field Station, reports 100% mortality of juvenile pink shrimp exposed to 0.10 p.p.m. of Aroclor 1254 in water for 48 hours. This concentration of Aroclor 1254 will cause a 100% decrease in shell growth of oysters after 96 hours. To achieve the same effects with DDT in these experiments, only 0.0006 p.p.m. and 0.01 p.p.m., respectively, were required.

There is very little evidence that PCB's are toxic to insects. Studies to date show that they are less toxic than dieldrin or DDT. As with fish, their toxicity appears to be inversely proportional to the chlorine content of the mixture.

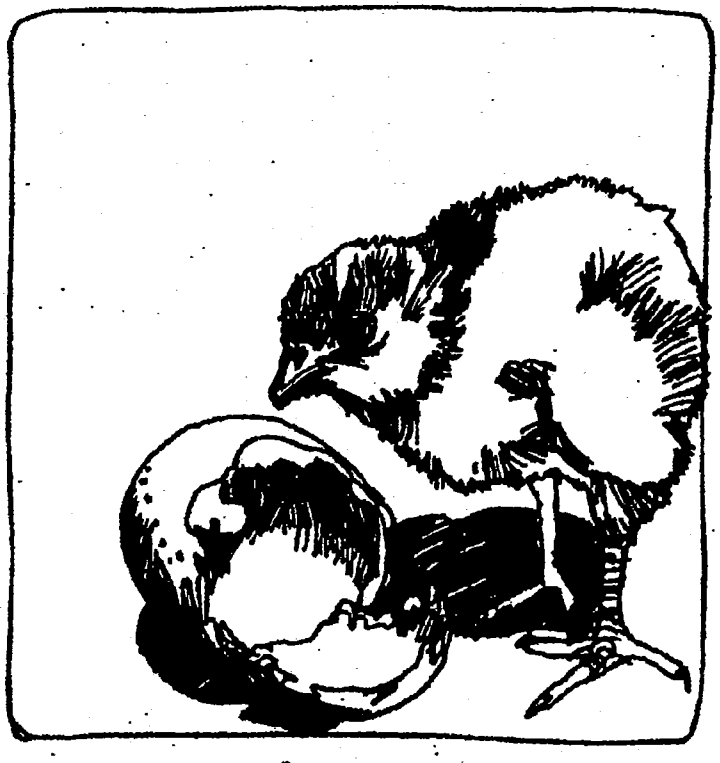
Based on the above data, it is understandable why the polychlorobiphenyls, commercially available for 40 years, have only recently attracted attention as toxic environmental contaminants.

Chronic toxicity

The chronic toxicities of PCB's present a more disturbing situation; several chronic effects have been observed. It was discovered, quite by accident, that PCB's have a toxic effect on chickens. Professor R. L. McCune and his coworkers at the University of Missouri found their chickens dying after they were placed in a feeding house, parts of which had been freshly painted with an epoxy paint. Careful investigation revealed that the toxic factor was Aroclor 1242, a binder in the paint. When Aroclor 1242 was fed to the chicks it produced the same characteristic effects as chick edema factor. McCune reported: "Gross pathology included hydropericardium, hydroperitonium, enlarged heart, liver, and kidneys, and hemorrhage of internal organs. Microscopically the kidneys showed marked tubular dilation and numerous casts."

Another chronic effect of PCB's is related in wildfowl. The accumulation of high concentrations of chlorinated hydrocarbons in birds resulted in disruption of normal breeding behavior and in the formation of thin-shelled eggs. A dramatic example of this effect has been observed in the case of the brown pelican. On the Anacapa Islands off the California coast, no young were hatched last year from 300 pairs of nesting birds. The shells of most eggs laid were so thin that a dent occurred when the egg was picked up.

There are two possible causes for the laying of thin-shelled eggs by wildfowl. One is a low calcium reserve in the bird; the other is the inability of the bird to deliver the needed calcium to its oviduct, where the eggshell is forming. The calcium level in the avian biosystem and the calcium reserve in the secondary bone structure or medullary bone, found only in female birds when they are breeding, are controlled by the hormone estrogen. A high estrogen level is associated with the formation of this calcium reserve. Chlorinated hydrocarbons, such as DDT,



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chlordane, dieldrin, and PCB's, activate enzymes in the liver which transform estrogen into a more water-soluble compound that is readily eliminated from the bird's body. This means that when estrogen levels are low, calcium reserves will also be low, and therefore very little calcium will be available for strong eggshell production. Dieldrin and PCB's are more effective than DDT in this type of enzyme-induction activity. Aroclor 1262 has an estradiol degrading potential four to five times that of *p,p'*-DDE or technical grade DDT.

The ability of the female bird to deliver calcium to her oviduct during the last 20 hours, when the eggshell is being formed, is related to the functioning of the enzyme carbonic anhydrase. When birds that have exhibited the ability to lay normal eggs are injected with a metabolite of DDT (DDE) just prior to the formation of the eggshell, they will lay thin-shelled eggs. This indicates that DDT also inhibits the activity of carbonic anhydrase, the enzyme that controls the flow of calcium from the blood stream of the bird into its oviduct.

Since dieldrin seems to have no effect on carbonic anhydrase, we may assume that neither do the PCB's. However, these compounds delay breeding time significantly. Many ornithologists feel that late breeding has a stronger influence on the reduction of bird populations than does the laying of thin-shelled eggs. If this is true, PCB's are a more potent threat than DDT to our declining bird populations, especially for predatory birds that accumulate fairly high levels of PCB's because they eat smaller animals that already have concentrated PCB's in their own tissues.

Other investigators have produced evidence to show that PCB's are similar to DDT in their activity. Dr. Joseph Street at Utah State University has shown that when PCB's accumulate in the liver, they induce microsomal enzyme activity by bringing about more rapid metabolism of drugs, insecticides, and other foreign compounds. He fed rats a diet containing 50 p.p.m. of Aroclor 1254 or Aroclor 1260. After 10 days on this diet, the test animals were administered hexobarbitol at a dose of 100 p.p.m. to induce sleep. In comparison with a control group, the sleeping time for these rats was reduced by 65 to 80%. Street also found that Aroclor, when fed at the same level, will reduce dieldrin storage in adipose tissue by 90 to 95%; increase aniline oxidation by 200 to 300%; and increase BPN detoxication by 430 to 470%. In addition, the PCB's cause activation of organothiophosphate compounds, which adversely affect the system. This latter effect counterbalances the detoxification of dieldrin.



Normally, when a substrate activates an enzyme, it is converted to a water-soluble form that will be eliminated from the system; however, this is not the case with PCB's. Because they remain in the system for prolonged periods of time, their enzyme induction activity is always present. In this way the normal concentration of important body chemicals may be lowered to the point of bringing about malfunctions in the system. For example, Street believes that the PCB's bring about steroid degradation, which can lead to altered endocrine relationships.

The chronic toxicity to man is as follows:

> Like the chlorinated naphthalenes, the chlorinated diphenyls have two distinct actions on the body, namely, a skin effect and a toxic action on the liver. The lesion produced in the liver is an acute yellow atrophy. This hepato-toxic action of the chlorinated diphenyls appears to be increased if there is exposure to carbon tetrachloride at the same time. The higher the chlorine content of the diphenyl compound, the more toxic it is liable to be. Oxides of chlorinated diphenyls are more

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toxic than the unoxidized materials.

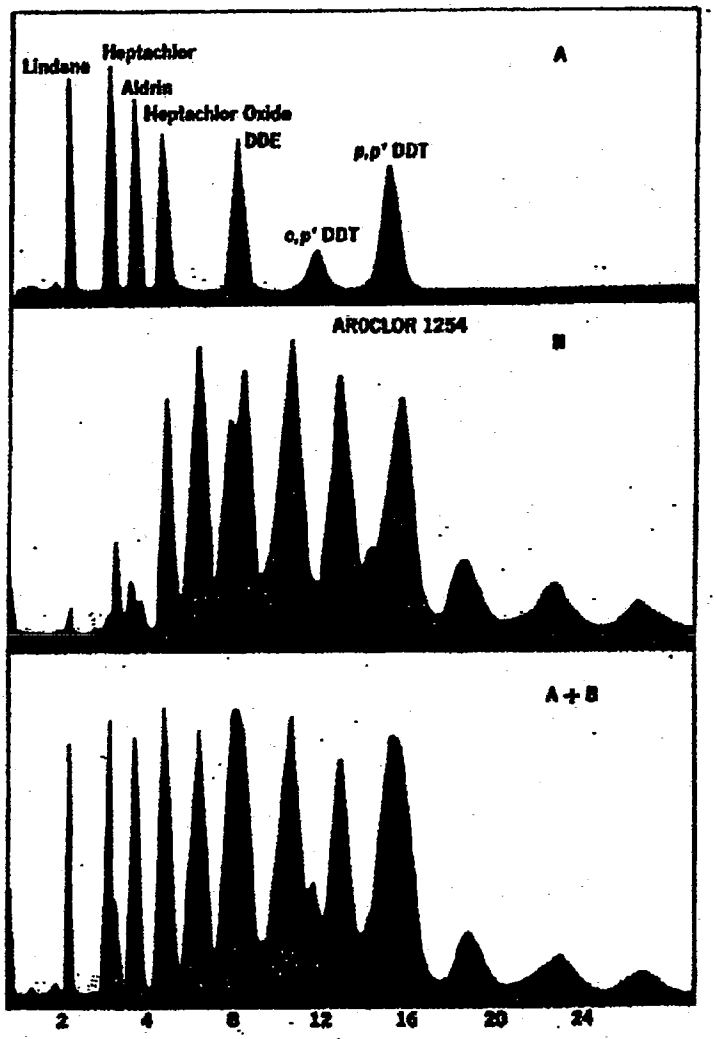
The skin lesion is known as chloracne, and consists of small pimples and dark pigmentation of the exposed areas, initially. Later, comedones and pustules develop. In persons who have suffered systemic intoxication, the usual signs and symptoms are nausea, vomiting, loss of weight, jaundice, edema, and abdominal pain. Where the liver damage has been severe, the patient may pass into coma and die.

Sax, N. Irving, "Dangerous Properties of Industrial Materials," 3rd ed., Van Nostrand-Reinhold, New York, 1968.

The ubiquity of PCB's is related to the wide spectrum of applications that have been found for them. The largest single use of PCB's is related to their electrical properties—as coolant-insulation fluids in transformers. For this purpose the Aroclors are also sold under such trade names as Chlorextol (Allis-Chalmers Mfg. Co.), Dykanol (Federal Pacific Electric Co.), Inerteen (Westinghouse Electric Co.), Noflamol (Wagner Electric Co.), Pyranol (General Electric Co.), and Therminol (Monsanto Co.).

Other uses of PCB's include formulation into ballasts for fluorescent fixtures; impregnation of cotton and asbestos for braided insulation of electrical wiring; a plasticizer in wire and cable coatings; capacitors and askarel-type transformers; and plasticizers of vinyl chloride polymer films. Because of their thermal stability and fire resistance, the PCB's also find application in high-pressure hydraulic fluids, specialized lubricants and gasket sealers, heat transfer agents, and machine tool cutting oils. Miscellaneous uses include: formulation into some epoxy paints; protective coatings for wood, metal, and concrete; adhesives; and in carbonless reproducing paper. One of the primary manufacturers of carbonless reproducing paper also sells Aroclors in an encapsulated form.

Generally the kinds of applications described above mean that the PCB's will be in many types of products that eventually find their way to the domestic market. When used in manufacture of ballasts for fluorescent fixtures they will be found in kitchens, bathrooms, stores, and offices throughout the country. Wherever office forms are used that do not use carbon paper, one may find PCB's formulated into the microcapsules of dye that comprise the reproducing layer of the business form. PCB's have also been found on the transparent receipts used in credit card charge forms. As plasticizers they can be expected to appear in many consumer plastics.



Gas chromatogram A is of a standard pesticide mixture, B is typical of Aroclor 1254, and A + B is the chromatogram of a 50 : 50 mixture of both. The concentration of Aroclor 1254 is approximately 10 times those of the pesticides in A, hence it is understandable why PCB's were not readily recognized in pesticide chromatograms. Gas chromatograph (Packard 7620) conditions: gas flow 80 ml./min. nitrogen; temperatures—oven, 210° C., inlet, 230° C., detector, 218° C.; Ni^{63} electron capture detector; 5' × ⅛" glass column packed with 5% SE-30 on Chromosorb Q 80–90 mesh.

Since the chronic toxicities are so significant, it becomes important to know just how extensively the PCB's are distributed in the ecosystem, and just how they find their way into the environment. Rainwater in England, brown seals off the coast of Scotland, white-tailed eagles in Sweden, cod in the Baltic Sea, mussels in The Netherlands, adelie penguin eggs in the Antarctica, brown pelican eggs in Panama, Arctic terns, shrimp in Florida, river water in Japan, waters in the Great Lakes, human hair, and human adipose tissue—samples of all these have been found to contain PCB's,

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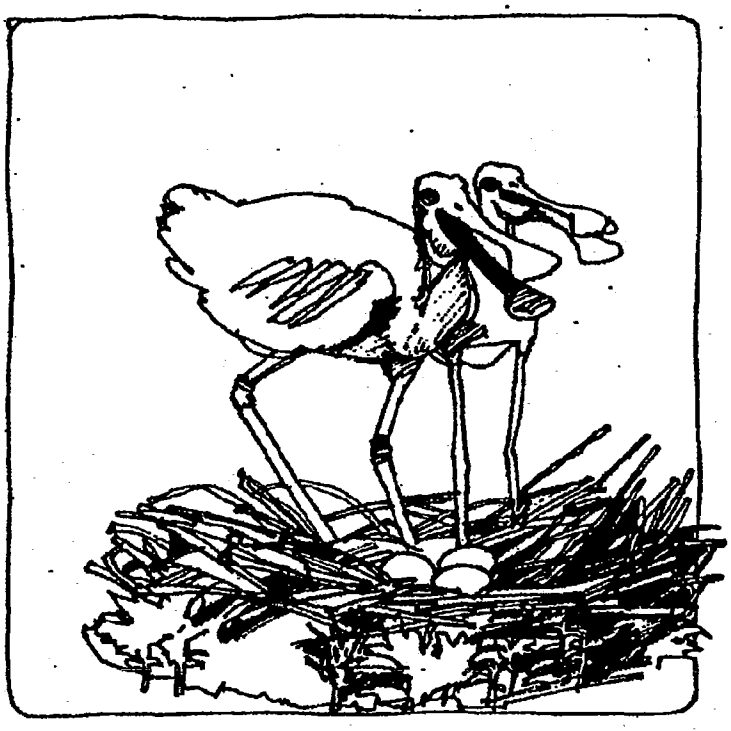
thus making them a class of widely dispersed pollutants.

Readily absorbed

The properties of PCB's that make them industrially useful are the same properties that cause them to persist in the environment. These include thermal stability, resistance to oxidation and hydrolysis, solubility in a wide range of organic solvents, water insolubility, high dielectric constant, and compatibility with many types of macromolecules. Their resistance to oxidation and hydrolysis also makes PCB's more stable and persistent than DDT. Consequently, they could eventually accumulate to a higher concentration than DDT, especially if the use of DDT is sharply curtailed in the U.S.

The solubility of PCB's in nonpolar solvents explains why they are readily absorbed into fatty tissue and into the liver. Their resistance to oxidation or other types of chemical degradation explains their persistence in the environment and accumulation in animal tissue. The latter effect is enhanced both by their insolubility in water and solubility in organic solvents. Their chemical inertness and resistance to metabolism account for their low acute toxicity. But as they slowly build up in a living system their concentration approaches toxicity levels, at which point chronic effects make themselves evident.

It has been established that fish-eating birds will accumulate large concentrations of PCB's, as in the case of the white-tailed eagle, which has been found to have as much as 14,000 p.p.m. of PCB's. Peregrine falcons, taken off the coast of California, were found to have as much as 2000 p.p.m. in their lipid tissue. When shrimp were exposed to 10 p.p.b. of Aroclor 1254 for 48 hours, they accumulated 1300 p.p.b. of PCB's, which represents a 130-fold concentration in a very short time. Oysters, exposed to an identical concentration of Aroclor 1254 for 96 hours and then placed in PCB-free water for four days, still had a concentration of 33,000 p.p.b. of PCB's, which constitutes a 3300-fold concentration. This means that even though the concentrations of PCB's are in the parts-per-billion range in the environment, their high lipid solubility causes them to collect in fatty tissues of lower animals and marine life. Therefore, species at the top of a food chain will also accumulate PCB's in their bodies, particularly in their lipid tissue and liver, in much the same way as they accumulate DDT and other chlorinated pesticides.



Because of the low solubility of PCB's in water, when a solution or dispersion of them is discharged into a river or lake, they will accumulate on the sediment in relatively high concentrations. Subsequently, they will redissolve very slowly in the water as conditions change. Therefore, it will usually take a long time to flush out a contaminated area.

Accidental occurrence

The reason that PCB's have not been found in the ecosystem as extensively as DDT, and are not present in environmental samples at as high a concentration as DDT, is that PCB's find their way into the environment accidentally. DDT is deliberately spread because this is the only way its insecticidal properties can be utilized. PCB's are not intended to get into the environment, but they do because their unique chemical properties prevent them from being destroyed by our usual waste disposal methods. Thus, they inadvertently escape and become widely dispersed.

In Sweden, where the use of DDT has been banned, and where the main power source is hydroelectric, investigators find that the concentration of PCB's in the environment is as high as that of DDT.

There are several ways by which PCB's get into the ecosystem. One of these is by incineration. Products containing PCB's, such as carbonless reproducing paper in business forms, plastics (especially polymer film and sheeting that contain PCB's as plasticizers), spent ballasts from fluorescent light fixtures, and objects coated with PCB-formulated coatings, all find their way to the city dump or incinerator for burning. The PCB's do not burn but are vaporized. They are then carried into the atmosphere, where they collect on particulate matter and are subsequently returned to the surface of the earth, into the rivers, lakes, and oceans. In this way they become widely distributed throughout the global environment. Another source is probably land run-off from industrial wastes and dumps. A third source is the point of manufacture and the plants where PCB's are processed into other products. They can escape through the plant ventilation and exhaust systems into the atmosphere and through its waste treatment system into sewers or directly into waterways.

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It is interesting to note that the incidence of PCB's in environmental samples is highest in industrialized and urbanized areas. Birds whose primary habitat is the San Francisco Bay area have a larger concentration of PCB's per unit of body weight than those located in Baja, Calif., which is completely rural. Aquatic life in the Archipelago of Stockholm, the most industrialized area of Sweden, were found to have a higher concentration of PCB's than fish samples taken from the western coast of Sweden, a less developed area. Sediment samples taken from southern portions of Lake Michigan have a higher concentration of PCB's than those from other parts of the lake.

Monsanto states that until a recent change in marketing policy (see inset, page 814), sales of Aroclors were increasing at the rate of 8% per year. While this increase does not seem significant, it may be important if the increased consumption was in consumer products and thus would find their way into our normal solid waste disposal systems. Such an occurrence would mean a definite increase of PCB residues in the environment, and therefore a marked increase in their chronic toxicity effects.

Detection

PCB's were not discovered in environmental samples until very recently for several reasons. First, as indicated above, they have not been deliberately distributed about the ecosystem. Secondly, because of their relatively low acute toxicities, their presence was not immediately evident. Finally, they are difficult to detect analytically.

The PCB's were first detected as interfering peaks in the gas chromatographic analysis (GC) of environmental samples being analyzed for chlorinated pesticide residues. When PCB's are present in a sample they give a pattern of several GC peaks, whose retention times are similar to those of dieldrin, DDT, DDE, aldrin, and heptachlor oxide. Because the peaks were not large or sharp, investigators tended to ignore them until S. Jensen, in Sweden, and R. Risebrough, at the University of California at Berkeley, identified them as corresponding to common constituents of environmental samples being analyzed for persistent pesticides.

The problem of the interferences of PCB's with the analysis of other chlorinated pesticides has been largely overcome by prior treatment of the sample. Several investigators have used column chromatography to separate PCB's from chlorinated pesticides. At a recent meeting, sponsored by the FWQA's National Water Quality Laboratory, Duluth, Minn., a general procedure was recommended for separation of PCB's from pesticides. In this procedure for biosamples, the sample is extracted with hexane as in regular pesticide analysis. It is then partitioned with acetonitrile to remove fats, the cleaned-up extract is passed through a Fluorisil column and then through a silicic acid column. Finally, the sample is analyzed by gas chromatography, with a chloride-specific detector. In this way the pesticides are retained on the silicic acid column for later elution and identification.

Research needs

To assess fully the significance of PCB's as environmental pollutants, additional research is needed. No one really knows the extent of the chronic effects of these chlorinated hydrocarbons. Some problems that need to be considered are:

- Although PCB's are known to accumulate in human organs we do not know at what concentration they will begin to exhibit toxic effects. Will these chronic effects be similar to those shown in animals—microsomal enzyme activity, calcium metabolism inhibition, and so on? What are other possible chronic effects?
- Which of the many PCB compounds in the commercially available mixtures are responsible for their toxicity? Can commercial PCB mixtures be modified to eliminate the toxic components? Pure samples are required to answer these questions. At the present time work is continuing at the FWQA's Southeast Water Laboratory to separate each of the Aroclor mixtures into its many components, and to identify each component.
- We need to know all the uses for the PCB's. What is the annual production of PCB's? Our knowledge of these facts is limited and needs to be expanded. These facts should be known if we are to accurately determine how they get into the environment, and take steps to prevent further environmental contamination by them.
- In view of the complexity of the isolation and accurate quantitative analysis of PCB's in chlorinated residues, a straightforward, unambiguous measurement of them needs to be developed.
- What is the *fate* of PCB's in natural waters? More needs to be known of their partition coefficients between bottom sediments and water. This is vital if we are to estimate how long it will take for a river bed to clean itself of contamination. It will also be useful when assessing the effects of PCB's on marine life that feed on the bottoms of lakes, rivers, and estuaries. We should also learn more about PCB solubility in water of various ionic strengths.
- Are present waste treatment systems adequate to handle PCB's? Do special measures need to be taken when PCB's are part of the waste effluent being treated?

By trying to get some of these answers now, we may find that we are in a position to control the escape of PCB's into the environment before additional damage is done. So frequently, action is taken only after it is evident that massive damage has resulted from a particular pollutant. In the case of the PCB's we may have an opportunity to resolve the situation before that happens.

Additional Reading

Hubbard, H. L., "Chlorinated Biphenyl and Related Compounds," Encyclopedia of Chemical Technology, 2nd ed., 5, Interscience Publ., New York, N.Y., 1964, pp. 289–298.

Reynolds, L. M., *Bull. Environ. Contam. Toxicol.* 4, 128 (1969).

Risebrough, R. N., *et. al., Nature* 220 (1968).



Carl G. Gustafson, *chairman of the Department of Chemistry of King's College, Briarcliff Manor, N.Y., received a Ph.D. in organic chemistry from the University of Delaware in 1957. During the 1969–70 academic year, he was on leave at the* FWQA *Southeast Water Laboratory in Athens, Ga., where he studied trace organic analysis in waste effluents. As a member of the National Water Contaminants Characterization Research Program, he worked with* PCB's *and pulp and paper mill effluents.*

MCL001350

HARTOLDMON0002323

TAB 123.1

Santovac 1 & 2
Candidate Replacement Source

Ralph D. Schumack
Product Marketing Manager
Fluids, Emulsions, & Compounds
Chemical Products Division
Dow Corning Corporation
Midland, Michigan 48640
(517) 636-8683

R. A. Bachura
Product Market Supervisor
Fluids, Emulsions, Compounds
Dow Corning Corporation
Midland, Michigan 48640
(517) 636-8250

EXHIBIT
WBP M-123.1

-1- Santovac Letter

Adamas Carbide Corporation
31000 Industrial Road
Livonia, Michigan 48150
Mr. C. E. Mitchell

Aero Cast, Inc.
7300 N.W. 43rd Street
Miami, Florida 33166
David Janney, President
Laureen Young

Aero Space Supply
P. O. Box 15095
Fort Worth, Texas 76119
Mr. Jack Alford

Aircraft Casting
4000 N.W. 28th Street
Miami, Florida 33142
Mr. Ed Reed, Plant Superintendent

Allegheny Ludlum Steel Corp.
Research Center
Alabama & Pacific Avenue
Brackenridge, Pa. 15014
Mr. Gilbert L. Callen

Alpha Metals
56 Water Street
Jersey City, New Jersey 07304
Mr. William Rowan, Plant Manager

Aluminized Finish Company
261 Main Street
Cromwell, Conn. 06416
Mr. Frank Krokulski

AMT Corporation
Plating Department
1225 East Mapel
Troy, Michigan
Mr. Al Fish

Anaconda Wire & Cable Company
River Street
Hastings-on-Hudson, New York 10706
Mr. J. B. Blake, Purchasing Dept.

Anadite, Incorporated
P. O. Box 547
Hurst, Texas 76053
Mr. Harold Lockman

Arco Company
Numec Division
Apollo, Pa. 15613
Mr. Secher
Mr. John Eck

Argo Paint and Chemical Co.
19440 Fitzpatrick
Detroit, Michigan 48228
Mr. Larry Coleman
Mr. Earl Pulne, V.P.& Gen. Mgr.
Mr. Charles Dauderman, R&D Dir.

Armco Steel
P. O. Box 1697
Baltimore, Md. 21203
Mr. Joseph E. Cadlec

*Aro, Incorporated
Arnold Air Force Base Station
Tennessee 37389
Mr. J. R. Hulan
Mr. Tom Willis

Arthur F. Smith Company
P. O. Box 728
201 S.W. 12th Street
Pompano Beach, Florida
Mr. Kendrick

Arwood Corporation
18383 Railroad Street
City of Industry, California
91748
Mr. Larry Evans

*Ashland Chemical Company
5200 Blazer Parkway
Dublin, Ohio 43017
Mr. Doug Martin

Batesville Casket Company
Highway 46 East
Batesville, Indiana 47006
Mr. Dennis Meyer
Mr. Nick Stewart

Bechtel Corporation
P. O. Box 173
Delta, Pa. 17314
Mr. William F. Hindle
Mr. Ed Farnham

*Purchased more than 1000 lbs per ~~month~~ yr. in 1971.

MCL001352

HARTOLDMON0002326

Beech Aircraft Corporation
P. O. Box 631
Boulder, Colorado 80302
Mr. Nelson Oman, Dir. of Purchasing
Mr. Menking

The Bendix Corporation
Scientific Instruments & Equip. Div.
1775 Mt. Read Blvd.
Rochester, NY 14603
Mr. Don Anderson

Beseast, Inc.
4600 East 56th Street
Willoughby, Ohio 44094
Mr. Bob Anderson

Cabot Corporation
Stellite Division
1020 West Park Avenue
Kokomo, Indiana 46901
Mr. Austin James, Buyer
Mr. James Packart

University of California
Los Alamos Scientific Labs
P. O. Box 1663
Los Alamos, New Mexico 87544
Mr. W. B. Lewis
Mr. Roy Reider
Mr. Clarance Lisco

University of California
5531 Boelter Hall
Los Angeles, California
Dr. Eldon Kunth

*Cannon-Muskegon Corporation
2875 Lincoln Street
Muskegon, Michigan 49441
Mr. A. J. Archambault
Mr. Donald Klein

Carmet Company
1100 Mandoline
Madison Heights, Michigan 48071
Mr. George Nordstrom

*Carpenter Technology Corporation
P. O. Box 662
Reading, Pa. 19603
Mr. Ed Estraka

Caterpillar Tractor Company
Research Center
Peoria, Illinois 61602
Mr. Frank Gladson, Purchasing

*Certified Alley Products
3245 Cherry Avenue
Long Beach, California 90807
Mr. Kurt Splitter
Mr. Campbell
Bob McCutchan

*Colt Industries
Crucible Specialty Metals Division
P. O. Box 977
Syracuse, New York 13201
Mr. Bob Taggart
Mr. Dan Berry
Mr. Martin Felecota

Colt Industries
Magnet Division
Leitchfield Road
P. O. Box 100
Elizabethtown, Ky. 42701
Mr. Beltle, Plant Engineer
Wally Anderson, Purchasing

Con-Ray Finishing
4605 8th Avenue
Brooklyn, New York 11220
Mr. Ronald Cosentino, General Mgr.

Cordell Tackle Company
Hot Springs, Arkansas 71901
Mr. Ted Jennings, Purchasing

Cost Technology, Inc.
1482 Gary Boulevard
Schenectady, New York
Mr. David Clayman

Curd Enterprises
211 Iriquois Court
Charleston, S.C. 29406
Mr. Robert Curd

Custom Molded Products
Leominster, Mass.
Mr. Richard Gaouette

*Purchased more than 1000 lbs per ~~month~~ yr in 1971.

MCL001353

HARTOLDMON0002327

*Deltech Systems, Inc.
119 North Olive
Media, Pa. 19063
Mr. Reese DeHaven, President

*Dow Chemical Company
Rocky Flats Division
P. O. Box 888
Golden, Colorado 80401
Mr. William T. Garger, Purchasing
Mr. N. H. Miller, Lubrication Eng.

Driver Harris
201 Middlesex
Harrison, New Jersey 07029
Mr. Smith, Purchasing
Mr. Henry Kurtz

E. I. duPont de Nemours & Company, Inc.
Chambers Works
Deep Water, New Jersey 08023
Mr. J. Winfield
Mr. Bruce Khoury

Duramet Corporation
24343 Gibson Drive
Warren, Michigan 48089
Mr. Leonard Genrich

Eaton Corporation
(Eaton Yale & Towne, Inc.)
Precious Metals Division
1000 Rust Street
Saginaw, Michigan 48601
Mr. Frank Allen, Purchasing
Mr. Roger Koppenhofer
Mr. Ron Lubis

Edwards High Vacuum, Inc.
3279 Grand Island Boulevard
Grand Island, NY 14072
Mr. Phil Alteris

EGG, Incorporated
P. O. Box 809
Los Alamos, New Mexico 87544
Mr. Chester Silvernail
Mr. John Galbraith

Emerald Trading Company
P. O. Box 396
Roslyn, New York 11576
Mr. H. Hallet

Frankel Company
19300 Filer Avenue
Detroit, Michigan 84234
Mr. Charles Deak

Geigy Chemical Corporation
180 Mill Street
Cranston, R. I. 02905
Mr. Abe Weisberg
Mr. A. Hahn

*General Dynamics Corporation
Convair Aerospace
P. O. Box 1950
3302 Pacific Highway
San Diego, California 92142
Mr. Jim Staples
Mr. Harry Lund

General Electric Company
100 Woodlawn Avenue
Pittsfield, Mass. 01201
Mr. George E. Johnson

General Electric Company
Regan & Maple Avenue
Conneaut, Ohio 44030
Mr. Ron Spaller

General Electric Company
Nuclear Energy Division
P. O. Box 780
Wilmington, N.C. 28401
Mr. H. V. Worthington

*General Mills
S. Kensington Road
Kankakee, Illinois 60901
Mr. M. V. Kulkarni

*General Motors
Central Foundry Division
N. Jackson Street
Bedford, Indiana 47421
Mr. Jack Cummings, Purchasing
Mr. Esarey, Research Engr.

*Purchased more than 1000 lbs per month in 1971.

HARTOLDMON0002328

Georgetown University
Department of Physics
Washington, D.C. 20007
Dr. William D. Gregory

Gilmour Manufacturing Co.
North Center Avenue
Somerset, Pa. 15501
Mr. Jack Gilmour

Goodyear Atomic Corp.
P. O. Box 628
Piketon, Ohio 45661
Mr. Oron Gleim

Grimes Manufacturing Co.
Urbana, Ohio
Mr. Joe Lilly

Hitchner Manufacturing
P. O. Box 555
Wallingford, Conn. 06492
Mr. Bill Whiles

Howmet Corporation
Austenal Division
Roy Street
Dover, New Jersey 07801
Mr. Bob Young
Mr. Yasenchak

*Howmet Corporation
Misco Division
1 Misco Drive
Whitehall, Michigan 49461
Mr. Bob Weerstra
Mr. Dick Kralpryk, Casting
Mr. Glen Near - Plant Manager

Howmet Corporation
Reactive Metals Products Division
555 Benston Road
Whitehall, Michigan 49461
Mr. Fred Schmitt

Hughes Tool Company
P. O. Box 2539
Houston, Texas 77001
Mr. Richard M. Graff

International Nickel Company
Research Labs
Sterling Forest
Suffern, New York 10901

Jameco Metal Products
94-34 158th Street
Jamaica, New York 11433
Mr. Michael Silverman

*Kawecki Berylco, Inc.
P. O. Box 567
Boyertown, Pa. 19512
Mr. Robert Eschelman

Keeler Brass Company
955 Godfrey Road, S.W.
Grand Rapids, Michigan 49502
Mr. Dewey Engelsma

*Kelsey-Hayes Company
Heintz Division
Front & Olney
Philadelphia, Pa. 19120
Miss Trabold
J. J. Bailey

Kennametal, Inc.
523 Half-Way House Rd.
Windsor Locks, Conn. 06096
Mr. Harold Mooney

Krad Associates
1108 Salvador
Costa Mesa, California 92626
Mr, Krish Shah

*Latrobe Steel
P. O. Box 327
Latrobe, Pennsylvania 15650
Mr. Ron Weimer

Lescoa, Incorporated
549 Ionia S. W.
Grand Rapids, Mich. 49503
Mr. Gerald LaVelle

Leybold-Heralus, Inc.
Seco Road
Monroeville, Pa. 15146
Mr. Donald Densmore
Mr. Steven Blaskovic

Litton Industries
1035 Westminister Dr.
Williamsport, Pa. 17701
Mr. Frank Cumings

*Purchased more than 1000 lbs per ~~month~~ year in 1971.

MCL001355

HARTOLDMON0002329

NARF
Marine Corps Air Station
Cherry Point, N.C. 28533
Mr. Donald J. Gilpin
Code 650

Maxwell Laboratories
9224 Balboa Avenue
San Diego, California 92123
Mr. Bill King

Melco Wire Products
4420 San Fernando Road
Glendale, California 91204
Mr. Bob Conant

Michigan Plastics
717 Robbins Road
Grand Haven, Michigan 49417
Mr. Cliff D. Young

Minnesota Mining & Mfg.
P. O. Box 1669
Brownwood, Texas 76801
Mr. John Reece
Mr. Lowell Windahl

University of Minnesota
School of Physics
Minneapolis, Minn. 55455
Dr. Alan Goldman

Model Products
126 Grossebach Highway
Mt. Clemens, Michigan
Mr. Walter Leman

McCordi Corporation
707 Fenimore Road
Mamaroneck, New York 10543
Mr. Dudley B. Follansbee

McGraw Edison
South Milwaukee, Wisconsin
Mr. David Hottinger

National Lead Company
Nuclear Division
1130 Central Avenue
Albany, New York 12205
Mr. Fred Occhiogrosso

*Owens-Illinois, Inc.
P. O. Box 409
St. Charles, Illinois 60174
Mr. J. B. Beede

Pall Corporation
30 Sea Cliff Avenue
Glen Cove, New York 11542
Mr. Richard Ray

Pennsylvania State University
Dept. of Aerospace Engrg.
223 Hammond Bldg.
University Park, Pa. 16801
Dr. W. M. Phillips

Petroleum Distributing Co., Inc.
P. O. Box 203
Houston, Texas 77001
Mr. Bill Alford

Pfaudler Technical Center
P. O. Box 1600
Rochester, New York 14603
Mr. Frank Ginder

Pfizer, Incorporated
New Canaan, Conn. 06018
Mr. Jason Clark

Piedmont Metal Products
506 Maledie
Lawrenceville, Georgia 30245
Mr. Earl Rasch

Plastic Arts Metalizing
71 Green Street
Brooklyn, N. Y. 11222
Mr. Morris Kustoff

Plastic Specialty, Inc.
922 S. Eleventh Street
Ft. Smith, Arkansas 72901
Mr. Howard Berch

Pratt & Whitney Aricraft
Florida Research & Dev. Center
Box 2691
West Palm Beach, Fla. 33402
Mr. Noel Metcalfe

*Purchased more than 1000 lbs per month in 1971.

MCL001356

HARTOLDMON0002330

Premier Vacuum Process
58-90 56th Street
Maspeth Queens
New York, N. Y. 11378
Mr. Barney Gabler

Rag-Vac Plastics
Raymond Road
Big Rock, Illinois 60511
Mr. Raymond

Remet Corporation
701 E. Sunny Hills Road
Fullerton, California 92632
Mr. James R. Pyne

Republic Steel Corp.
Research Center
6801 Brecksville Road
Independence, Ohio 44131
Mr. Udell Gammon

Republic Steel Corp.
Purchasing Department
P. O. Box 6778
Cleveland, Ohio 44101
Mr. W. R. Kuhn
Mr. Richards

Robertshaw Controls Co.
Milford Division
155 Hill Street
Milford, Conn. 06460
Mr. W. L. Pailthorp

Ryan Industries
4800 Allmond Avenue
Louisville, Kentucky 40243
Mr. Bob Friess
Mr. Hugh Kilgo

Scharr Industries
P. O. Box 231
Bloomfield, Conn. 06002
Mr. Jerry Scharr

Shawnee Plastics, Inc.
P. O. Box 278
Kuttawa, Kentucky 42055
Mr. Charles Ross

Sherwood Metal Products
29501 Clayton Avenue
Wickliffe, Ohio 44092
Mr. Rossello

Signalite Corporation
1933 Heck Avenue
Neptune, New Jersey 07753
Mr. Henry Budner

Spang Industries
Magnetics Division
East Butler, Pa. 16029
Mr. Ron Stewart

Magnetics, Inc.
Butler, Pa. 16001
Mr. Merle R. Bell

Magnetics, Inc.
Butler, Pa. 16001
Mr. H. Larrick
Mr. J. Jackson

Spartek, Incorporated
P. O. Box 437
Sparta, Wisconsin 54656
Mr. Savor

*Special Metals Corporation
Middle Settlement Road
New Hartford, New York 13413
Mrs. Gaetano
Mr. Vincent Suskie

Spectrum Finishing Co.
50 Dole Street
Babylon, New York 11704
Mr. Pat Dunn

Sprague Electric Co.
Engineering Labs
North Adams, Mass. 01248
Mr. David G. Thompson

Standard Chemical Products
480 Alfred Avenue
Teaneck, N. J. 07666
Mr. Al James

*Purchased more than 1000 lbs per month in 1971.

MCL001357

HARTOLDMON0002331

*Standard Packaging Co.
National Metalizing Div.
Route 535
Cranbury, N. J. 08512
Mr. Charles Stansky

Stokes Vacuum Components Dept.
Pennsalt Chemicals Corporation
550 Tabor Road
Philadelphia, Pa. 19120
Mr. William Bosler
Mr. Richard Strong

Syntron Div. of FMC
Homer City, Pa. 15748
Mr. Brian Hughes

*Teledyne Titanium
P. O. Box 1189
Monroe, N. C. 28110
Mr. John Pigg

Thierica, Incorporated
900 Clancy N. E.
Grand Rapids, Michigan 49503
Mr. Bill Barnett

Timex Corporation
Middlebury, Conn. 06720
Mr. Edward J. Hull

Tip Top Division
Faberge, Inc.
1520 Curning
Omaha, Nebraska 68102
Mr. Sarn Nielsen

Troy Specialties
P. O. Box 316
E. Troy, Wisconsin 53102
Mr. Bill Baker

*TRW
Metals Division
Minerva, Ohio 44657
Mr. J. Cherry

*Union Carbide
Nuclear Div.
P. O. Box M
Oak Ridge, Tenn. 37830
Mr. W. A. Brickey
Mr. Hurst

United Plastics
P. O. Box 953
Bainbridge, Ga. 31717
Mr. Ken Adams

*Universal Cyclops
Specialty Steel Division
Titusville, Pa. 16364
Mr. Joseph A. Croker

Universal Cyclops
Vacuum Melting Department
Bridgeville Plant
Bridgeville, Pa. 15017
Mr. Guy Vennum

Vacuum Platers, Inc.
115 South Union
Mauston, Wisconsin
Mr. Al Gabower

Varian Vacuum Division
NRC Operation
160 Charlemont
Newton, Mass. 02161
Miss Eleanor Gibson
Mr. Leo R. Colvini
Mr. Dudley Appleman

Vernon Specialties Corp.
42 River Street
North Tarrytown, NY 10591
Mr. J. Lombardi

Welsh Industries
6556 South Oak Road
Vassar, Michigan 48768
Mr. Ted Proffer

Willeys Carbide Tool Co.
14385 Wyoming Street
Detroit, Michigan 48238
Mr. Charles Rose

Williams Research Corp.
2280 West Maple Road
Walled Lake, Michigan 48088
Mr. Jim Rossow

*Purchased more than 1000 lbs per month in 1971.

MCL001358

HARTOLDMON0002332

Windsor Plastics, Inc.
601 N. Congress Avenue
Evansville, Indiana 47711
Mr. Dick Havens

Wisconsin Centrifugal
905 E. St. Paul
Waukesha, Wisconsin 53186
Mr. Dave Krick

Regal Finishing
427 North Hull
Benton Harbor, Michigan
Mr. Krebs

Lubrication Engineers, Inc.
3851 Riverside Freeway
Forth Worth, Texas 76111
Mr. James H. Kahlke

Texas Tech University
Department of Physics
P. O. Box 4180
Lubbock, Texas 79409
Mr. D. O. Pederson

Abbott Laboratories
North Chicago, Illinois 60064
Mr. Rudy Baylog

Aero Vac Corporation
P. O. Box 448
Troy, New York 12181

Aurora Casket Co., Inc.
202 Conwell Street
Aurora, Indiana 47001

Big Rock Finishing Works
Route 30
Sugar Grove, Illinois 60554

Curtis Manufacturing Co.
1905 Kienlen Avenue
St. Louis, Missouri 63133

Decor Novelties
600 Bedford
Whitman, Mass. 02382

General Electric Company
Mountain View Road
Lynchburg, Virginia 24502

Hayes-Albion
Wolverine Plastics Div.
946 Redman Road
Milan, Michigan 48160

F. H. Noble & Company
559 West 59th Street
Chicago, Illinois 60621

Struther Dunn, Inc.
Lambs Road
Pittman, New Jersey 08071

MCL001359

HARTOLDMON0002333

TAB 124

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

January 31, 1972

Dear Sir:

We are writing to tell you that effective June 30, 1972, all Pydraul fluids will be a new formulation. We have decided to stop using polychlorinated terphenyls as a component in our fluids. Our new fluids will contain no chlorinated components.

In order to make a smooth transition to the new Pydraul fluids, we will continue to manufacture fluids with the current formulation until early in the second quarter of 1972. At that time we will begin phasing in the new formulations and phasing out the old. We expect to complete this transition well before June 30, 1972.

In the meantime we will make every effort to contact each of you, our customers, individually. We would like to work out with you the details of this transition so that it best satisfies your needs.

Yours very truly,

Howard L. Bergen

Howard Bergen, Director
Specialty Products Group
Monsanto Industrial Chemicals Company

1b

EXHIBIT
WBP M-124

MCL 001360

HARTOLDMON0002335

TAB 124.1

Monsanto

FROM (NAME & LOCATION) J.A. KRISS, VANCOUVER

DATE February 22, 1972 cc: D.R. Hansen

SUBJECT PYDRAUL MAILING LIST

REFERENCE

TO : LINDA BROWN
ST. LOUIS

Please send a copy of Howard Bergen's letter of January 31st to:

1) El Paso Natural Gas
Sumas, Wash. 98295

2) Pennwalt Corp. 2901 Taylor Way
Tacoma, Wash.

3) Reynolds Metals
P.O. Box 999
Longview, Wash. 98632

4) Collier Carbon
Seattle, Wash. ?

5) Western Gear Corp.
2100 Norton
Everett, Wash. 98201

John Kriss

John Kriss

/sb

IN 10 REV 11-65

EXHIBIT
WBP M-124.1

MCL001361

HARTOLDMON0002337

TAB 124.2

Director of Purchases
AAA Products, Incorporated
P. O. Box 35482
Dallas, Texas 75335

Director of Purchases
Academy Die Casting
47 Langstaff Avenue
Edison, New Jersey 08817

Director of Purchases
A&A Die Casting Company
12901 South Western Avenue
Gardena, California 90249

Director of Purchases
Acheson Colloids
Division of Acheson Industries, Inc.
Port Huron, Michigan

Director of Purchases
Abex Corporation
Railroad Products Group
626 Armstrong Avenue
St. Paul, Minnesota 55102

Director of Purchases
Acme Machine Works
North 421 Sycamore Street
Spokane, Washington 99202

Director of Purchases
Abex Corporation
P. O. Box 458
Meadville, Pennsylvania 16335

Director of Purchases
Acme Printing Ink Company
2909 Chrysler Road
Kansas City, Kansas 66115

Director of Purchases
Abex Corporation
Dennison Division
1160 Dublin Road
Columbus, Ohio 43216

Director of Purchases
Acrometal Products Incorporated
616 Fifth Street North
Minneapolis, Minnesota 55401

EXHIBIT
WBP M-124.2

HARTOLDMON0002339

Director of Purchases
Acro Welder Manufacturing Company
2900 West Green Tree Road
Milwaukee, Wisconsin

Director of Purchases
Aero Titanium Products
6510 Federal Boulevard
Lemon Grove, California 02045

Director of Purchases
Action Manufacturing Company
4567 Bermuda Street
Philadelphia, Pennsylvania 19124

Director of Purchases
Aerojet Liquid Rocket Company
P. O. Box 13222
Sacramento, California 94813

Director of Purchases
Adams Carbide
24141 Ann Arbor Trail
Dearborn Heights, Michigan

Director of Purchases
Aetna Standard Engineering Company
Park Avenue & Second Street
Ellwood City, Pennsylvania 16117

Director of Purchases
Adams Carbide
3100 Industrial Road
Livonia, Michigan 48150

Director of Purchases
Agri Craft Company Incorporated
353 Dawson Drive
Camarillo, California 93010

Director of Purchases
Advance Pressure Casting Corporation
276 Highway 53
Denville, New Jersey 07834

Director of Purchases
Air Equip-Drill
P. O. Box 1664
Bakersfield, California 93302

MCL001363

HARTOLDMON0002340

Director of Purchases
Air Products & Chem
17801 Arenth Avenue
City of Industry, California

Director of Purchases
Ajax Forging & Casting Company
205 Adair Street
Detroit, Michigan 48207

Director of Purchases
Airco Industrial Gases
~~1965 East 28th Street~~
~~Lorain, Ohio 44055~~

Director of Purchases
Ajax Hardware Manufacturing Corp.
825 Ajax Avenue
City of Industry, California 91747

Director of Purchases
Airco Vacuum Metals
735 Ashby Avenue
Berkeley, California 94710

Director of Purchases
Ajax Magnethermic Corporation
P. O. Box 991
1745 Overland Avenue N. E.
Warren, Ohio 44482

Director of Purchases
Air Reduction Company, Inc.
Central Research Lab
Murray Hill, New Jersey 07971

Director of Purchases
Alabama Oxygen
P. O. Box 308
Bessemer, Alabama 35020

Director of Purchases
Airoyal
43 Newark Way
Maplewood, New Jersey 07040

Alco Machinery and Supply
Director of Purchases
5 Beehman Street
New York, New York 10038

MCL001364

HARTOLDMON0002341

Director of Purchases
Allegheny Ludlum Steel Corporation
Box 5
Brackenridge, Pennsylvania

Director of Purchases

Allied Marine Corporation
2051 North West 11th Street
Miami, Florida 33125

Director of Purchases
Allegheny Ludlum Steel
General Purchasing Division
Oliver Building
Pittsburgh, Pennsylvania 15222

Director of Purchases
Louis Allis Company
21 East Stuart Street
Milwaukee 7, Wisconsin

Director of Purchases
Allied Chemical
Fibers Division
Box 31
Petersburg, Virginia 23803

Director of Purchases
Allis Chalmers
1126 South 70th Street
Milwaukee 1, Wisconsin

Allied Chemical
Director of Purchases
Specialty Chemicals Division
P.O. Box # E
Moundsville, W. Virginia 26014

Director of Purchases
Allis Chalmers Manufacturing Co.
Norwood Works
4620 Forest Avenue
Cincinnati, Ohio 45212

Director of Purchases
Allied Chemical Corporation
North Plant
State Route 2
Moundsville, West Virginia 26014

Director of Purchases
Alloy Die Casting
6550 Cabellero Boulevard
Buena Park, California

Director of Purchases
Alpha Industries, Incorporated
615 Center Avenue
Logansport, Indiana 46947

Director of Purchases
Ambrit Industries
1288 Los Angeles Street
Glendale, California

Director of Purchases
Alton Box Board
P. O. Box 276
Alton, Illinois 62002

Director of Purchases
American Aluminum Incorporated
219 Fifth Street
West Des Moines, Iowa 50265

Director of Purchases
Alton Box Board
Alton Mill,
Cut Street
Alton, Illinois 62002

Director of Purchases
American Aluminum, Incorporated
North Des Moines Street
Webster City, Iowa

Director of Purchases
Aluminum Die Casting Company
3462 San Fernando Road
Los Angeles, California 90065

Director of Purchases
American Bosch Division
Ambac Industries, Inc.
3664 Main Street
Springfield, Massachusetts 01107

Director of Purchases
Aluminum Forge
Altamil Corporation
502 East Alton Street
Santa Ana, California 92707

Director of Purchases
American Can Company
P. O. Box 3748
Modesto, California 95353

Director of Purchases
American Can Company
Route 31
Washington, New Jersey 07882

Director of Purchases
American Gilsonite
P. O. Box 900
Grand Junction, Colorado

Director of Purchases
American Chain and Cable
Louben Division
1729 Sadelwood Boulevard
Akron, Ohio

Director of Purchases
American Manufacturing Company
601 West McKee Street
Greenburgh, Indiana 47240

Director of Purchases
American Chemical
P. O. Box 9247
Long Beach, California 90810

Director of Purchases
American Motors
14250 Plymouth Road
Detroit, Michigan

Director of Purchases
American Compressor Company
11850 East Florence Avenue
Santa Fe Springs, California 90670

Director of Purchases
American Smelting & Refining
P. O. Box 3612
San Francisco, California 94119

Director of Purchases
American Cyanamid Company
P. O. Box 368
Savannah, Georgia

Director of Purchases
American Smelting &
Refining Company
Clover, Missouri

Director of Purchases
Amerock Corporation
4000 Auburn Street
Rockford, Illinois

Director of Purchases
Anadite Incorporated
Martin Machine
2027 Santa Fe
Los Angeles, California

Director of Purchases
Ameron Steel Producing Division
12459 Arrow Highway
Etiwanda, California 91739

Director of Purchases
Anchor Conveyor Division
Standard Alliance Ind., Inc.
6906 Kingsley Avenue
Dearborn, Michigan 48126

Director of Purchases
Ametek Strazza
790 Greenfield Avenue
El Cajon, California 92021

Director of Purchases
Anchor Coupling Company, Inc.
342 North Fourth Street
Libertyville, Illinois 60048

Director of Purchases
Amsted Industries
Amsted Steel Foundries
1700 Walnut Street
Granite City, Illinois 62040

Director of Purchases
Anheuser Busch
The A&E Eagle
c/o Allied Marine Corporation
2051 Northwest 11th Street
Miami, Florida

Director of Purchases
Anaconda Company
25 Broadway
New York, New York 10004

Director of Purchases
Anheuser Busch, Incorporated
721 Pestolozzi Street
St. Louis, Missouri

Director of Purchases
Anixter General Die Caster
6212 Akron Peninsula Road
Peninsula, Ohio 44264

Director of Purchases
Aro Incorporated
Invoice Division
Arnold AFB Station, Tennessee

Director of Purchases
Ansen Automotive
13715 South Western Avenue
Gardena, California 90249

Director of Purchases
Arrow Acme Corporation
411 Prospect
Webster City, Iowa

Director of Purchases
Arcturus Manufacturing Corporation
6001 Arcturus Avenue
Oxnard, California 93030

Director of Purchases
Arrow Aluminum Casting Company
3135 Berea Road
Cleveland 11, Ohio

Director of Purchases
Argonne Laboratory
9700 South Cass
Argonne, Illinois

Director of Purchases
Arrow Diecasting Company
4031 Goodwin Avenue
Los Angeles, California

Director of Purchases
Arnold Air Drilling
P. O. Box 727
Fort Smith, Arkansas 72901

Director of Purchases
Arrowhead Brass Products
5142 Alhambra Avenue
Los Angeles 32, California

MCL001369

HARTOLDMON0002346

Director of Purchases
Ashland Oil and Refining Company
1401 Winchester Street
Ashland, Kentucky

Director of Purchases
Atlanta Gas Light Company
P. O. Box 4569
Riverdale, Georgia 30302

Director of Purchases
Associated Milk Producers, Inc.
P. O. Box 920
Rochester, Minnesota 55901

Director of Purchases
Atlantic Richfield
P. O. Box 2819
Dallas, Texas 75221

Director of Purchases
Athens Foundry Corporation
101 North Main Street
Athens, Pennsylvania 18810

Director of Purchases
Atlantic Richfield
875 North Michigan Avenue
Chicago, Illinois 60611

Director of Purchases
Athens Oil Company
P. O. Box 178
Athens, Tennessee 37301

Director of Purchases
Atlantic Richfield
P. O. Box 250
Richland, Washington 99352

Director of Purchases
Atlantic Die Casting Company
2585 Beaufait Avenue
Detroit 7, Michigan

Director of Purchases
Atlantic Richfield
P. O. Box 958
Gillette, Wyoming 82716

Director of Purchases
Atlantic Steel Company
1365 Mecaslin Street North West
c/o Mill Storeroom
Atlanta, Georgia 30301

Director of Purchases
Badger Die Casting Corporation
201 West Oklahoma Avenue
Milwaukee, Wisconsin 53207

Director of Purchases
Atlas Systems
P. O. Box 496
Parkwater Station
Spokane, Washington 99211

Director of Purchases
Ball Corporation
4000 North Arden Drive
Muncie, Indiana 47302

Director of Purchases
Auto Control Laboratories
Div. Rucker Company, Inc.
5251 West Imperial Highway
Los Angeles, California 90045

Director of Purchases
Ball Corporation
1200 Townline Road
Tre 60 at Jct. 45
Mundelein, Illinois 60060

Director of Purchases
Aves Manufacturing Company
4211 Redwood Avenue
Los Angeles, California 90066

Director of Purchases
Ball Corporation
1856 Nedersonville Road
Asheville, North Carolina

Director of Purchases
Babcock & Wilcox Company
Tubular Products Division
P. O. Box 401
Beaver Falls, Pennsylvania

Director of Purchases
Ballman Engineering
601 International Avenue
Washington, Missouri 63090

Director of Purchases
Barber Coleman Company
1300 Rock Street
Rockford, Illinois

Director of Purchases
Bauer Ind. Sales
611 Dettford Avenue
Dayton , Ohio 45429

Director of Purchases
Barber Die & Tool
4707 West North Avenue
Chicago, Illinois 60639

Director of Purchases
A. J. Baxter Company
10171 West Jefferson
River Rouge, Michigan 49128

Director of Purchases
Baron Blakeslee
Division of Purex Corporation
9445 Ann Street
Santa Fe Springs, California 90670

Director of Purchases
City of Beacon
Commissioner of Accounts
City Office
Beacon, New York 12508

Director of Purchases
Basic Aluminum Castings Company
1325 East 168th Street
Cleveland 10, Ohio

Director of Purchases
Beardsley Piper Division
Pettibone Mullikin Company
2424 North Cicero Avenue
Chicago, Illinois

Director of Purchases
Baso Division
Penn Controls, Incorporated
4000 West Burnham
Milwaukee, Wisconsin

Director of Purchases
Belden Corporation
415 S. Kilpatrick Avenue
Chicago, Illinois 60644

Director of Purchases
Bell & Howell Company
7100 McCormick
Chicago, Illinois

Director of Purchases
Bendix Corporation
Scientific Instruments & Equip. Div.
1775 Mt. Read Boulevard,
Rochester, New York 14603

Director of Purchases
Bellows Valair
1150 Newark Road
Zanesville, Ohio 43701

Director of Purchases
Bendix Corporation
95th & Troost
Kansas City, Missouri

Director of Purchases
Belridge Oil Company
1300 West Fourth Street
Los Angeles, California 90017

Director of Purchases
Bendix Corporation
Scintilla Magneto Division
Sidney, New York

Director of Purchases
Bendix Corporation
11600 Sherman Way
North Hollywood, California

Director of Purchases
Bendix Corporation
Utica Division
211 Seward Avenue
Utica, New York

Director of Purchases
Bendix Corporation
Bendix Products
Aerospace Division
410 West Bendix Drive
South Bend, Indiana 46619

Director of Purchases

Bertram Delco

Kokomo, Indiana

Director of Purchases
Bethlehem Steel Corporation
701 East Third Street
Bethlehem, Pennsylvania

Director of Purchases
Blaw Knox Company
Farmers Bank Building
Pittsburgh, Pennsylvania

Director of Purchases
Big Three Industrial Gas & Equipment Company
P.O. Box 3047-TR
Houston, Texas 77011

Director of Purchases
Blaw Knox Company
Warwood Works
Warwood, West Virginia

Director of Purchases
Black and Decker Manufacturing Co.
Fountain Avenue
Lancaster, Pennsylvania

Director of Purchases
E.W. Bliss
Babcock and Wilcox
1501 Raff Road
Canton, Ohio

Director of Purchases

Blackwell Zinc

Blackwell, Oklahoma 74631

Director of Purchases
Boeing Company
Commercial Airplane Division
P.O. Box 3707
Seattle, Washington 98124

Director of Purchases
Blake Marine
12 Connybrook Road
Montvale, New Jersey 07645

Director of Purchases
Bohn Aluminum & Brass Corporatic
Division Universal American Corp.
E. Maumee Street
Adrian, Michigan

MCL001374

HARTOLDMON0002351

Director of Purchases
The Borden Company
Columbus Coated Fabrics
1280 North Grant Avenue
Columbus, Ohio 43216

Director of Purchases
Brackett Stripping Company, Inc.
P. O. Box 125
Topeka, Kansas 66601

Director of Purchases
Borg Warner Corporation
York Division
P. O. Box 159 2
York, New York 17405

Director of Purchases
C. F. Braun
2500 Orange Street
Alhambra, California 91802

Director of Purchases
Borg Warner Corporation
Calumet Steel Division
Box 217
Chicago Heights, Illinois 60411

Director of Purchases
Brewster Company
P. O. Drawer 1095
Shreveport, Louisiana 71102

Director of Purchases
Bossert Manufacturing Corporation
1002 Oswego Street
Utica, New York 13503

Director of Purchases
Bridgeport Brass
30 Grant Street
Bridgeport, Connecticut 06602

Director of Purchases
Bounty Shoes
R. H. Bouligny Company Inc.
433 West Morehead
Charlotte, North Carolina

Director of Purchases
Briggs & Stratton
P. O. Box 700
Milwaukee, Wisconsin 53201

Director of Purchases
Brown Company
Purchasing Department
Berlin, New Hampshire 03570

Director of Purchases
Bucyrus-Erie Company
P. O. Box 56
South Milwaukee, Wisconsin 53172

Director of Purchases
Brunswick Corporation
1700 Messler
Muskegon, Michigan

Director of Purchases
Budd Company
2450 Hunting Park Avenue
Philadelphia, Pennsylvania

Director of Purchases
Brush Beryllium Company
17876 St. Clair Avenue
Cleveland, Ohio 44110

Director of Purchases
Bunting Brass & Bronze Company
715 Spencer Street
Toledo, Ohio 43609

Director of Purchases
B&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

Director of Purchases
C&H Die Casting Incorporated
P. O. Box 1170
Temple, Texas

Director of Purchases
Buckeye Steel Castings Company
2211 Parsons Avenue
Columbus, Ohio

Director of Purchases
CE Refractories
101 Ferry Street
St. Louis, Missouri 63147

Director of Purchases
Cabot Corporation
Stellite Division
1020 West Park Avenue
Kokomo, Indiana 46901

Director of Purchases
The Carborundum Company
P. O. Box 337
Niagara Falls, New York 14302

Director of Purchases
Cabot Corporation
P. O. Box 1101
Pampa, Texas 79065

Director of Purchases
Cargill-Detroit Corporation
1250 Northcooks Road
Clawson, Michigan 48017

Director of Purchases
Calhoun Foundry Company, Inc.
South Clay Street
Homer, Michigan 49245

Director of Purchases
Carling Brewing
9400 Quincy Avenue
Cleveland, Ohio

Director of Purchases
Cameron Iron Works Incorporated
Oil Well Specialists
P. O. Box 1212
Houston, Texas

Director of Purchases
Carpenter Technology Corporation
P. O. Box 662
Reading, Pennsylvania 19603

Director of Purchases
Capstone Industries
P. O. Box 4 060
Corpus Christi, Texas 78408

Director of Purchases
Carrier Air Conditioning Company
Division Carrier Corporation
Box 1264
Syracuse, New York 13201

Director of Purchases
Carter Carburetor Corporation
2840 South Spring Avenue
St. Louis, Missouri

Director of Purchases
Catching Engineer
2101 Roberts Drive
Broadview, Illinois 60153

Director of Purchases
Carter Mech. Incorporated
Box 28
Galion, Ohio 44833

Director of Purchases
Caterpillar Tractor Company
Peoria 3, Illinois

Director of Purchases
Cast All Corporation
229 Liberty Avenue
Mineola, New York 11500

Director of Purchases
Celanese Polymer Company
160 Aterminal Avenue
Clark, New Jersey

Director of Purchases
Cast Forge Company
2440 West Highland Road
Howell, Michigan 48843

Director of Purchases
Central Die Casting & Mfg. Compan
2935 West 47th Street
Chicago, Illinois

Director of Purchases
Catalina Divers
P. O. Box 126
Avalon, California 90704

Director of Purchases
Century Electric Company
1806 Pine Street
St. Louis, Missouri

Director of Purchases
Cerro Corporation
Cerro Copper & Brass Division
Bellefonta, Pennsylvania

Director of Purchases
Chrysler Corporation
Indianapolis Foundry
1100 South Tibb Avenue
Indianapolis, Indiana

Director of Purchases
Char-Lynn Company
15151 Highway Five
Eden Prairie, Minnesota 55345

Director of Purchases
Ciba Pharmaceutical
556 Morris Avenue
Summit, New Jersey 07901

Director of Purchases
Chase Manufacturing
Chase Road
Douglas, Michigan

Director of Purchases
Cincinnati Shaper
P. O. Box 111
Cincinnati, 45211

Director of Purchases
Chemola Mfg. Company
4750 Clinton Drive
Houston, Texas

Director of Purchases
Cities Service Oil
Purchasing Deaprtment
P. O. Box 245
Tulsa, Oklahoma 73102

Director of Purchases
Chicago White Metal Casting Company
5239 West Grand
Chicago, Illinois 60639

Director of Purchases
Cities Service Gas Company
P. O. Box 25128
Oklahoma City, Oklahoma 73125

Director of Purchases
Cities Service
Tampa Agri. Chem Operations
P. O. Box 3269
Tampa, Florida 3360,

Director of Purchases
Clevite Corporation
Cleveland Graphite Bronze Division
Caldwell, Ohio

Director of Purchases
Melroe Company
Clark Equipment
Gwinner, North Dakota

Director of Purchases
Cliquot Club Company
725 Main Street
Millis, Maine 02054

Director of Purchases
Cleveland Crane & Engineering
1271 East 289th Street
Wickliffe, Ohio 41092

Director of Purchases
Clover Casting Company
P. O. Box 565
Redwood Highway South
Cloverdale, California 95425

Director of Purchases
Cleveland Graphite Bronze
Division Clevite Corporation
16800 St. Clair
Cleveland, Ohio 44110

Director of Purchases
Club Monarch Aluminum Division
Standard International Corporation
9205 Detroit Avenue
Cleveland, Ohio 44102

Director of Purchases
Clevite Corporation
Piezoelectric Division
232 Forbes Road
Bedford, Ohio

Director of Purchases
Clyde Equipment and Engr. Company
P. O. Box 1926
Bechtold Station
St. Louis, Missouri

P.O. Box 310
Arnold, Mo. 63010

MCL001380

HARTOLDMON0002357

Director of Purchases
Collins Radio
1930 Hiline Drive
Dallas, Texas 75207

Director of Purchases
Commercial Filters Corporation
415 Indianapolis Avenue
Lebanon, Indiana

Director of Purchases
Collins Radio
Cedar Rapids, Iowa

Director of Purchases
Commodity Steel Processing
6561 East 7 Mile Road
Detroit, Michigan 38234

Director of Purchases
Colorado Interstate Gas Company
P. O. Box 1087
Colorado Springs, Colorado

Director of Purchases
Commonwealth Edison
72 West Adams Street
P. O. Box 767
Chicago, Illinois 60690

Director of Purchases
Colson Company
440 Somerville Avenue
Somerville, Massachusetts 02143

Director of Purchases
Consolidated Aluminum Corporation
1100 Richmond
Jackson, Tennessee

Director of Purchases
Colt Industries
Crucible Magnetics Division
P. O. Box 100
Elizabethtown, Kentucky 42701

Director of Purchases
Consolidated Edison Company
of New York, Incorporated
4 Irving Place
New York, 3 New York

MCL001381

HARTOLDMON0002358

Director of Purchases
Constellation Steel Mill Equipment
200 West North Bend Road
Cincinnati, Ohio 45216

Director of Purchases
Continental Can, Co., Inc.
2727 West Higgins
Elk Grove Village, Illinois

Director of Purchases
Continental Can Company, Incorporated
1517 South Gertrude Place
Santa Ana, California

Continental Can Company, Inc.
Director of Purchases
11725 West 85th Street
Lenexa, Kansas 66215

Director of Purchases
Continental Can Company, Incorporated
Bond Crown & Cork Division
16th & Locust Streets
Wilmington, Delaware

Director of Purchases
Continental Can Company, Inc.
7100 East Baltimore Street
Baltimore, Maryland

Director of Purchases
Continental Can Company, Incorporated
135 South La Salle Street
Chicago 3, Illinois

Director of Purchases
Continental Can Company, Inc.
300 Ryders Lane
Milltown, New Jersey 08850

Director of Purchases
Continental Can Company, Incorporated
P. O. Box 1419
Clarksburg, West Virginia 26301

Director of Purchases
Continental Can Company, Inc.
170 Circle Drive North
Piscataway, New Jersey 08824

Continental Can Company, Inc.
Director of Purchases
19801 Holland Road
Cleveland, Ohio 44142

Director of Purchases
Continental Steel Corporation
South Plant
Kokomo, Indiana

Director of Purchases
Continental Can Company, Inc.
95 West Cresentville Road
Cincinnati, Ohio 45246

Director of Purchases
Copperweld Steel
Ohio Sheet Tube Division
Shelby, Ohio 44875

Director of Purchases
Continental Can Company, Inc.
4848 Giuton
P.O. Drawer 22085
Houston, 27, Texas

Director of Purchases
Countrys Delight Milk
Division of Certified Grocers of Ill.
5332 Southwestern Avenue
Chicago, Illinois 60609

Director of Purchases
Continental Emsco
P.O. Box 1522
Houston, Texas 77002

Director of Purchases
L.M. Cox Manufacturing Company
P.O. Box 476
Santa Ana, California

Director of Purchases

Continental Machines Incorporated

Savage, Minnesota 55378

Director of Purchases

Crane Company

4100 South Kedzie Avenue

Chicago, Illinois 62632

Director of Purchases
Crane Company
Airport Road
Jonesboro, Arkansas 72401

Director of Purchases
Custom Beverage & Canners
P. O. Box 1048
Charlotte, North Carolina 28201

Director of Purchases
Crist Machinery & Supply
Plateau Supply Incorporated
P. O. Box 563
Albuquerque, New Mexico 87103

Director of Purchases
Cuyahoga Industries Division
Basic Aluminum Castings Co.
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Crucible Steel Company of America
Sanderson Halcomb Works
Syracuse, New York

Director of Purchases
Cyclops Corporation
Empire Reeves Steel Division
913 Bowmen Street
Mansfield, Ohio 44901

Director of Purchases
W. F. Curlee Manufacturing Company
~~P. O. Box 776~~ 2810 Mowney Rd.
Houston, Texas

Returned
Sent 2/28

Director of Purchases
Daca Company
3/4 312 Carleton Avenue
Maryville, Michigan

Returned
Resent 2/28

Director of Purchases
Curtis Manufacturing
1905 Kienlen Avenue
St. Louis, Missouri 63133

Director of Purchases
Daisy Heddon Division
Victor Compometer Corporation
Rogers, Arkansas 72756

MCL001384

HARTOLDMON0002361

Director of Purchases
Dallas Die Casting Company
334 Rock Island Street
Dallas, Texas

Director of Purchases
Dayton Malleable Iron
3931 South Dixie Highway
Dayton, Ohio 45439

Director of Purchases
Dana Corporation
Perfect Circle Sleeve Division
Route 35 West
P. O. Box 990
Richmond, Indiana 47374

Director of Purchases
Deering Milliken, Incorporated
P. O. Box 1838
Spartanburg, South Carolina 29301

Director of Purchases
Dana Corporation
4100 Bennett Road
Toledo 1, Ohio

Director of Purchases
De Laval Manufacturing Company
811 Fourth Street
West Des Moines, Iowa

Director of Purchases

Davis Fire Brick Company

Oak Hill, Ohio 45556

Director of Purchases
De Laval Separator Company
350 Dutchess Turnpike
Poughkeepsie, New York 12602

Director of Purchases
J. H. Day Company
Cleveland Automatic Machine Company
Division
4932 Beech
Cincinnati 12, Ohio

Director of Purchases
Delmar Die Casting
17250 South Main
Gardena, California 90247

Director of Purchases
Delta Die Casting
217 Fay Avenue
Addison, Illinois 60101

Director of Purchases
Diamond Shamrock
Belle West, Virginia 25015

Director of Purchases
City of Detroit
City Controller
1110 City-County Building
Detroit, Michigan 48226

Director of Purchases
Die Cast Corporation
415 Cleveland Avenue
Sheboygan Falls, Wisconsin

Director of Purchases
A. P. De Sanno & Sons Incorporated
Phoenixville, Pennsylvania

Director of Purchases
Die Cast Manufacturing
10148 Rust Street
El Monte, California 91733

Director of Purchases
Diamond Chain Company
402 Kentucky Avenue
Indianapolis, Indiana

Director of Purchases
Dive Shop
110 West Main Street
Bayshore, New York 11706

Director of Purchases
Diamond Metal Alloys
P. O. Box 2119
Houston, Texas 77001

Director of Purchases
Divers Equipment
5800 Barrymore
Kansas City, Missouri 64134

Director of Purchases

Dix Line Casket Hardware Company

Galva, Illinois

Director of Purchases
Dow Chemical Company
P. O. Box 752
Russellville, Arkansas 72801

Director of Purchases
Dort Manufacturing Company
3283 South Dort Highway
Flint, Michigan 45807

Director of Purchases

Dow Chemical Company

P. O. Box 1724

Midland, Michigan

Director of Purchases

Double A Products Company

Manchester, Michigan

Director of Purchases
Dravo Corporation
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Dover-Hunter-Hays Company
106 Buena Vista S. E.
Alburquerque, New Mexico

Director of Purchases
Dresser Industries
P. O. Box 7247
Dallas, Texas 57209

Director of Purchases
Down Industrial Service
428 Thatcher Drive
Box 2429
Youngstown, Ohio 44509

Director of Purchases
Drumheller Tool & Die Company
7312 Elmo
Tujunga, California 91042

Director of Purchases
Dryad Die Casting Corporation
North Avenue
Manchester, New York

Director of Purchases
Dutton-Lainson Company.
1601 West Second Street
Hastings, Nebraska 68901

Director of Purchases
Duncan Industries Incorporated
751 Pratt Boulevard
Elk Grove Village, Illinois 60007

Director of Purchases

Dynamic Forge Corporation

Oxford, Nebraska

Director of Purchases
E.I. Du Pont de Nemours & Co., Inc.
Purchasing Department
Room 6074
Wilmington, Delaware

Director of Purchases
Eagle Iron Works
P.O. Box 934
Des Moines, Iowa 50304

Director of Purchasing
Duquesne Light
General Purchasing Department
Elrama, Pennsylvania 15038

Director of Purchases
East Chicago Machine Tool Corp.
4801 Railroad Avenue
East Chicago, Indiana 46312

Director of Purchases
Durrum Instruments
3950 Fabian Way
Palo Alto, California 94303

Director of Purchases
Eastern Castings
64 South William
Newburgh, New York 12550

MCL001388

HARTOLDMON0002365

Director of Purchases
Eastland Industries, Incorporated
P.O. Box 190
Eastland, Tx. 76448

Director of Purchases
E G & G Incorporated
P.O. Box 294
San Ramon, California 94583

Director of Purchases
Eastman Kodak Company
Kodak Part Works
543 State Street
Rochester 4, New York

Director of Purchases
E & H Specialties
1907 College Wood
Ypsilanti, Michigan 48197

Director of Purchases
Eaton Corporation
Char-Lynn Plant
15151 Highway 5
Eden Prairie, Minnesota 55343

Director of Purchases
Elano Corporation
2455 Dayton Xenia Road
Xenia, Ohio 45385

Director of Purchases
Eaton Corporation
1111 East 200th Street
Cleveland, Ohio

Director of Purchases
Electric Energy Incorporated
P.O. Box 165
Joppa, Illinois 62953

Director of Purchases
Eaton Yale & Towne, Incorporated
Eaton Valve Division
463 North 20th Street
Battle Creek, Michigan

Director of Purchases
Electrical Products Division
Midland Ross Corporation
2210 South David Street
Los Angeles, California 90022

Director of Purchases
Electrolux Corporation
Division Consolidated Foods Corporation
51 Forest Avenue
Old Greenwich, Connecticut 06870

Director of Purchases
Emerson Electric Company
In-Sink-Erator Division
4700 21st Street
Racine, Wisconsin

Director of Purchases
Elliott Company
North Fourth Street
Jeanette, Pennsylvania 15644

Director of Purchases
Empire Adhesives
70 Concord Street
North Reading, Massachusetts 0186-

Director of Purchases
El Paso Natural Gas
P.O. Box 1492
El Paso, Texas

Director of Purchases
Empire Die Casting Company
19800 Miles Avenue
Cleveland, Ohio 44128

Director of Purchases
The Elwell-Parker Electric Company
4205 St. Clair Avenue
Cleveland, Ohio 44103

Director of Purchases
Empire Plow Company
3140 East 65th Street
Cleveland, Ohio 44127

Director of Purchases
Mr. R.E. Petering
Emerson Electric Mfg. Company
Turrett Division
810 Florissant Avenue
St. Louis, Missouri

Director of Purchases
Erickson Corporation
211 St. Anthony Boulevard N.E.
Minneapolis, Minnesota

Director of Purchases
Erie Mining
Box 947
Hoyt Lake, Minnesota 55750

Director of Purchases
Excello Corporation
945 East State Street
Greenville, Ohio

Director of Purchases
Esco Corporation
2141 N. W. 25th Avenue
Portland, Oregon

Director of Purchases
Fan Steel Incorporated
Route 5
Box 238
Muskogee, Oklahoma 74401

Director of Purchases
Essex International Company
Polymer Division
2816 North Main Street
Rockford, Illinois 61103

Director of Purchases
Farrell Cheek Steel Company
710 Lane Street
Sandusky, Ohio 44870

Director of Purchases
Essex International
P. O. Box 278
618 Fourth Street
Three Rivers, Michigan 49193

Director of Purchases

Fate-Root Heath Company

Plymouth, Ohio 44865

Director of Purchases
Ethyl Corporation
1600 West 8 Mile Road
Ferndale, Michigan 48220

Director of Purchases
Federated Metals
P. O. Box 24038
Houston, Texas 77029

MCL001391

HARTOLDMON0002368

Director of Purchases
Federal Mogul Division
Federal Mogul Corporation
451 County Line Road
Mooresville, Indiana 46158

Director of Purchases
Florida Steel Corporation
P.O. Box 3321
Tampa, Florida 33601

Director of Purchases
Federal Mogul
2310 S. Industrial Highway
Ann Arbor, Michigan

Director of Purchases
Florida Steel
P. O. Box 518
Indiantown Electric Steel Mill
Indiantown, Florida 33456

Director of Purchases
Federal Screws Works, Incorporated
3401 Martin Avenue
Detroit, Michigan 48210

Director of Purchases
Fluid Controls Incorporated
P. O. Box 49
Mentor, Ohio 44060

Director of Purchases
Feem Products Incorporated
P. O. Box 242
Iola, Kansas 66749

Director of Purchases
Foote Mineral Company
Kemco Operation
Commercial Alley
Keokuk, Iowa 52632

Director of Purchases
University of Southern Florida
4202 Fowler Avenue
Tampa, Florida 33620

Director of Purchases
Ford Motor Company
Box 458
Dearborn, Michigan

Director of Purchases
Formex Company
Austin Street
P.O. Box 330
Greenville, Tennessee

Director of Purchases
Gedney Electric Company
Main Street
Terryville, Conn. 06786

Director of Purchases
Ft. Smith Industrial Foundation Corp.
P.O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
General Cable Corporation
500 High Street
Perth Amboy, N.J.

Director of Purchases
Fraser Machine Products
6338 Lindmar Drive
Goleta, California 92017

Director of Purchases
General Electric
Accounts Payable
Building 5, Room 137
Louisville, Kentucky 40225

Director of Purchases
J.L. French Corporation
3101 S. Taylor Drive
Sheboygan, Wisconsin

Director of Purchases
General Electric
1731 Edsall Avenue
Ft. Wayne, Indiana 46803

Director of Purchases
Gardner Denver Company
Gardner Expressway
Quincy, Illinois 62301

Director of Purchases
General Electric
Aerospace Electronics
Accounts Payable Dept.
Box 459
Utica, New York 13503

MCL001393

HARTOLDMON0002370

Director of Purchases
General Electric Company
Apparatus Service Shop
156 Circle Freeway Drive
Cincinnati, Ohio 45246

Director of Purchases
General Electric
Service Shop
175 Milens Road
Tonawanda, New York 14150

Director of Purchases
General Electric
Lamp Metals & Components
21800 Tungsten Road
Cleveland, Ohio 44117

Director of Purchases
General Motors Corporation
Delco Battery Operations
Delco Remy Division
1201 North Magnolia
Anaheim, California

Director of Purchases
General Electric Company
4811 Chaffey Access Road
Fort Smith, Arkansas

Director of Purchases
General Motors Corporation
Delco Remy Division
P. O. Box 2439
Accounts Payable Department
Anderson, Indiana 46011

Director of Purchases
General Electric
1801 South 12th Street
Allentown, Pa. 18103

Director of Purchases
General Motors Corporation
Delco Radio Division
Kokomo, Indiana

Director of Purchases
General Electric
Atomic Power Equipment Department
P. O. Box 254,
2151 South First Street
San Jose, California

Director of Purchases
General Motors
Central Foundry Division
77 West Center Street
Saginaw, Michigan 48605

Director of Purchases
General Motors Corporation
Chevrolet Motors Division
Roosevelt Town
Massena, New York 13662

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
Attn: Financial Dept.
P. O. Box 460
Massena, New York 13662

Director of Purchases
General Motors Corporation
Delco Remy Division
Accounts Payable Department
Anderson, Indiana 46014

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
P. O. Box 21
Buffalo, New York 14240

Director of Purchases
General Motors Corporation
Proving Grounds
Accounts Payable
Milford, Michigan 48042

Director of Purchases
General Motors Corporation
Chevrolet Bay City Plant
100 Fitzgerald Street
Bay City, Michigan 48706

Director of Purchases
General Motors Corporation
Buick Motor Division
Hamilton Avenue
Flint, Michigan

Director of Purchases
GMC Chevrolet Motor Division
Buffalo Plant
1001 East Delavan Avenue
P. O. Box 972
Buffalo, New York 14240

Director of Purchases
Pontiac Motor Division
Box 55
Pontiac, Michigan

Director of Purchases
General Motors Corporation
Chevrolet-Saginaw Grey Iron Foundry
10th and Washington
Saginaw, Michigan

Director of Purchases
General Dynamics Corporation
P. O. Box 748
Fort Worth, Texas 76101

Director of Purchases
General Motors Corporation
Central Foundry Division
77 West Center Street
Saginaw, Michigan

Director of Purchases
General Shale Products, Incorporated
P. O. Box 96
Morresville, Indiana 46158

Director of Purchases
General Motors Corporation
Definace Plant
Definace, Ohio

Director of Purchases
Georgetown Steel
P. O. Box 619
Georgetown, South Carolina 29440

Director of Purchases
General Motors Corporation
New Departure
Hyatt Bearings
Sandusky, Ohio 44871

Director of Purchases
Gerard Metal Craftsman
151 West Rosecrans Avenue
Gardena, California 90247

Director of Purchases
General Casting Corporation
Route 6
Jefferson Valley, New York 10535

Director of Purchases
Gerity Schultz Corporation
1810 Clinton Street
Toledo, Ohio 43607

Director of Purchases
Getty Oil Company
4201 Wilshire Boulevard
Tidewater Building
Los Angeles, 5 California

Director of Purchases
Glass Rock Products
2710 Marietta Boulevard N. W.
Atlanta, Georgia 30319

Director of Purchases
Getty Oil Company
P. O. Bin H
Taft, California 93268

Director of Purchases
Glass City Tool and Die Company
5202 Enterprise Boulevard
Toledo, Ohio 43612

Director of Purchases
Getty Oil Company
P. O. Box 954
Coalinga, California

Director of Purchases
Glen-Gery Corporation
P. O. Box 1656
East Canton, Ohio 44730

Director of Purchases
Gilmore Industries Inc.
3355 Richmond Road
Cleveland, Ohio 44122

Director of Purchases
Glenvale Products Division
Hoover Ball Bearing Company
P. O. Box 220
Malvern, Arkansas 72104

Director of Purchases
GIM Metal Products Inc.
164 Glen Cove Road
Carle Place, New York 11514

Director of Purchases
Global Supply
P. O. Box 1523
Houston, Texas 77001

Director of Purchases
Globe Industries Incorporated
1784 Stanley Avenue
Dayton 4, Ohio

Director of Purchases
Goulds Pumps Incorporated
Seneca Falls, New York 13148

Director of Purchases
Golden Foundry Company
1616 10th Street
Columbus, Indiana 47201

Director of Purchases
Grand Steel & Mfg. Company
1400 West 14 Mile Road
Clawson, Michigan 48017

Returned
Out of Business

Director of Purchases
The Goodyear Tire & Rubber Co.
Akron, Ohio 44315

Director of Purchases
Granite City Steel Company
Granite City, Illinois

Director of Purchases
Goslin-Birmingham, Incorporated
8th Avenue and 33rd Street North
Birmingham, Alabama 35222

Director of Purchases
Great Lakes Carbon Corporation
P. O. Box 2868
Carondelet Station
526 East Catalin Street
St. Louis, Missouri 63111

Director of Purchases
Gould Incorporated
Clevite Bearing Division
17000 St. Claire Avenue
Cleveland, Ohio 44110

Director of Purchases
Great Lakes Gas Transmission Compa
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Great Western Sugar Company
Terminal Annex
P. O. Box 5308
Denver, Colorado

Director of Purchases
Gulf Coast Aluminum Corporation
P. O. Box LL
Lake Charles, Louisiana 70601

Director of Purchases

A. P. Green Refractories

Mexico, Missouri 65265

Director of Purchases
Gulf Oil Corporation
P. O. Box 1166
Gulf Building
Pittsburgh, 40, Pa.

Director of Purchases
Griffin Pipe Products Company
R. D. Plant
1100 West Front Street
Florence, New Jersey 08518

Director of Purchases
Gulf States Tube Corporation
P. O. Box 952
Rosenberg, Texas 77471

Director of Purchases
Grinnell Corporation
P. O. Box 59
Columbia, Pennsylvania 17512

Director of Purchases
Hallenberger Incorporated
P. O. Box 5085
Evansville, Indiana 47711

Director of Purchases
Grotnes Machine Works Incorporated
5454 North Wolcott
Chicago, Illinois 60640

Director of Purchases
Hamco Division
Kayex Corporation
1000 Millstead Way
P. O. Box 8920
Rochester, New York 14624

Director of Purchases
Harvey Aluminum
P.O. Box 8
Lewisport, Kentucky 43251

Director of Purchases

Hanna Nickle Smelting Company

Riddle, Oregon 97469

Director of Purchases
Harvey Aluminum Incorporated
19200 South Western Avenue
Torrance, California 90509

Director of Purchases
H.M. Harper Company
8200 Le High Avenue
Morton Grove, Illinois 60053

Director of Purchases
Harvey Aluminum Reduction Division
P.O. Box 711
The Dalles, Oregon

Director of Purchases
Harrison Machine Company
3118 Station Road
P.O. Box W 67
Wesleyville, Erie, Pa. 16510

Director of Purchases
H.L. Harvill Manufacturing Company
24201 Orange Avenue
Perris, California

Director of Purchases
Harvey Aluminum of Washington
Star Route 677
P.O. Box 677
Goldendale, Washington 98620

Director of Purchases
Hatco Chemical Division
W.R. Grace & Company
King George Post Road
Fords, New Jersey, 08863

Director of Purchases
W. R. Grace & Company
Nitrogen Products
P. O. Box 277
Memphis, Tennessee 38101

Director of Purchases
Heat & Control
225 Shaw Road
San Francisco, California 94080

Director of Purchases
Havenly Products Company
Box 222
St. Clair Shores, Michigan

Director of Purchases
Heisler Machine & Tool Company
224 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Hawthorne Melody Farms Dairy
4201 West Chicago Avenue
Chicago, Illinois 60651

Director of Purchases
Helmerich & Payne Intl.
Utica & 21st Street
Tulsa, Oklahoma 74114

Director of Purchases
Hays Manufacturing Company
12th and Liberty Streets
Erie, Pennsylvania 16512

Director of Purchases
Hercules Incorporated
Radford Arsenal
Radford, Virginia

Director of Purchases
Peter Healey Brass Foundry Inc.
P. O. Box 4163
Station A
Evansville, Indiana 47711

Director of Purchases
Hewlett Packard Company
1401 Page Hill Road
Palo Alto, California 94304

Director of Purchases
High Voltage Power Corporation
Walk Up Drive
Westboro, Ma. 01581

Director of Purchases
Honeywell Incorporated
17300 South Western Boulevard
Gardena, California 90427

Director of Purchases
Hilliard Corporation
100 West 4th Street
Elmira, New York 14902

Director of Purchases
Honeywell Incorporated
Ordnance Division
600 2nd Street North
Hopkins, Minnesota

Director of Purchases
Hitchcock Industries, Incorporated
8701 Bloomington Avenue South
Minneapolis, Minnesota

Director of Purchases
Hooker Chemical Corporation
P. O. Box 344
Niagara Falls, New York

Returned

Director of Purchases
Holly Hydraulics Incorporated
Monmount Road
Rd. 1
Mt. Holly, New Jersey 08060

Director of Purchases
Hopping Foundry
367 Arroyo Parkway
Pasadena, California

Director of Purchases
Holt Industries, Inc.
5221 Lincolm Boulevard
Venice, California

Director of Purchases
Hot Springs Brass and Foundry Co.
418 Cleveland Street
Hot Springs, Arkansas 71901

Director of Purchases
E.F. Houghton & Company
300 West Lehigh Avenue
Philadelphia 33, Pennsylvania

Director of Purchases
Hugle Industries
625 North Pastoria Avenue
Sunnyvale, California 94086

Director of Purchases
Houston Systems Mfg.
P.O. Box 14551
Houston, Texas 77021

Director of Purchases
Humble Oil & Refining Company
Benicia Refinery
Benicia, California

Director of Purchases
Howmet Corporation
Aluminum Division
P.O. Box 1167 TR
Lancaster, Pennsylvania 17604

Director of Purchases
Hunt Wesson Foods Incorporated
Glass Container Corporation
P.O. Box 3758
Term Annex
Los Angeles, 54, California

Director of Purchases
Huckins Tool & Die Company
1010 Prairie Avenue
Southbend, Indiana 46621

Director of Purchases
Hunt Wesson Foods Incorporated
4421 West 31st Street
Chicago, Illinois

Director of Purchases
Huffaker Plumbing and Heating Co.
725 Front Street
Troy, Ohio 45373

Director of Purchases
Hyatt Die Casting & Engineering Co.
4656 Lincoln Avenue
Cypress, California 90630

Director of Purchases
Hydranamics Systems Corporation
19613 81st Street South
Kent, Washington

Director of Purchases
Illinois Brick Company
Block Plant 2
1234 Rd. and California
Blue Island, Illinois

Director of Purchases
Hydraulic & Air Equipment Company
1925 N. W. Quimby Street
Portland, Oregon 97209

Director of Purchases
Illinois Lock Company
301 West Hintz Road
Wheeling, Illinois 60090

Director of Purchases
Hydraulic Service Company
522 Township Line Road
Cheltenham, Pennsylvania 19012

Director of Purchases
Impact Die Casting Corporation
1212 East Sixth Street
Sandwich, Illinois

Director of Purchases
Hydro Conduit Corporation
P.O. Box 939
Corona, California 91720

Director of Purchases
Inductotherm Corporation
10 Indel Avenue
Rancocas, New Jersey 08073

Director of Purchases
Ideal Fishing Float Company, Inc.
2001 East Franklin Street
Richmond 3, Virginia

Director of Purchases
Industrial Castings Incorporated
9400 Meech Avenue
Cleveland, Ohio 44105

Director of Purchases
Ingersoll-Rand Company
Industrial Park
Campbellville, Ky. 42718

Director of Purchases
Interlakes Engineering
39200 Groesbeck Highway
Mt. Clemens, Michigan 48043

Director of Purchases
Intermarine Services, Incorporated
7016 North Loop East
Houston, Texas 77028

Director of Purchases

Ingram Richardson, Inc.

Frankfort, Indiana 46041

Director of Purchases
IMB Corporation
Monterey & Cottle Roads
San Jose, California 95114

Director of Purchases
International Cast Products, Inc.
1505 West 139th Street
Gardena, California

Director of Purchases
Interlake Steel Corporation
135th & Perry Avenue
Chicago, Illinois 60627

Director of Purchases
International Harvester Company
Melrose Park Works
10400 West North Avenue
Melrose Park, Illinois

HARTOLDMON0002382

Director of Purchases
International Paper Company
Southern Kraft Division
P. O. Box 2448
Mobile, Alabama 36601

Director of Purchases
ITT Controls and Instruments
801 Allen Avenue
Glendale, California

Director of Purchases
International Tool and Supply Company
P. O. Box 3292
Houston, Texas 77001

Director of Purchases
ITT Federal Support Services, Inc.
Federal Building
Box 100
Richland, Washington 99352

Director of Purchases
Ireco Industries Incorporated
1300 Bethel Drive
P. O. Box 2709
Eugene, Oregon 97402

Director of Purchases
ITT Rayonier Incorporated
P. O. Box 299
Hoquiam, Washington 98550

Director of Purchases
Town of Islip
County of Suffolk
Town Hall, Main Street
Islip, New York 11751

Director of Purchases
Jackes-Evans Manufacturing Co.
11737 Administration Drive
West Port Industrial Park
St. Louis, Missouri 53141

Director of Purchases
ITT Cannon Electric Company
666 East Dryer Road
Santa Ana, California

Director of Purchases
Jade Corporation
3063 Philmont Avenue
Bethayres, Pennslyvania 19006

Director of Purchases
Joslyn Stainless Steel
1701 McKinely Avenue
Ft. Wayne, Indiana

Director of Purchases
JMP Air Company
Lake Tenikeler
Star Route
Vian, Oklahoma 74926

Director of Purchases
The Joyce-Cridland Company
1st & Hott Streets
Dayton, Ohio 45403

Director of Purchases
Ben Johnson Associates, Inc.
460 South 1st Street
Bangor, Pennsylvania 18013

Director of Purchases
Julian Aluminum Foundry Company
13651 Helen
Detroit, Michigan 49212

Director of Purchases
Jones Boat Yard
3399 N. W. So. River Drive
Miami, Florida

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 89
Oakland, California 94604

Director of Purchases
E. M. Jorgensen Steel Company
8531 East Marginal Way South
Seattle, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 6217
Spokane 28, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
3400 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Kawneer Company
P.O. Box 516
Jonesboro, Georgia 20236

Director of Purchases
Kamin Die Casting
3315 North Knox
Chicago, Illinois 60641

Director of Purchases
M.W. Kellogg Company
711 Third Avenue
New York, New York

Director of Purchases
Kason Hardware Corporation
Colesville Road
Binghamton, New York 13902

Director of Purchases
Kelsey Hayes Company
38481 Huron River Drive
P.O. Box 98
Detroit, Michigan 48174

Director of Purchases
Kasper Foundry Company
P.O. Box 549
Elyria, Ohio 44035

Director of Purchases
Kenco Die Casting and Engineering C
14418 S. San Pedro Street
Gardena, California 90247

Director of Purchases
Kawecki Chemical Company
Wenatchee Works
P.O. Box 1704
Wenatchee, Washington 98801

Director of Purchases
Kennametal Incorporated
Labrobe, Pennsylvania 15650

Director of Purchases
Kennecott Copper Corporation
161 East 42nd Street
New York, New York 10017

Director of Purchases
Kiekaefer Mercury Division
Brunswick Corporation
1939 Pioneer Road
Fond du Lac, Wisconsin

Director of Purchases
Kerr McGee Corporation
c/o American Potash & Chemical Corp.
Kerr McGee Building
Oklahoma City, Oklahoma 73102

Director of Purchases
Kipstron Incorporated
1143 Furton S.E.
Grand Rapids, Michigan 49507

Director of Purchases
Keystone Brass Works Incorporated
944 West 12th Street
Erie, Pennsylvania 16512

Director of Purchases
Kitchen Quip Incorporated
Waterloo, Indiana

Director of Purchases
Keysonte Steel & Wire Company
6900 S. Adams Street
Peoria 7, Illinois

Director of Purchases
Koppers Company
Koppers Building
Room 1322
Pittsburgh, Pa. 15219

Director of Purchases
Kux Machine Corporation
2100 South Wolf Road
Des Plaines, Illinois

Director of Purchases
City of Lakeland
Division of Larsen Power Plant
Lackland, Florida

Director of Purchases
Kyle Machine Works
6928 Commerce Street
El Paso, Texas

Director of Purchases
Lansco Diecasting
9630 East Fern
South El Monte, California 91733

Director of Purchases
Laclede Gas Company
Purchasing Department
Drawer 9, Central Station
St. Louis, Missouri 63188

Director of Purchases

Latrobe Steel Company

Latrobe, Pennsylvania

Director of Purchases
Laclede Steel Company
Arcade Building
St. Louis, Missouri

Director of Purchases
Lectromelt Corporation
P. O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases

Laclede Steel

Alton, Illinois

Director of Purchases
Lester Engineering Company
2711 Church Street
Cleveland, Ohio 44113

Director of Purchases
Lester Industries, Incorporated
P.O. Box 46309
Bedford, Ohio 44146

Director of Purchases
E. C. Ernst Incorporated
c/o L. Jones & Laughlin
Blast Furnace Crow Island
West Aliquippa, Pa. 15001

Director of Purchases
Leydold-Heraeus
Seco Road
Monroeville, Pennsylvania 15416

Director of Purchases
Litton Industries Incorporated
Ingalls East Division
P.O. Box 149
Pascagoula, Mississippi

Director of Purchases
Libby Owens Ford Company
811 Madison Avenue
Toledo, Ohio

Director of Purchases
L&L Whitemetal Casting Corporation
480 Gotham Parkway
Carlstadt, New Jersey 07072

Director of Purchases
Lindberg Corporation
Furnace Division
1211 East Fewer Road
Schauburg, Illinois 60172

Director of Purchases
Jones & Laughlin Steel Corporation
SE Corner 3rd Avenue & Ross
Pittsburgh, Pa.

Director of Purchases
Ling Temco Vought Corporation
c/o J&L Steel Corporation
Hennepin Works Division
Hennepin, Illinois 61327

Director of Purchases
Lockheed California
3220 Thornton Avenue
Burbank, California 91503

Director of Purchases

Logansport Machine Company Inc.

Logansport, Indiana 46947

Director of Purchases

Lyons Diecasting

Buckner, Missouri

Director of Purchases
Logi Trol Incorporated
135 Weldon Parkway
Maryland Heights, Mo. 63043

Director of Purchases
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin 53704

Director of Purchases
Los Angeles Die Casting Company
340 Crocker
Los Angeles, California

Director of Purchases
Magna Copper Company
San Manuel Division
Refinery Warehouse
San Manuel, Arizona 85631

Director of Purchases
Louden Division
American Chain & Cable Company
Fairfield, Iowa

Director of Purchases
Magnesium Casting Company
98 Business Street
Hyde Park, Boston, Massachusetts

Director of Purchases
Lynchburg Foundry Company
58 Courtland Building
P.O. Drawer 411
Lynchburg, Virginia 28501

Director of Purchases
Magnus Metal Company
1029 West 7th Street
Cincinnati, Ohio 45203

Director of Purchases

Manco Mfg. Company

Bradley, Illinois

Director of Purchases
Marvel Engineering
7227 North Hamlin
Chicago, Illinois 60645

Director of Purchases
Marathon Oil Company
539 South Main
Findlay, Ohio 45840

Director of Purchases
Masten Corporation
3555 West Adison
Chicago, Illinois 60618

Director of Purchases

Marion Bronze Company

Marion, Ohio

Director of Purchases
Materials Transportation Company
1685 North Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Marine Purchasing Corporation
60 Broad Street
New York, New York 10004

Director of Purchases
Matthiessen & Hegeler
Zinc Company
LaSalle, Illinois 61301

Director of Purchases
G. C. Marshall Space Flight Center
Building 4485
Huntsville, Alabama 35812

Director of Purchases
McCullough Corporation
6101 West Century Boulevard
Los Angeles, California 90045

Director of Purchases
McDonnell-Douglas Astronautics Co.
Accounts Payable
5301 Balsa Avenue
Santa Monica, California 92647

Director of Purchases
Arthur G. McKee & Company
10 South Riverside Drive
Chicago, Illinois 60606

Director of Purchases
Mc Donnell-Douglas
Brown Road
St. Louis, Missouri

Director of Purchases
McLouth Steel Corporation
300 South Livernois Avenue
Detroit, Michigan

Director of Purchases
McGraw Edison Company
333 West River
Elgin, Illinois 60120

Director of Purchases
F. W. Means Company
1225 West High Street
Lexington, Kentucky 40508

Director of Purchases
Bersted Manufacturing Division
McGraw Edison Company
Tupelo, Mississippi 38801

Director of Purchases
Melamine Plastics Corporation
Div. Universal Manufacturing Co.
516 West Fourth Street
Winona, Minnesota

Director of Purchases
Power Systems Division
12th & Madison Avenues
South Milwaukee, Wisconsin 53172

Director of Purchases
Mercer Alloys Company
Transfer, Pennsylvania

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Director of Purchases
Mercer Alloys
P. O. Box 511
Greenville, Pennsylvania 16125

Director of Purchases
Michigan Wisconsin Pipe Company
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Metalart Buckle Company
166 Valley Street
Providence, Rhode Island 02909

Director of Purchases
Methodist Hospital
6516 Bertner Drive
Houston, Texas 77025

Director of Purchases

Micro Switch

Freeport, Illinois 61033

Director of Purchases
Metropolitan Edison Company
P. O. Box 542
Reading, Pennsylvania 19603

Director of Purchases
Mid American Canning Corporation
US 41A at Tucker
Schoolhouse Road
Madisonville, Kentucky 42431

Director of Purchases
Michigan Standard Alloys Incorporated
P. O. Box 691
Benton Harbor, Michigan 49022

Director of Purchases
Midland Division
Dexter Corporation
1785 North Eastern Avenue
Los Angeles, California 90032

Director of Purchases
Midland Ross Corporation
Electrical Products
Highway 11 Bypass
Congress Parkway
Athens, Tennessee

Director of Purchases
Minnesota Mining & Manufacturing Co.
P. O. Box 33121
St. Paul, Minnesota 55133

Director of Purchases
Midwest Fluid Power Company
4325 Harris Street
Toledo, Ohio 43613

Director of Purchases
Minnkota Paper Coop, Incorporated
P. O. Box 127
Center, N. C. 58530

Director of Purchases
Midwest Foundry Company
Division L. A. Darling Company
Coldwater, Michigan

Director of Purchases
Mirro Aluminum Company
Plant 2
Manitowoc, Wisconsin

Director of Purchases
Miller Tool & Die Company
835 Belden Road
Jackson, Michigan 49203

Director of Purchases
Mission Corporation
c/o Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma 74119

Director of Purchases
Milwaukee Die Casting Company
4132 North Holton Street
Milwaukee, Wisconsin 53211

Director of Purchases
Missouri Rogers Corporation
Missouri Casting Division
P. O. Box 1385
905 East Third Street
Joplin, Missouri 63801

Director of Purchases
Mobil Chemical Company
Chemical Coatings Division
P. O. Box 1388
Plainfield, New Jersey 07062

Director of Purchases
Modern Die Casting Corporation
5419 North Kedzie Avenue
Chicago, Illinois 60640

Director of Purchases
Mobil Oil Corporation
P. O. Box 2122
Los Angeles, California 90054

Director of Purchases
Modern Equipment Company
336 South Spring Street
Port Washington, Wisconsin 53074

Director of Purchases
4 Penn Center Plaza
16th & J.F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103

Director of Purchases
Moen Machine Works
9425 Norwalk Boulevard
Santa Fe Springs, California 90670

Director of Purchases
Moffitt Incorporated
P. O. Box 136
Penna Route 136
Eighty Four, Pennsylvania 153330

Mobil Oil Corporation
Attn: Director of Purchases
P. O. Box 3311
Beaumont, Texas

Director of Purchases
Moline Malleable Iron Company
St. Charles, Illinois 60174

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Director of Purchases
Montgomery Elevator Company
4135 Brownsville Road
Pittsburgh, Pennsylvania

Director of Purchases
A. B. Mueller & Company
2101 East John Street
St. Louis, Missouri

Director of Purchases
Montana Power
Purchasing Department
P. O. Box 1338
Butte, Montana 59701

Director of Purchases
Murdock Incorporated
15800 South Avalon Boulevard
Compton, California 90220

Director of Purchases

Jack Morris

Neddesha, Kansas 66757

Director of Purchases
T. O. Murphy
247 West Lorain
Oberlin, Ohio 44074

Director of Purchases

Mueller Company
630 Lambert
Brea, California 92621

Director of Purchases
L. W. Nash Company
P. O. Box 151
E. Palestine, Ohio 44413

Director of Purchases

Mueller Brass Company

Port Huron, Michigan

Director of Purchases
Nassau Smelting & Refining Company
1 Nassau Place
Staten Island, New York 10307

Director of Purchases
National Aluminum
c/o Brown & Roote
Hawesville, Kentucky

Director of Purchases
National Metallurgical
1801 South A Street
P. O. Box 56
Springfield, Oregon 97477

Director of Purchases
National Cooperative
Refinery Association
McPherson, Kansas

Director of Purchases
National Starch & Chemical Corp.
1735 West Frong Street
Plainsfield, N. J. 07063

Director of Purchases
National Gypsum Company
North Avenue
Garwood, New Jersey

Director of Purchases
Natural Gas Pipe Line Co. of Am.
122 South Michigan Avenue
Chicago 3, Illinois

Director of Purchases
National Machinery
Greenfield & Staunton Streets
Tiffin, Ohio 44883

Director of Purchases
Natural Gas Pipe Line Co. of Am.
Box 72
Highway 34
Jackson, Missouri 63755

Director of Purchases
National Metal Abrasive Company
3560 Norton Road
Cleveland, Ohio 44111

Director of Purchases
Nefco Filter Corporation
Box 280
Stoughton, Wisconsin 53589

Director of Purchases
Neuschotz Engineering
6500 South Avalon Boulevard
Los Angeles, California 90003

Director of Purchases
Nordberg Manufacturing Company
P. O. Box 383
Milwaukee, Wisconsin 53201

Director of Purchases
City of New Madrid
c/o Noranda Aluminum, Inc.
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
Norris Industries
5215 South Boyle Avenue
Los Angeles, California 90058

Director of Purchases
Newman Machine Company Inc.
P. O. Box 5467
Greensboro, N. C. 27403

Director of Purchases
North American Foundry Company
4721 Zero Street
Fort Smith, Arkansas 72901

Director of Purchases
N. L. Industries, Incorporated
Titanium Division
Carondelet Station
St. Louis, Missouri

Director of Purchases
North American Manufacturing Co.
4455 East 71st Street
Cleveland, Ohio 44105

Director of Purchases
Noranda Mines
Conductor Division
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
North American Rockwell Corp.
1700 East Imperial Highway
El Segundo, California

Director of Purchases

Northern Packaging Corporation
777 Winning Park Avenue
Rochester, New York
14613

Director of Purchases
Novamont Corporation
Neal Works
P. O. Box 189
Kenova, West Virginia 25530

Director of Purchases
Northland Resources
P. O. Box 668
Rangely, Colorado

Director of Purchases
Oak Manufacturing Company
650 South Avenue 21
Los Angeles, California 90031

Northern Malleable Iron Company
867 Forest Street
St. Paul, Minnesota 55106

Attn: Director of Purchases

Director of Purchases
Obear Nester Glass Company
Lincoln Plant
Lincoln, Illinois, 62656

Director of Purchases
Northrop Corporation
Aircraft Division
3901 West Broadway
Hawthorne, California 90250

Director of Purchases
Ocean Drilling & Exploration Company
P. O. Box 61780
1600 Canal Street
New Orleans, Louisiana 70160

Director of Purchases
Northwestern Steel & Wire
121 Wallace Street
Sterling, Illinois 61081

Director of Purchases
Ohio Brass Company
300 North Diamond Street
Mansfield, Ohio 44902

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Director of Purchases
Ohio Energy Systems
1055 West 3rd Street
Columbus, Ohio 43212

Director of Purchases
Oregon Steel Mills
5200 N.W. Front Avenue
Portland, Oregon 97210

Director of Purchases
Oil States Rubber Company
P.O. Box 670
Arlington, Texas 76010

Director of Purchases
Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida 32801

Director of Purchases
Olin Corporation
P.O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Ormet Corporation
P.O. Box 176
Omal, Ohio 43931

Director of Purchases
Omark Industries
Williams Air Control Division
14100 S.W. 72nd
Portland, Oregon 97223

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Boston, Massachusetts 02129

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Wheeling, West Virginia 26003

Director of Purchases
Western Textile Company
P. O. Box 7139
St. Louis, Missouri 63177

Director of Purchases
Westinghouse Electric Corporation
6001 Southwest Shore Boulevard
Tampa, Florida 33616

Director of Purchases
White Rodgers Company
9797 Reavis Road
St. Louis, Missouri

Director of Purchases
Westinghouse Electric Corporation
Small Motor Division
P. O. Box 566
Lima, Ohio 45801

Director of Purchases
Whiting Corporation
157th and Lathrop
Harvey, Illinois 60426

Director of Purchases
West Virginia Pulp and Paper
299 Park Avenue
New York, New York 10017

Director of Purchases
Whittaker Corporation
Peat Mfg. Div.
10711 East Firestone Boulevard
Norwalk, California 90650

Director of Purchases
Wichita Falls Foundry & Machine Co.
P. O. Box 1150
Wichita Falls, Texas 76308

Director of Purchases
Withrow Diecasting Company
13164 Leadwell
North Hollywood, California 91605

Director of Purchases
Wiley Cork Company
14th & Church Streets
Wilmington, Delaware 19899

Director of Purchases

Alan Wood Steel Works

Conshohockten, Pennsylvania

Director of Purchases
Will Brothers Manufacturing Company
3418 McDougall
Detroit, Michigan 48207

Director of Purchases

Wood Preservers Incorporated

Warsaw, Virginia 22572

Director of Purchases
Wilson Diecasting Corporation
501 Main
Grain Valley, Missouri

Director of Purchases
Wynn Oil Company
1151 West 5th Street
Azusa, California

Director of Purchases
K. R. Wilson Div.
Chishalm-Ryder Company, Inc.
Arcade, New York 14009

Director of Purchases
Young & Bertke Company
2118 Winchell Avenue
Cincinnati, Ohio 45214

Director of Purchases
Youngstown Sheet & Tube Company
Stambaough Building
Youngstown, Ohio

Director of Purchases
Zapata Offshore Company
1701 Houston Club Building
Houston, Texas 77002

Director of Purchases
A. J. Zinda Company
3509 N. W. Stre[redacted]
Helens Road
Portland, Oregon 97201

Director of Purchases
Chelsea Indust. Inc. Park
Salem Plastics & Chemical Inc.
49 Congress
Salem, Massachusetts 01970

Director of Purchases
Outboard Marine
Waukegan, Illinois 60085

Director of Purchases
Columbia Gas
120 East 41st Street
New York, New York 10017

Director of Purchases
Outboard Marine Corporation
Cale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases
Komarek-Greaves
10735 Higgins Road
Rosemont, Illinois 60018

Director of Purchases
Pacific Gas Equipment Co.
P. O. Box 28188
Sacramento, California 95828

Director of Purchases
Laclede Steel
Equitable Building
St. Louis, Missouri

Director of Purchases
Piping Systems
2705 Bernice Road
Lansing, Illinois 60438

Director of Purchases
Mobil Oil Corporation
150 East 42nd Street
New York, New York 10017

Director of Purchases
L. S. Rockefeller
111 West 50th Street
New York, New York 10020

MCL001454
HARTOLDMON0002431

Director of Purchases
Transcontinental Gas Pipe Line Corp.
3100 Travis Street
Houston, Texas 77001

Mr. J. T. Bunting
Aluminum Company of America
1501 Alcoa Building
Pittsburgh, Pennsylvania

Director of Purchases
United Construction
Westminster, California 92683
Returned

Mr. Tom Shibley
Armco Steel Corporation
703 Curtis Street
Middletown, Ohio

Director of Purchases
Westinghouse Electric Corp.
3 Gateway Center
Pittsburgh, Pennsylvania 15230

Mr. Tom Voss, Buyer
Inland Steel
3210 Watling Street
East Chicago, Indiana 46312

Mr. Bill Mihalo
Senior Lube Engineer
Inland Steel
3210 Watling Street
East Chicago, Indiana

Mr. Tom Rex
Purchasing Agent
U. S. Steel
525 William Penn Place
Pittsburgh, Pa. 15230

MCL001455
HARTOLDMON0002432

Director of Purchases
Alliance Machine Company
1049 South Mahoning
Alliance, Ohio 44601

Director of Purchases
Morgan Engineering Company
Broadway & PPR
Alliance, Ohio 44601

Director of Purchases
Cleveland Crane Engineering
1271 East 289
Cleveland, Ohio 44132

Director of Purchases
Osborn Manufacturing Company
5401 Hamilton Avenue
Cleveland, Ohio 43219

Director of Purchases
Cuyahoga Industries
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Park Ohio Industries
Tacco Division
3800 Harvard
Cleveland, Ohio 43203

Director of Purchases
H. P. M. Castmaster
820 Marion Road
Mt. Gilead, Ohio 43338

Director of Purchases
Taylor Winfield Manufacturing
Mahoning Avenue
Warren, Ohio 44483

Director of Purchases

Logansport Machine Company

Logansport, Indiana 46947

Director of Purchases
Acushnet Process Company
776 Belleville Avenue
New Bedford, Massachusetts 02745

Director of Purchases
Anchor Packing Company
401 North Broad Street
Philadelphia, Pennsylvania 19108

Director of Purchases
Amercoat Corporation
Department T
Brea, California

Director of Purchases
Andrew Brown Paint Company
5413 South District Boulevard
Los Angeles, California

Director of Purchases
American Sealants Company
115 North Mountain Road
Hartford 11, Connecticut

Director of Purchases
Bearings, Inc.
3634 Euclid Avenue
Cleveland, Ohio 44115

Director of Purchases
Anaconda Metal Hose Division
Anaconda American Brass Company
Waterbury, Connecticut 06720

Director of Purchases
Briggs Filtration Division
Bowser Corporation
Cookeville, Tennessee

Director of Purchases
Anchor Coupling Company
3600 North Fourth Street
Libertyville, Illinois

Director of Purchases
Capital Engineering Company
5839 Ashland Avenue
Chicago, Illinois

Director of Purchases
A. W. Chesterton Company
Everett,
Massachusetts 02149

Director of Purchases
Carrol Products
148 Marine Street
Farmingdale, New York

Director of Purchases
Chicago Rawhide Manufacturing
Company
1311 Elston
Chicago, Illinois 60622

Director of Purchases
Commercial Filters Corporation
(Honan-Crane)
Lebanon, Indiana

Director of Purchases
Chiksan Division
FMC Corporation
332 N. Brea Boulevard
Brea, California

Director of Purchases
Crane Packing Company
6400 Dakton Street
Morton Grove, Illinois 60053

Director of Purchases
C. E. Conover & Company, Inc.
333 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Cuno Engineering Corporation
Sub. of American Machine
& Foundry
4627 S. Vine Street
Meriden, Connecticut

Director of Purchases
Carboline Company
32 R Hanley Industrial Court
St. Louis, Missouri

Director of Purchases
Dollinger Corporation
20 Centre Park
Rochester 3, New York

Director of Purchases
Eastman Manufacturing Company
Department T. R.
6300 West Howard Street
Chicago, Illinois

Director of Purchases
The Glidden Company
900 Union Commerce Building
Cleveland, Ohio

Director of Purchases
Electric Hose & Rubber Company
1201 Duro Street
Wilmington, Delaware

Director of Purchases
Goshen Rubber Company Inc.
P. O. Box 416
Goshen, Indiana 46526

Director of Purchases
W. P. Fuller & Company
1645 West Valencia Drive
Fullerton, California

Director of Purchases
Greene, Tweed & Company
North Wales,
Pennsylvania 19454

Director of Purchases
Garlock Packing Company
Palmyra,
New York 14522

Director of Purchases
Hercules Packing Corporation
11061 Walden Road
Alden, New York 14004

Director of Purchases
Gates Rubber Company
999 South Broadway
Denver, Colorado 80217

Director of Purchases
Hilliard Corporation
98 West Fourth Street
Elmira, New York

Director of Purchases
Imperial Eastman Corporation
6300 West Howard Street
Chicago, Illinois

Director of Purchases
Lowe Brothers Company
Third & Madison Streets
Dayton, Ohio

Director of Purchases
Interchemical Corporation
Finishes Division
1255 T Broad Street
Clifton, New Jersey

Director of Purchases
Magna Coatings & Chemical Corp.
1785 North Eastern Avenue
Los Angeles, California

Director of Purchases
International Packing Corporation
Bristol,
New Hampshire 03104

Director of Purchases
Marvel Engineering Company
7227 North Hamlin Avenue
Chicago 45, Illinois

Director of Purchases
Johns-Manville
22 East 40th Street
New York, New York 10016

Director of Purchases
C.W. Marsh Company
36 Hudson Street
Muskegon, Michigan 49441

Director of Purchases
Greer Hydraulics, Inc.
5930 West Jefferson Boulevard
Los Angeles, California

Director of Purchases
Minnesota Rubber Company
3630 Wooddale Avenue
Minneapolis, Minnesota 55416

MCL001460
HARTOLDMON0002437

Director of Purchases
Nycote Laboratories
15002 Delano Street
Van Nuys, California

Director of Purchases
Parker Seal Company
10567 Jefferson Boulevard
Culver City, California 90230

Director of Purchases

Lewis Products

Hohenwald, Tennessee 38462

Director of Purchases
Plastic & Rubber Products Company
2100 Hyde Park Boulevard
Los Angeles, California 90047

Director of Purchases
Pall Corporation
32 Sea Cliff Avenue
Glen Cove, L.I., New York

Director of Purchases
Precision Rubber Products Corp.
Hartmann Drive
Lebanon, Tennessee 37087

Director of Purchases
Plastic & Rubber Engineering Inc.
756 East Florence Avenue
Los Angeles, California 90001

Director of Purchases
Purolator Products
1000 New Brunswick Avenue
Rahway, New Jersey

Director of Purchases
Pittsburgh Plate Glass Company
One Gateway Center
Pittsburgh 22, Pa.

Director of Purchases
Raybestos-Manhattan, Inc.
Packing Division
Passaic, New Jersey

Director of Purchases
Reliable Rubber Products
Eddyington
Pennsylvania 19020

Director of Purchases
Samuel Moore Company
Mantua, Ohio

Director of Purchases
Rinshed--Mason Company
5935 Milford
Detroit, Michigan

Director of Purchases
Saran Protective Coatings Company
2415 Burdette at Reed
Ferndale, Michigan

Director of Purchases
Resistoflex Corporation
Roseland, New Jersey

Director of Purchases
Schroeder Bros. Corporation
101 Nichol Avenue
McKees Rocks, Pennsylvania

Director of Purchases
Rosaen Filter Corporation
1776 East Nine Mile Road
Hazel Park, Michigan

Director of Purchases
Serfilco Division
Service Filtration Corporation
7408 North Milwaukee
Niles, Illinois 60648

Director of Purchases
Royalty Paint & Varnish Company
Pasadena, California

Returned

Director of Purchases
Sherwin Williams Company
101 Prospect Avenue N. W.
Cleveland, Ohio

MCL001462
HARTOLDMON0002439

Director of Purchases
Stratoflex, Incorporated
222 Roberts Cutoff Road
Fort Worth, Texas

Director of Purchases
Titanine, Incorporated
Seagrave Corporation
Elmwood & Morris Avenues
Union, New Jersey

Director of Purchases
U.S. Paint, Lacquer & Chemical
Company
2101 Singleton
St. Louis, Missouri

Director of Purchases
Weatherhead Corporation
302 East 131st Street
Cleveland, Ohio 44108

Director of Purchases
Vellumoid Company
Rockdale Street and Beaman Avenue
Worchester, Massachusetts 01606

MCL001463
HARTOLDMON0002440

Director of Purchases

Dow Corning Corporation

Midland, Michigan

Director of Purchases

Finch Paint & Chemical Company

Torrence, California

Director of Purchases

Friesland Plastics Company

Friesland, Wisconsin

Director of Purchases
Fulflo Specialties Company, Inc.
410 Fancy Avenue
Blanchester, Ohio

Director of Purchases
General Electric Company
Insulating Materials Department
1 Campbell Road
Schenectady 6, New York

Director of Purchases
The James Walker Packing Co., Inc.
P.O. Box 75
Chicago Heights, Illinois 60411

Director of Purchases
Permatex Company
Department T.R.
Flagler Court Building
West Palm Beach, Florida

Director of Purchases
W.S. Shamban Company
11617 West Jefferson Boulevard
Culver City, California 90230

Returned

Director of Purchases
Shell Chemical Company
110 West 51st Street
New York, New York

Director of Purchases
Rockwell Mechanical Packing Co., Inc.
1634 Long Beach Avenue
Los Angeles, California 90021

MCL001464
HARTOLDMON0002441

Director of Purchases

El Paso Natural Gas

Sumas, Washington 98295

Director of Purchases
Pennwalt Corporation
2901 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Reynolds Metals
P. O. Box 999
Longview, Washington 98632

Director of Purchases
Western Gear Corporation
2100 Norton
Everett, Washington 98201

Mr. Milton Tegethoff
Findett Service Company
Route # 1
P. O. Box 13 C
St. Charles, Missouri 63301

MCL001465
HARTOLDMON0002442

Mr. Richard L. Leslie
Vickers Division
Sperry Rand Corporation
P. O. Box 302
Troy, Michigan 48084

Director of Purchases
Cleveland Automatic Machine Co.
1401 Spring Grove Avenue
Cincinnati, Ohio 45223

Mr. Paul Schacht
Racine Hydraulics
2000 Albert Street
Racine, Wisconsin 53404

Director of Purchases
Kux Machine Division
The Wickes Corporation
2100 South Wolf Road
Des Plaines, Illinois 60018

Mr. Edmund A. Klein
Denison Division
Abex Corporation
1160 Dublin Road
Columbus, Ohio 43216

Mr. John Harvill
H. L. Harvil Manufacturing Company
Orange Avenue
Perris, California

Mr. George Czarnecki
Delaval Turbine
Turbine Auxiliaries Division
Trenton, New Jersey 08602

Director of Purchases
Lester Engineering Company
2711 Church Avenue
Cleveland, Ohio 44113

Director of Purchases
D&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

Director of Purchases
Prince Manufacturing Company
Windcrest Drive
Holland, Michigan 49423

MCL001466
HARTOLDMON0002443

Director of Purchases
Joy Manufacturing Company
Dept. 8
Oliver Building
Pittsburgh, Pa. 15222

Director of Purchases
Norwalk Company, Incorporated
20 North Water Street
South Norwalk, Conn. 06856

Director of Purchases
Schramm Incorporated
810 East Virginia Avenue
West Chester, Pennsylvania 19380

Director of Purchases
Worthington Corporation
401 Worthington Avenue
Harrison, New Jersey 07029

Director of Purchases
Clark Brothers Company
Division of Dresser Industries
600 Lincoln Avenue
Olean, New York 14760

MCL001467
HARTOLDMON0002444

Director of Purchases
Chicago Pneumatic Tool Company
8 East 44th Street
New York, New York 10017

Director of Purchases
American Messer Corporation
240 Madison Avenue
New York, New York 10016

Director of Purchases
Cooper Bessemer
Box 751
Mount Vernon, Ohio 43050

Director of Purchases
Atlas Copco, Incorporated
102 Commerce Way
Hackensack, New Jersey 07602

Director of Purchases
Delaval Turbine Inc.
852 Nottingham Way
Trenton, New Jersey 08602

Director of Purchases
Bury Compressor Company
1100 West 17th Street
Erie, Pennsylvania 16512

Director of Purchases
Gardner Denver Company
100 Williamson St.
Quincy, Illinois 62301

Director of Purchases
Carrier Corporation
Carrier Building
Syracuse, New York

Director of Purchases
Ingersoll Rand Company
11 Broadway
New York, New York 10004

MCL001468
HARTOLDMON0002445

Director of Purchases
E&C Division
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Swindell Dressler
441 Smithfield Street
Pittsburgh, Pa. 15222

Director of Purchases
Koppers Company, Incorporated
E&C Division
Koppers Building
Pittsburgh, Pa. 15219

Director of Purchases
Weinman Pump & Supply
110 Delta Drive
RIDC Industrial Park
Blaw Knox, Pennsylvania 15238

Director of Purchases
Lectromelt Corporation
32nd Street
P.O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases
Mesta Machine Company
P.O. Box 1466
Pittsburgh, Pennsylvania 15230

Director of Purchases

Pennsylvania Engineering Corporation

New Castle, Pennsylvania 16103

MCL001469
HARTOLDMON0002446

Director of Purchases
Dow Corning Corporation
Midland, Michigan

Director of Purchases
Finch Paint & Chemical Comp any
Torrence, California

Director of Purchases
Friesland Plastics Company
Friesland, Wisconsin

Director of Purchases
Fulflo Specialties Company, Inc.
410 Fancy Avenue
Blanchester, Ohio

Director of Purchases
General Electric Company
Insulating Materials Department
1 Campbell Road
Schenectady 6, New York

Director of Purchases
The James Walker Packing Co., Inc.
P.O. Box 75
Chicago Heights, Illinois 60411

Director of Purchases
Permatex Company
Department T.R.
Flagler Court Building
West Palm Beach, Florida

Director of Purchases
W.S. Shamban Company
11617 West Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Shell Chemical Company
110 West 51st Street
New York, New York

Director of Purchases
Rockwell Mechanical Packing Co., Inc.
1634 Long Beach Avenue
Los Angeles, California 90021

MCL001470
HARTOLDMON0002447

Director of Purchases
Stratoflex, Incorporated
222 Roberts Cutoff Road
Fort Worth, Texas

Director of Purchases
Titanine, Incorporated
Seagrave Corporation
Elmwood & Morris Avenues
Union, New Jersey

Director of Purchases
U.S. Paint, Lacquer & Chemical
Company
2101 Singleton
St. Louis, Missouri

Director of Purchases
Weatherhead Corporation
302 East 131st Street
Cleveland, Ohio 44108

Director of Purchases
Vellumoid Company
Rockdale Street and Beaman Avenue
Worchester, Massachusetts 01606

MCL001471
HARTOLDMON0002448

Director of Purchases
Reliable Rubber Products
Eddyington
Pennsylvania 19020

Director of Purchases
Samuel Moore Company
Mantua, Ohio

Director of Purchases
Rinshed--Mason Company
5935 Milford
Detroit, Michigan

Director of Purchases
Saran Protective Coatings Company
2415 Burdette at Reed
Ferndale, Michigan

Director of Purchases
Resistoflex Corporation
Roseland, New Jersey

Director of Purchases
Schroeder Bros. Corporation
101 Nichol Avenue
McKees Rocks, Pennsylvania

Director of Purchases
Rosaen Filter Corporation
1776 East Nine Mile Road
Hazel Park, Michigan

Director of Purchases
Serfilco Division
Service Filtration Corporation
7408 North Milwaukee
Niles, Illinois 60648

Director of Purchases
Royalty Paint & Varnish Company
Pasadena, California

Director of Purchases
Sherwin Williams Company
101 Prospect Avenue N. W.
Cleveland, Ohio

MCL001472
HARTOLDMON0002449

Director of Purchases
Nycote Laboratories
15002 Delano Street
Van Nuys, California

Director of Purchases
Parker Seal Company
10567 Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Lewis Products
Hohenwald, Tennessee 38462

Director of Purchases
Plastic & Rubber Products Company
2100 Hyde Park Boulevard
Los Angeles, California 90047

Director of Purchases
Pall Corporation
32 Sea Cliff Avenue
Glen Cove, L.I., New York

Director of Purchases
Precision Rubber Products Corp.
Hartmann Drive
Lebanon, Tennessee 37087

Director of Purchases
Plastic & Rubber Engineering Inc.
756 East Florence Avenue
Los Angeles, California 90001

Director of Purchases
Purolator Products
1000 New Brunswick Avenue
Rahway, New Jersey

Director of Purchases
Pittsburgh Plate Glass Company
One Gateway Center
Pittsburgh 22, Pa.

Director of Purchases
Raybestos-Manhattan, Inc.
Packing Division
Passaic, New Jersey

Director of Purchases
Imperial Eastman Corporation
6300 West Howard Street
Chicago, Illinois

Director of Purchases
Lowe Brothers Company
Third & Madison Streets
Dayton, Ohio

Director of Purchases
Interchemical Corporation
Finishes Division
1255 T Broad Street
Clifton, New Jersey

Director of Purchases
Magna Coatings & Chemical Corp.
1785 North Eastern Avenue
Los Angeles, California

Director of Purchases
International Packing Corporation
Bristol,
New Hampshire 03104

Director of Purchases
Marvel Engineering Company
7227 North Hamlin Avenue
Chicago 45, Illinois

Director of Purchases
Johns-Manville
22 East 40th Street
New York, New York 10016

Director of Purchases
C. W. Marsh Company
36 Hudson Street
Muskegon, Michigan 49441

Director of Purchases
Greer Hydraulics, Inc.
5930 West Jefferson Boulevard
Los Angeles, California

Director of Purchases
Minnesota Rubber Company
3630 Wooddale Avenue
Minneapolis, Minnesota 55416

MCL001474
HARTOLDMON0002451

Director of Purchases
Eastman Manufacturing Company
Department T. R.
6300 West Howard Street
Chicago, Illinois

Director of Purchases
The Glidden Company
900 Union Commerce Building
Cleveland, Ohio

Director of Purchases
Electric Hose & Rubber Company
1201 Duro Street
Wilmington, Delaware

Director of Purchases
Goshen Rubber Company Inc.
P. O. Box 416
Goshen, Indiana 46526

Director of Purchases
W. P. Fuller & Company
1645 West Valencia Drive
Fullerton, California

Director of Purchases
Greene, Tweed & Company
North Wales,
Pennsylvania 19454

Director of Purchases
Garlock Packing Company
Palmyra,
New York 14522

Director of Purchases
Hercules Packing Corporation
11061 Walden Road
Alden, New York 14004

Director of Purchases
Gates Rubber Company
999 South Broadway
Denver, Colorado. 80217

Director of Purchases
Hilliard Corporation
98 West Fourth Street
Elmira, New York

Director of Purchases
A. W. Chesterton Company
Everett,
Massachusetts 02149

Director of Purchases
Carrol Products
148 Marine Street
Farmingdale, New York

Director of Purchases
Chicago Rawhide Manufacturing
Company
1311 Elston
Chicago, Illinois 60622

Director of Purchases
Commercial Filters Corporation
(Honan-Crane)
Lebanon, Indiana

Director of Purchases
Chiksan Division
FMC Corporation
332 N. Brea Boulevard
Brea, California

Director of Purchases
Crane Packing Company
6400 Dakton Street
Morton Grove, Illinois 60053

Director of Purchases
C. E. Conover & Company, Inc.
333 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Cuno Engineering Corporation
Sub. of American Machine
& Foundry
4627 S. Vine Street
Meriden, Connecticut

Director of Purchases
Carboline Company
32 R Hanley Industrial Court
St. Louis, Missouri

Director of Purchases
Dollinger Corporation
20 Centre Park
Rochester 3, New York

MCL001476
HARTOLDMON0002453

OEM's Suppliers Listing

Director of Purchases
Acushnet Process Company
776 Belleville Avenue
New Bedford, Massachusetts 02745

Director of Purchases
Anchor Packing Company
401 North Broad Street
Philadelphia, Pennsylvania 19108

Director of Purchases
Amercoat Corporation
Department T
Brea, California

Director of Purchases
Andrew Brown Paint Company
5413 South District Boulevard
Los Angeles, California

Director of Purchases
American Sealants Company
115 North Mountain Road
Hartford 11, Connecticut

Director of Purchases
Bearings, Inc.
3634 Euclid Avenue
Cleveland, Ohio 44115

Director of Purchases
Anaconda Metal Hose Division
Anaconda American Brass Company
Waterbury, Connecticut 06720

Director of Purchases
Briggs Filtration Division
Bowser Corporation
Cookeville, Tennessee

Director of Purchases
Anchor Coupling Company
3600 North Fourth Street
Libertyville, Illinois

Director of Purchases
Capital Engineering Company
5839 Ashland Avenue
Chicago, Illinois

MCL001477
HARTOLDMON0002454

C.F. SEGER

Director of Purchases
Alliance Machine Company
1049 South Mahoning
Alliance, Ohio 44601

Director of Purchases
Morgan Engineering Company
Broadway & PPR
Alliance, Ohio 44601

Director of Purchases
Cleveland Crane Engineering
1271 East 289
Cleveland, Ohio 44132

Director of Purchases
Osborn Manufacturing Company
5401 Hamilton Avenue
Cleveland, Ohio 43219

Director of Purchases
Cuyahoga Industries
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Park Ohio Industries
Tacco Division
3800 Harvard
Cleveland, Ohio 43203

Director of Purchases
H.P.M. Castmaster
820 Marion Road
Mt. Gilead, Ohio 43338

Director of Purchases
Taylor Winfield Manufacturing
Mahoning Avenue
Warren, Ohio 44483

Director of Purchases

Logansport Machine Company

Logansport, Indiana 46947

Director of Purchases
Transcontinental Gas Pipe Line Corp.
3100 Travis Street
Houston, Texas 77001

Mr. J. T. Bunting
Aluminum Company of America
1501 Alcoa Building
Pittsburgh, Pennsylvania

Director of Purchases
United Construction
Westminster, California 92683

Mr. Tom Shibley
Armco Steel Corporation
703 Curtis Street
Middletown, Ohio

Director of Purchases
Westinghouse Electric Corp.
3 Gateway Center
Pittsburgh, Pennsylvania 15230

Mr. Tom Voss, Buyer
Inland Steel
3210 Watling Street
East Chicago, Indiana 46312

Mr. Bill Mihalo
Senior Lube Engineer
Inland Steel
3210 Watling Street
East Chicago, Indiana

Mr. Tom Rex
Purchasing Agent
U. S. Steel
525 William Penn Place
Pittsburgh, Pa. 15230

MCL001479
HARTOLDMON0002456

Director of Purchases
Chelsea Indust. Inc. Park
Salem Plastics & Chemical Inc.
49 Congress
Salem, Massachusetts 01970

Director of Purchases
Outboard Marine
Waukegan, Illinois 60085

Director of Purchases
Columbia Gas
120 East 41st Street
New York, New York 10017

Director of Purchases
Outboard Marine Corporation
Galo Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases
Komarek-Greaves
10225 Higgins Road
Rosemont, Illinois 60018

Director of Purchases
Pacific Gas Equipment Co.
P.O. Box 28188
Sacramento, California 95828

Director of Purchases
Laclede Steel
Equitable Building
St. Louis, Missouri

Director of Purchases
Piping Systems
2705 Bernice Road
Lansing, Illinois 60438

Director of Purchases
Mobil Oil Corporation
150 East 42nd Street
New York, New York 10017

Director of Purchases
L.S. Rockefeller
111 West 50th Street
New York, New York 10020

MCL001480
HARTOLDMON0002457

Director of Purchases
Youngstown Sheet & Tube Company
Stambaough Building
Youngstown, Ohio

Director of Purchases
Zapata Offshore Company
1701 Houston Club Building
Houston, Texas 77002

Director of Purchases
A. J. Zinda Company
3509 N. W. Street
Helens Road
Portland, Oregon 97201

Director of Purchases
Wichita Falls Foundry & Machine Co.
P. O. Box 1150
Wichita Falls, Texas 76308

Director of Purchases
Withrow Diecasting Company
13164 Leadwell
North Hollywood, California 91605

Director of Purchases
Wiley Cork Company
14th & Church Streets
Wilmington, Delaware 19899

Director of Purchases
Alan Wood Steel Works
Conshohockten, Pennsylvania

Director of Purchases
Will Brothers Manufacturing Company
3418 McDougall
Detroit, Michigan 48207

Director of Purchases
Wood Preservers Incorporated
Warsaw, Virginia 22572

Director of Purchases
Wilson Diecasting Corporation
501 Main
Grain Valley, Missouri

Director of Purchases
Wynn Oil Company
1151 West 5th Street
Azusa, California

Director of Purchases
K. R. Wilson Div.
Chishalm-Ryder Company, Inc.
Arcade, New York 14009

Director of Purchases
Young & Bertke Company
2118 Winchell Avenue
Cincinnati, Ohio 45214

Director of Purchases
Western Overhead Door
P. O. Box 02204
Portland, Oregon 97202

Director of Purchases
Wheeling Pittsburgh Steel Corp.
Wheeling, West Virginia 26003

Director of Purchases
Western Textile Company
P. O. Box 7139
St. Louis, Missouri 63177

Director of Purchases
Westinghouse Electric Corporation
6001 Southwest Shore Boulevard
Tampa, Florida 33616

Director of Purchases
White Rodgers Company
9797 Reavis Road
St. Louis, Missouri

Director of Purchases
Westinghouse Electric Corporation
Small Motor Division
P. O. Box 566
Lima, Ohio 45801

Director of Purchases
Whiting Corporation
157th and Lathrop
Harvey, Illinois 60426

Director of Purchases
West Virginia Pulp and Paper
299 Park Avenue
New York, New York 10017

Director of Purchases
Whittaker Corporation
Peat Mfg. Div.
10711 East Firestone Boulevard
Norwalk, California 90650

Director of Purchases

Waupaca Foundry, Inc.

Waupaca, Wisconsin 54981

Director of Purchases
Weldotron Corporation
1532 South Washington Avenue
Piscataway, New Jersey

Director of Purchases

D. P. Way Corporation

P. O. Box 6336

Milwaukee, Wisconsin 53209

Director of Purchases
West Penn Power Company
Cabin Hill
Greensburg, Pennsylvania

Director of Purchases

Weil McLain Company Inc.

Michigan City, Indiana 46360

Director of Purchases
Western Arcadia
4115 Ogden Avenue
Chicago 23, Illinois

Director of Purchases
Weinman Pump & Supply Company
110 Delta Drive
Pittsburgh, Pennsylvania 15328

Director of Purchases
Weldotron Corporation
907 Frelinghuysen Avenue
Newark, New Jersey 07114

Director of Purchases
Western Gear Company
2600 East Imperial Highway
Box 190
Lynwood, California 90262

Director of Purchases
Velsicol Chemical
347 East Ohio Street
Chicago 11, Illinois

Director of Purchases
Wagner Electric Corporation
6400 Plymouth Avenue
St. Louis, Missouri

Director of Purchases
Versaform Industries
314 West 168th Street
Gardena, California 90247

Director of Purchases
Jim Walter Corporation
3rd Street & Douglas
Tampa, Florida 33611

Director of Purchases
Viking Chemical Company
1827 18th Avenue
Box 1595
Rockford, Illinois

Director of Purchases
Warner & Swasey
Grandell Division
406 Mill Avenue S.W.
New Philadelphia, Ohio 44663

Director of Purchases
Henry Vogt Machine Company
10th and Ormsby Street
Louisville, Kentucky

Director of Purchases
Warwick Industrial Furnace
and Engineering Company
1125 Wheeling Road
Wheeling, Illinois

Wadco Corporation
Attn: Director of Purchases
P.O. Box 1970
Richland, Washington 99352

Director of Purchases
Waste Control System Inc.
3700 Greenway Plaza
Eastern Airlines Building
Suite 302
Houston, Texas 77027

MCL001485
HARTOLDMON0002462

Director of Purchases
U.S. Metals Refining Company
400 Middlesex Avenue
Carteret, New Jersey

Director of Purchases
Vaughn Machine
Front and Broad Street
Cuyahoga Falls, Ohio 44221

Director of Purchases
The Upjohn Company
301 Henrietta Street
Kalamazoo, Michigan

Director of Purchases
VAW of America
Ellenville, New York 12428

Director of Purchases
Valley Iron & Steel
P.O. Box 230
Eugene, Oregon

Director of Purchases
Vectra Corporation
Odenton, Maryland

Director of Purchases
Valley Metallurgical Processing
Essex, Connecticut

Director of Purchases
Veeder Root Incorporated
28 Sargent Street
Hartford, Connecticut

MCL001486
HARTOLDMON0002463

Director of Purchases
U.S. Foundry
Birmingham, Alabama

Director of Purchases
Tennessee Valley
Power Acctg. Office
233 Edney Building
Chattanooga, Tennessee 37402

Director of Purchases
U.S. Pipe
Burlington Works
E. Pearl Street
Burlington, New Jersey

Director of Purchases
U.S. Navy Payment Office
700 Robbins Avenue
Philadelphia, Pennsylvania 19111

Director of Purchases
U.S. A.F. Wright Patterson
Wright Patterson, Ohio

Director of Purchases
G.C. Marshall Space Flight
Building 4485
Huntsville, Alabama

Director of Purchases
U.S. Government
Department of Air Force
Directoriate Proc. & rod.
San Antonio Air Materials Area
Kelly Air Force Base, Texas

Director of Purchases
Veterans Administration Hospital
2215 Fuller Road
Ann Arbor, Michigan 48105

Director of Purchases
National Advisory Comm.
for Aeronautics
Langley Field, Virginia

Director of Purchases
Comptroller Code 644
Boston Naval Shipyard
Boston, Massachusetts 02129

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HARTOLDMON0002464

Director of Purchases
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1230 Avenue of the Americas
New York, New York 10020

Director of Purchases
United Engineering
Vandergrift Plant
Vandergrift, Pennsylvania

Director of Purchases
United Aircraft Corporation
Pratt & Whitney Aircraft
West Palm Beach, Florida

Director of Purchases
United Engineering & Foundry Co.
948 Ft. Duquesne Boulevard
Pittsburgh, Pa.

Director of Purchases
United Airlines Incorporated
Hangar 55
Newark Airport
Newark, New Jersey

Director of Purchases

Universal Manufacturing Company

Mendenhall, Mississippi

Director of Purchases
United Clay Pipe Company
P.O. Box 552
Seminole, Oklahoma 74868

Director of Purchases
Universal Vise and Tool Co., Inc.
8500 East Michigan Avenue
Parma, Michigan 49269

Director of Purchases
United Engineering & Foundry
14th & Grace Street
Canton, Ohio 44705

Director of Purchases

United States Borax & Chemical

Boron, California

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HARTOLDMON0002465

Director of Purchases
UMC Industries Incorporated
Universal Match Division
325 Paul Avenue
Ferguson, Missouri 63135

Director of Purchases
Union Malleable Mfg. Company
Ashland, Ohio

Director of Purchases
Unimation Incorporated
Shelter Rock Lane
Danbury, Conn. 06810

Director of Purchases
Union Oil Company of California
Union Oil Center
Los Angeles, California 90054

Director of Purchases
Union Carbide Nuclear Company
Oakridge, Tennessee

Director of Purchases
Union Pacific Railroad
1416 Dodge Street
Omaha, Nebraska

Director of Purchases
Union Carbide
270 Park Avenue
New York, New York

Director of Purchases
Union Texas Petroleum
Div. of Allied Chemical Corp.
P. O. Box 96
Haughton, Louisiana

Director of Purchases
Uniroyal
1230 Avenue of the Americas
New York, New York 10020

MCL001489
HARTOLDMON0002466

Director of Purchases
Thomas Industries, Inc.
1419 Eilinois
Sheboygan, Wisconsin

Director of Purchases
Tomkins-Johnson Company
2425 West Michigan Avenue
Jackson, Michigan

Director of Purchases
Thompson Hayward Chemical Co.
P. O. Box 2383
Kansas City, Kansas 66110

Director of Purchases
Tool Die Engineering Company
3878 East 93rd Street
Cleveland, Ohio 44105

Director of Purchases
TII Dee Products Incorporated
219 Kelly Avenue
Dayton, Ohio

Director of Purchases
Tool Steer Gear & Pinion Company
211 Township Avenue
Cincinnati, Ohio 45216

Director of Purchases
Toledo Engineering Company Inc.
3001 Sylvania Avenue
Toledo, Ohio 43613

Director of Purchases
Transue-Williams Steel & Forging
Division Standard Alliance Ind.
Alliance, Ohio 44601

Director of Purchases
Tolo Incorporated
2401 S. Pullman
Santa Ana, California

Director of Purchases
Tuscon Dairy
750 Union Avenue
Union, New Jersey 07083

MCL001490
HARTOLDMON0002467

Director of Purchases
Teledyne Ryan Aeronautical Company
Lindbergh Field
2710 Harbor Drive
San Diego, California 92112

Director of Purchases
Texas Eastern Instruments Inc.
3609 Buffalo Speedway
Houston, Texas

Director of Purchases
Tenneco Incorporated
Tennessee Building
Houston, Texas 77002

Director of Purchases
Texas Steel Company
3901 Hemphill Street
Fort Worth, Texas 76110

Director of Purchases
Tennessee Eastman
Division of Eastman Kodak
Kingsport, Tennessee 37662

Director of Purchases
Textron Incorporated
10 Dorrance
Providence Rhode Island 02903

Director of Purchases
Tennessee Metallurgical Corporation
308 IBM Building
Chattanooga, Tennessee

Director of Purchases
Thierica Studio
900 Clancy
Grand Rapids, Michigan

Director of Purchases
Texas Eastern Transmission
P. O. Box 2521
Houston, Texas 77001

Director of Purchases
Thiokol Chemical Corporation
Utah Division
Brigham City, Utah

MCL001491
HARTOLDMON0002468

Director of Purchases
Swingline
3200 Skillman Avenue
Long Island City, New York

Director of Purchases
J.W. Taylor Manufacturing Company
P.O. Box 529
Garland, Texas 75040

Director of Purchases
Swinnerton & Walberg Company
P.O. Box 575
Golden, Colorado

Director of Purchases
Temtek Corporation
P.O. Box 477
Bartlett, Illinois 60103

Syracuse Die Casting Company
Attn: Director of Purchases
2101 Teall Avenue
Syracuse, New York 13206

Director of Purchases
Technical Development Company
2601 Timberland
Dayton, Ohio 45414

Director of Purchases
Sylvester Enterprises
850 Hanna Building
Cleveland, Ohio 44115

Director of Purchases
Telco Incorporated
Service Division
8702 Bessemer Avenue
Cleveland, Ohio 44127

Director of Purchases
Tanner Manufacturing Company
Wesleyville
P.O. Box 7309
Erie, Pennsylvania 16510

Director of Purchases
Teledyne Titanium
P.O. Box 781
Monroe, N.C. 28110

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Joe Stine
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Stratoflex Incorporated
P. O. Box 10398
Fort Worth, Texas 76114

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Superior Iron Works & Supply Co.
P. O. Box 7002
Harvey, Louisiana 71107

Director of Purchases
Strite Anderson Company
7585 Viron Road NE
Minneapolis, Minnesota 55432

Director of Purchases
Surftran Company Division
Chemotronics Intl.
30250 Stevenson Hwy.
Madison Heights, Michigan 48071

Director of Purchases
Stroh Die Casting Company, Inc.
11123 West Burleigh Street
Milwaukee 10, Wisconsin

Director of Purchases
Swedish Crucible Steel Company
8801 Conant
Detroit, Michigan 49200

Director of Purchases
Sun Oil Company
1608 Walnut Street
Philadelphia 3, Pennsylvania

Director of Purchases
Swedlow Incorporated
12605 Beach Boulevard
Garden Grove, California

Director of Purchases
Standard Oil of Indiana
910 South Michigan Avenue
Chicago, Illinois 60605

Director of Purchases
Stauffer Chemical
299 Park Avenue
New York, New York 10017

Director of Purchases
Standard Oil of New Jersey
30 Rockefeller Plaza
New York, New York 10020

Director of Purchases
Stearns Rogers Corporation
P. O. Box 5888
Denver, Colorado 80217

Director of Purchases
Standard Products Company
130 West 110th Street
Cleveland 2, Ohio

Director of Purchases
Steel Improvement and Forge Co.
970 East 64th Street
Cleveland, Ohio 44103

Director of Purchases
Star Fibers Incorporated
Edgefield, South Carolina 29824

Director of Purchases
Stevenson Sales Company, Inc.
P. O. Box 3493
Davenport, Iowa 52808

Director of Purchases
Starlight Tool & Manufacturing Co.
3300 West 7th Street
Joplin, Missouri 53801

Director of Purchases
Steward Machine Company
P. O. Drawer 11066
Birmingham, Alabama 35202

MCL001494
HARTOLDMON0002471

Director of Purchases
Southwest Ind. Equipment
5847 Armour Drive
Houston, Texas 77020

Director of Purchases
Sperry Rand
Vickers Incorporated Division
Maple & Crooks Roads
Troy, Michigan 48084

Director of Purchases
Southwestern Diecasting Company
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
Spinoza Incorporated
P. O. Box 9881
Houston, Texas 77015

Director of Purchases
Spartan Castings
5445 Dodds
Buena Park, California 90620

Director of Purchases

Sprout Waldron & Company Inc.

Muncy, Pennsylvania

Director of Purchases
Speedring Corporation
7117 East 11 Mile Road
Warren, Michigan 48090

Director of Purchases
Stamco Division
Monarch Machine Tool Company
New Breman, Ohio 45869

Director of Purchases
Sperry Rand
1290 Avenue of the Americas
New York, New York 10019

Director of Purchases
Standard Oil of California
225 Bush
San Francisco, California 94104

MCL001495
HARTOLDMON0002472

Director of Purchases
Skagit Corporation
Sedro Woolley, Washington 98284

Director of Purchases
Smith & Loveless
Lenexa, Kansas 66215

Director of Purchases
SKRL Diecasting Inc.
34580 Lakeland Boulevard
Eastlake, Ohio 44094

Director of Purchases

Southwire Daniles Construction Co.

Hawesville, Kentucky

Director of Purchases
SKS Diecasting Company
2200 4th Street
Berkeley, California 94710

Director of Purchases
Southern California Edison Company
P.O. Box 60753
Los Angeles, California 90060

Director of Purchases
Sloan Kettering Institute for Cancer
Research
410 East 68th Street
New York, New York 10021

Director of Purchases
Southern Natural Gas
c/o W.W. Bennett
Route # 5
Anniston, Alabama

Director of Purchases
A. O. Smith Corporation
3533 North 27th Street
Milwaukee, Wisconsin

Director of Purchases

Southern Manufacturing Company

Aurora, Missouri

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

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Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

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Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

Director of Purchases

Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P. O. Box 400
Dover, Ohio 44622

Director of Purchases
Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases
Singer Company
P. O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Schroeder Brothers Corporation
Box 72
McKees Rocks, Pennsylvania 15136

Director of Purchases
Scott Equipment Company
272 Lee Street
Dayton, Ohio 45404

Director of Purchases
Seven Up Company
12201 Beach Daly Road
Detroit, Michigan 48239

Director of Purchases
Scuba Hut
3906 North Highway 71
Springdale, Arkansas 72764

Shaffer Tool Works
P. O. Box 4008
Beaumont, Texas 77704

Attn: Director of Purchases

Director of Purchases
Sedco Incorporated
1901 Akard
Dallas, Texas 75201

Director of Purchases
Shalda Lighting Products
Hubbell Lighting
156 West Providence
Burbank, California 91503

Director of Purchases
Selas Corporation of America
Drescher, Pennsylvania 19025

Director of Purchases
Sharon Steel
P. O. Box 537
Sharon, Pennsylvania 16146

MCL001498
HARTOLDMON0002475

Director of Purchases
Salem Brosius, Incorporated
Box 2222
Cleveland, Ohio

Director of Purchases
Sangamo Electric Company
P. O. Box 3347
Eleventh & Converse
Springfield, Illinois 62708

Director of Purchases
San Jose Die Casting Company
1422 Bergder Drive
San Jose, California 95112

Director of Purchases
Santa Fe Marine Incorporated
P. O. Box 16306
Houston, Texas 77022

Director of Purchases
Sanders Associates
95 Canal Street
Nashua, N. H. 03060

Director of Purchases
Sanderson & Porter
c/o Keystone Steel and Wire
7000 S. W. Adams
Peoria, Illinois

Director of Purchases
Sargent Industries
Huntington Park Division
2533 East 56th Street
Huntington Park, California 90255

Director of Purchases
Sandvik Steel Incorporated
1704 Nevins Road
Fair Lawn, New Jersey 07410

Director of Purchases
Sayville Incinerator
Town of Islip
Lincoln Avenue
Long Island, New York

MCL001499
HARTOLDMON0002476

Director of Purchases
Ronson Metals Company
55 Manufacturers Place
Newark, New Jersey 07105

Director of Purchases
Rust Engineering Company
P. O. Box 549
Canton, Ohio 44701

Director of Purchases
Roper Corporation
550 Wehrle Avenue
Newark, Ohio 43055

Director of Purchases
Rust Furnace Company
930 St. Duquesne Boulevard
Pittsburgh, Pa. 15222

Director of Purchases
Rotating Components Incorporated
1560 Fifth Avenue
Bayshore, Long Island, New York

Director of Purchases
Saginaw Paint Manufacturing Company
344 West Genesee
Saginaw, Michigan 48605

Rounds & Stewart
Natural Gasoline Company Inc.
Box 700
Wichita, Kansas

Attn: Director of Purchases

Director of Purchases
St. Louis Diecasting Corporation
201 Rock Industrial Park Drive
Bridgeton, Missouri

Director of Purchases
Rucker Control Systems
4700 San Pablo Avenue
Oakland, California 94608

Director of Purchases
City of Salem Health Department
P. O. Box 266
Salem, Massachusetts

MCL001500
HARTOLDMON0002477

Director of Purchases
Ridco Casting Company
1155 High Street
Central Falls, Rhode Island

Director of Purchases
Rockford Clutch
Division of Borg Warner
1200 Windsor Road
Rockford, Illinois 61101

Director of Purchases
Ridge Foundry, Incorporated
1554 Doolittle Drive
San Leandro, California

Director of Purchases
Rockwell Manufacturing
400 North Lexington Avenue
Pittsburgh, Pennsylvania 15208

Director of Purchases
Rivett, Incorporated
51 Fremont Street
Needham Heights, Massachusetts
02194

Director of Purchases
Rockwell Manufacturing
Russellville, Ky. 42276

Director of Purchases
Roane Electric Furnace
Division of Woodward Company
P.O. Box 298
Rockwood, Tennessee 37854

Director of Purchases
Rogers Hydraulics
Granite Falls, Minnesota 45241

Director of Purchases
Robinson Ventilating Company
275 Henderson Street
Zelienople, Pennsylvania 16063

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Rohm & Haas Company
Independence Mall West
Philadelphia, Pennsylvania 19105

Director of Purchases
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2639 Boston Street
Baltimore, Maryland 21224

Director of Purchases
Reynolds Metals
Gum Springs, Arkansas

Director of Purchases
Reynolds Metals Company
10th & Byrd Streets
Richmond, Virginia

Director of Purchases
Reynolds Metals Company
P.O. Box 500
Massena, New York

Director of Purchases
Republic Steel Corporation
P.O. Box 6778
Cleveland, Ohio 44101

Director of Purchases
Reynolds Metals
47th and 1st Avenue
McCook, Illinois

Director of Purchases
Rex Chainbelt Incorporated
Hanna Fluid Power Division
1765 Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Rich Manufacturing Company
P.O. Box 910
Corona, California 91720

Director of Purchases
Reynolds Metals
P.O. Box 520
Arkadelphia, Arkansas 71923

Director of Purchases
Richtex Corporation
P.O. Box 3307
Columbia, S.C. 29203

Director of Purchases
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Health Products Plant
4142 North Union
St. Louis, Missouri 63115

Director of Purchases
Reading Tube Division
Reading Industries, Inc.
P.O. Box 126
Reading, Pennsylvania 19603

Director of Purchases
Ramm Products Company
4436 Walker
Wayne, Michigan 48184

Director of Purchases
Reading Metals Refining Corporation
Subsidiary of Reading Ind., Inc.
P.O. Box 1111
Reading, Pa. 19603

Director of Purchases
Ranger Die Casting Company
10828 South Alameda
Lynwood, California

Director of Purchases
Red Field Brick & Tile Company
Redfield, Iowa 50233

Director of Purchases
Reactive Metals, Incorporated
P.O. Box 720
Ashtabula, Ohio

Director of Purchases

Regina Corporation

Rahway, New Jersey

Director of Purchases
Reactive Metals Incorporated
1000 Warren Avenue
Niles, Ohio 44446

Director of Purchases
Remco Hydraulics
934 South Main Street
Willits, California 95490

Director of Purchases
Price Bros.
4701 Whitelake Road
Clarkson, Michigan 48016

Director of Purchases
Puget Die Casting
2101 South Mildred Street
Tacoma, Washington 98466

Director of Purchases
Prince Manufacturing Company
P. O. Box 31
Holland, Michigan 49423

Director of Purchases
The Quality Casting Company
1225 North Main Street
Orrville, Ohio 44667

Director of Purchases
Process Equipment Company
6555 South State
Route 202
Tipp City, Ohio 45371

Director of Purchases
Racine Chicago Engr.
840 Filne Drive
Addiston, Illinois 60101

Director of Purchases
The Procter & Gamble Company
Buying Department
P. O. Box 599
Cincinnati, Ohio 45201

Director of Purchases
Racine Hydraulic & Machinery Co.
Simplex Division
Licking Road
Zanesville, Ohio

Director of Purchases
PTE Corporation
1345 North Tenth Street
San Jose, California 95112

Director of Purchases
Radiator Specialty Company
P. O. Box 10628
Charlotte, North Carolina 28201

Director of Purchases
Pratt & Whitney Aircraft
400 Main Street
East Hartford, Conn. 06108

Director of Purchases
Prestolite
Division Eltra Corporation
West Springfield, Massachusetts

Director of Purchases
Precision Castings Company
12600 Berea Road
Cleveland, Ohio 44111

Director of Purchases
Press Automation Systems
Division U. S. Industries
3840 East Outer Drive
Detroit, Michigan 48234

Director of Purchases
Precision Castparts Corporation
4600 S. E. Harney Drive
Portland, Oregon 97206

Director of Purchases
Pressure Castings Incorporated
21500 St. Clair Avenue
Cleveland, Ohio 44119

Director of Purchases
Precision Sheet Metal
5235 West 104th Street
Los Angeles, California 90045

Director of Purchases
Prescolite-Itco Plant
Division of U. S. Industries
P. O. Box 151
El Dorado, Arkansas

MCL001505
HARTOLDMON0002482

Director of Purchases
Pittsburgh, De Moires Steel Co.
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Ponka Drilling & Products Company
Box 753
Rangely, Colorado 81648

Director of Purchases
Pittsburgh Plate Glass
Glass Division
Works No. 26,
Crestline, Ohio 44874

Director of Purchases
Potlatch Forests Incorporated
Pulp & Paperboard Division
Lewiston, Idaho

Director of Purchases
PPP Industries, Inc.
Coatings & Resins Division
3 1/2 miles S. of U.S. Route 23
Circleville, Ohio

Director of Purchases
The William Powell Company
2503 Spring Grove Avenue
Cincinnati, Ohio 45214

Director of Purchases
PPG
Class Division
Works No. 27
Tipton, Pennsylvania 16684

Director of Purchases
Power Draulics Nielsen
550 South Columbus Avenue
Mt. Vernon, New York 10550

Director of Purchases
Pomona Diecast
1479 West Second Street
Pomona, California 91766

Director of Purchases
Powers Regulator Company
3400 Oakton Street
Skokie, Illinois 60076

Director of Purchases
Petrotomics Company
P. O. Box 2450
Casper, Wyoming 92601

Director of Purchases
Phelps Dodge Corporation
300 Park Avenue
New York, New York

Director of Purchases
Pevely Dairy Company
Purchasing Department
Grand & Chouteau Avenue
St. Louis, Missouri 63103

Director of Purchases
Phelps Dodge Copper Products
P. O. Box 20200
El Paso, Texas 79998

Director of Purchases
Charles Pfizer & Company, Inc.
Vigo Plant
Terre Haute, Indiana 47080

Director of Purchases
Phoenix Die Casting
23 Illinois Street
Buffalo, New York 14230

Director of Purchases
George Pfleger
Lantana Boat Yard
808 North Dixie Highway
Lantana, Florida

Director of Purchases

Phoenix Steel

Claymont, Delaware 19703

Director of Purchases
G. P. Pfleger
1501 Westcliff Drive
Suite 301
New Port Beach, California 92560

Director of Purchases
The Pillsbury Company
311 Second Street Southeast
Minneapolis, Minnesota 55414

MCL001507
HARTOLDMON0002484

Director of Purchases
Parker Hannifin Corporation
18321 Jamboree Boulevard
Irvine, California 92664

Director of Purchases
Pennwalt Corporation
Stokes Division
5500 Tabor Road
Philadelphia, Pennsylvania 19120

Peasley Products Incorporated
Attn: Director of Purchases
993 Honeyspot Road
Stratford, Conn. 06497

Director of Purchases
Perfection Heat Treating Company
1756 West Hubbard Street
Chicago, Illinois 60622

Director of Purchases
Peco Manufacturing Company Inc.
P. O. Box 02156
Portland, Oregon 97202

Director of Purchases
Penn Controls Incorporated
Goshen, Indiana

Director of Purchases
Permanent Casting Incorporated
P. O. Box 191
285 Shady Grove Road
Hot Springs, Arkansas 71901

Director of Purchases
Pennsylvania Refining Company
Ohio Division
2685 Lisbon Road
Cleveland, Ohio 44104

Director of Purchases
Petroleum Distributing Co., Inc.
P. O. Box 203
Houston, Texas 77001

Director of Purchases
Overmyer Corporation
Winchester, Indiana 47394

Director of Purchases
Town of Oyster Bay
Sanitary Services Incinerator
Plant 2
Winding Road
Old Bethpage, New York

Director of Purchases
Overton Foundry
9850 Adella Street
South Gate, California

Director of Purchases
Pacific Lighting Service Company
P. O. Box 54790
Terminal Annex
Los Angeles, California 90054

Director of Purchases
Owens Aluminum Corporation
P. O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Pan Am World Airways
P. O. Box 1412
Grand Central Station
New York, New York 10017

Director of Purchases
Owens Corning Fiberglass Corporation
Anderson, South Carolina

Director of Purchases
Panhandle Eastern Pipe Line Compa
P. O. Box 1348
Kansas City, Kansas 64141

Director of Purchases
Owens Illinois Incorporated
1700 North Westwood Avenue
Toledo, Ohio 43607

Director of Purchases
Park Ohio Industries Incorporated
Ohio Crankshaft Division
3800 Harvard Avenue
Cleveland, Ohio 44105

MCL001509
HARTOLDMON0002486

Director of Purchases
Ohio Energy Systems
1055 West 3rd Street
Columbus, Ohio 43212

Director of Purchases
Oregon Steel Mills
5200 N.W. Front Avenue
Portland, Oregon 97210

Director of Purchases
Oil States Rubber Company
P.O. Box 670
Arlington, Texas 76010

Director of Purchases
Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida 32801

Director of Purchases
Olin Corporation
P.O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Ormet Corporation
P.O. Box 176
Omal, Ohio 43931

Director of Purchases
Omark Industries
Williams Air Control Division
14100 S.W. 72nd
Portland, Oregon 97223

Director of Purchasing
Oswego Casting Corporation
Mitchell Street
Oswego, New York 13126

Director of Purchases
Orange County Diecasting
1367 North Santiago Avenue
Santa Ana, California 92705

Director of Purchasing
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases

Northern Packaging Corporation

Rochester, New York

Director of Purchases
Novamont Corporation
Neal Works
P. O. Box 189
Kenova, West Virginia 25530

Director of Purchases
Northland Resources
P. O. Box 668
Rangely, Colorado

Director of Purchases
Oak Manufacturing Company
650 South Avenue 21
Los Angeles, California 90031

Northern Malleable Iron Company
867 Forest Street
St. Paul, Minnesota 55106

Attn: Director of Purchases

Director of Purchases
Obear Nester Glass Company
Lincoln Plant
Lincoln, Illinois, 62656

Director of Purchases
Northrop Corporation
Aircraft Division
3901 West Broadway
Hawthorne, California 90250

Director of Purchases
Ocean Drilling & Exploration Company
P. O. Box 61780
1600 Canal Street
New Orleans, Louisiana 70160

Director of Purchases
Northwestern Steel & Wire
121 Wallace Street
Sterling, Illinois 61081

Director of Purchases
Ohio Brass Company
300 North Diamond Street
Mansfield, Ohio 44902

MCL001511
HARTOLDMON0002488

Director of Purchases
Neuschotz Engineering
6500 South Avalon Boulevard
Los Angeles, California 90003

Director of Purchases
Nordberg Manufacturing Company
P. O. Box 383
Milwaukee, Wisconsin 53201

Director of Purchases
City of New Madrid
c/o Noranda Aluminum, Inc.
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
Norris Industries
5215 South Boyle Avenue
Los Angeles, California 90058

Director of Purchases
Newman Machine Company Inc.
P. O. Box 5467
Greensboro, N. C. 27403

Director of Purchases
North American Foundry Company
4721 Zero Street
Fort Smith, Arkansas 72901

Director of Purchases
N. L. Industries, Incorporated
Titanium Division
Carondelet Station
St. Louis, Missouri

Director of Purchases
North American Manufacturing Co.
4455 East 71st Street
Cleveland, Ohio 44105

Director of Purchases
Noranda Mines
Conductor Division
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
North American Rockwell Corp.
1700 East Imperial Highway
El Segundo, California

MCL001512
HARTOLDMON0002489

Director of Purchases
National Aluminum
c/o Brown & Roote
Hawesville, Kentucky

Director of Purchases
National Metallurgical
1801 South A Street
P. O. Box 56
Springfield, Oregon 97477

Director of Purchases
National Cooperative
Refinery Association
McPherson, Kansas

Director of Purchases
National Starch & Chemical Corp.
1735 West Frong Street
Plainsfield, N. J. 07063

Director of Purchases
National Gypsum Company
North Avenue
Garwood, New Jersey

Director of Purchases
Natural Gas Pipe Line Co. of Am.
122 South Michigan Avenue
Chicago 3, Illinois

Director of Purchases
National Machinery
Greenfield & Staunton Streets
Tiffin, Ohio 44883

Director of Purchases
Natural Gas Pipe Line Co. of Am.
Box 72
Highway 34
Jackson, Missouri 63755

Director of Purchases
National Metal Abrasive Company
3560 Norton Road
Cleveland, Ohio 44111

Director of Purchases
Nefco Filter Corporation
Box 280
Stoughton, Wisconsin 53589

MCL001513
HARTOLDMON0002490

Director of Purchases
Montgomery Elevator Company
4135 Brownsville Road
Pittsburgh, Pennsylvania

Director of Purchases
A. B. Mueller & Company
2101 East John Street
St. Louis, Missouri

Director of Purchases
Montana Power
Purchasing Department
P. O. Box 1338
Butte, Montana 59701

Director of Purchases
Murdock Incorporated
15800 South Avalon Boulevard
Compton, California 90220

Director of Purchases

Jack Morris

Neddesha, Kansas 66757

Director of Purchases
T. O. Murphy
247 West Lorain
Oberlin, Ohio 44074

Director of Purchases

Mueller Company
630 Lambert
Brea, California 92621

Director of Purchases
L. W. Nash Company
P. O. Box 151
E. Palestine, Ohio 44413

Director of Purchases

Mueller Brass Company

Port Huron, Michigan

Director of Purchases
Nassau Smelting & Refining Company
1 Nassau Place
Staten Island, New York 10307

Director of Purchases
Mobil Chemical Company
Chemical Coatings Division
P. O. Box 1388
Plainfield, New Jersey 07062

Director of Purchases
Modern Die Casting Corporation
5419 North Kedzie Avenue
Chicago, Illinois 60640

Director of Purchases
Mobil Oil Corporation
P. O. Box 2122
Los Angeles, California 90054

Director of Purchases
Modern Equipment Company
336 South Spring Street
Port Washington, Wisconsin 53074

Director of Purchases
4 Penn Center Plaza
16th & J. F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103

Director of Purchases
Moen Machine Works
9425 Norwalk Boulevard
Santa Fe Springs, California 90670

Director of Purchases
Moffitt Incorporated
P. O. Box 136
Penna Route 136
Eighty Four, Pennsylvania 153330

Mobil Oil Corporation
Attn: Director of Purchases
P. O. Box 3311
Beaumont, Texas

Director of Purchases

Moline Malleable Iron Company

St. Charles, Illinois 60174

Director of Purchases
Midland Ross Corporation
Electrical Products
Highway 11 Bypass
Congress Parkway
Athens, Tennessee

Director of Purchases
Minnesota Mining & Manufacturing C
P. O. Box 33121
St. Paul, Minnesota 55133

Director of Purchases
Midwest Fluid Power Company
4325 Harris Street
Toledo, Ohio 43613

Director of Purchases
Minnkota Paper Coop, Incorporated
P. O. Box 127
Center, N. C. 58530

Director of Purchases
Midwest Foundry Company
Division L. A. Darling Company
Coldwater, Michigan

Director of Purchases
Mirro Aluminum Company
Plant 2
Manitowoc, Wisconsin

Director of Purchases
Miller Tool & Die Company
835 Belden Road
Jackson, Michigan 49203

Director of Purchases
Mission Corporation
c/o Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma 74119

Director of Purchases
Milwaukee Die Casting Company
4132 North Holton Street
Milwaukee, Wisconsin 53211

Director of Purchases
Missouri Rogers Corporation
Missouri Casting Division
P. O. Box 1385
905 East Third Street
Joplin, Missouri 63801

MCL001516
HARTOLDMON0002493

Director of Purchases
Mercer Alloys
P. O. Box 511
Greenville, Pennsylvania 16125

Director of Purchases
Michigan Wisconsin Pipe Company
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Metalart Buckle Company
166 Valley Street
Providence, Rhode Island 02909

Director of Purchases
Methodist Hospital
6516 Bertner Drive
Houston, Texas 77025

Director of Purchases

Micro Switch

Freeport, Illinois 61033

Director of Purchases
Metropolitan Edison Company
P. O. Box 542
Reading, Pennsylvania 19603

Director of Purchases
Mid American Canning Corporation
US 41A at Tucker
Schoolhouse Road
Madisonville, Kentucky 42431

Director of Purchases
Michigan Standard Alloys Incorporated
P. O. Box 691
Benton Harbor, Michigan 49022

Director of Purchases
Midland Division
Dexter Corporation
1785 North Eastern Avenue
Los Angeles, California 90032

MCL001517
HARTOLDMON0002494

Director of Purchases
McDonnell-Douglas Astronautics Co.
Accounts Payable
5301 Balsa Avenue
Santa Monica, California 92647

Director of Purchases
Arthur G. McKee & Company
10 South Riverside Drive
Chicago, Illinois 60606

Director of Purchases
Mc Donnell-Douglas
Brown Road
St. Louis, Missouri

Director of Purchases
McLouth Steel Corporation
300 South Livernois Avenue
Detroit, Michigan

Director of Purchases
McGraw Edison Company
333 West River
Elgin, Illinois 60120

Director of Purchases
F. W. Means Company
1225 West High Street
Lexington, Kentucky 40508

Director of Purchases
Bersted Manufacturing Division
McGraw Edison Company
Tupelo, Mississippi 38801

Director of Purchases
Melamine Plastics Corporation
Div. Universal Manufacturing Co.
516 West Fourth Street
Winona, Minnesota

Director of Purchases
Power Systems Division
12th & Madison Avenues
South Milwaukee, Wisconsin 53172

Director of Purchases

Mercer Alloys Company

Transfer, Pennsylvania

Director of Purchases

Manco Mfg. Company

Bradley, Illinois

Director of Purchases
Marvel Engineering
7227 North Hamlin
Chicago, Illinois 60645

Director of Purchases
Marathon Oil Company
539 South Main
Findlay, Ohio 45840

Director of Purchases
Masten Corporation
3555 West Adison
Chicago, Illinois 60618

Director of Purchases

Marion Bronze Company

Marion, Ohio

Director of Purchases
Materials Transportation Company
1685 North Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Marine Purchasing Corporation
60 Broad Street
New York, New York 10004

Director of Purchases
Matthiessen & Hegeler
Zinc Company
LaSalle, Illinois 61301

Director of Purchases
G. C. Marshall Space Flight Center
Building 4485
Huntsville, Alabama 35812

Director of Purchases
McCullough Corporation
6101 West Century Boulevard
Los Angeles, California 90045

MCL001519
HARTOLDMON0002496

Director of Purchases
Logansport Machine Company Inc.
Logansport, Indiana 46947

Director of Purchases
Lyons Diecasting
Buckner, Missouri

Director of Purchases
Logi Trol Incorporated
135 Weldon Parkway
Maryland Heights, Mo. 63043

Director of Purchases
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin 53704

Director of Purchases
Los Angeles Die Casting Company
340 Crocker
Los Angeles, California

Director of Purchases
Magna Copper Company
San Manuel Division
Refinery Warehouse
San Manuel, Arizona 85631

Director of Purchases
Louden Division
American Chain & Cable Company
Fairfield, Iowa

Director of Purchases
Magnesium Casting Company
98 Business Street
Hyde Park, Boston, Massachusetts

Director of Purchases
Lynchburg Foundry Company
58 Courtland Building
P. O. Drawer 411
Lynchburg, Virginia 28501

Director of Purchases
Magnus Metal Company
1029 West 7th Street
Cincinnati, Ohio 45203

Director of Purchases
Lester Industries, Incorporated
P. O. Box 46309
Bedford, Ohio 44146

Director of Purchases
E. C. Ernst Incorporated
c/o L. Jones & Laughlin
Blast Furnace Crow Island
West Aliquippa, Pa. 15001

Director of Purchases
Leydold-Heraeus
Seco Road
Monroeville, Pennsylvania 15416

Director of Purchases
Litton Industries Incorporated
Ingalls East Division
P. O. Box 149
Pascagoula, Mississippi

Director of Purchases
Libby Owens Ford Company
811 Madison Avenue
Toledo, Ohio

Director of Purchases
L&L Whitemetal Casting Corporation
480 Gotham Parkway
Carlstadt, New Jersey 07072

Director of Purchases
Lindberg Corporation
Furnace Division
1211 East Fewer Road
Schauburg, Illinois 60172

Director of Purchases
Jones & Laughlin Steel Corporation
SE Corner 3rd Avenue & Ross
Pittsburgh, Pa.

Director of Purchases
Ling Temco Vought Corporation
c/o J&L Steel Corporation
Hennepin Works Division
Hennepin, Illinois 61327

Director of Purchases
Lockheed California
3220 Thornton Avenue
Burbank, California 91503

Director of Purchases
Kux Machine Corporation
2100 South Wolf Road
Des Plaines, Illinois

Director of Purchases
City of Lakeland
Division of Larsen Power Plant
Lackland, Florida

Director of Purchases
Kyle Machine Works
6928 Commerce Street
El Paso, Texas

Director of Purchases
Lansco Diecasting
9630 East Fern
South El Monte, California 91733

Director of Purchases
Laclede Gas Company
Purchasing Department
Drawer 9, Central Station
St. Louis, Missouri 63188

Director of Purchases

Latrobe Steel Company

Latrobe, Pennsylvania

Director of Purchases
Laclede Steel Company
Arcade Building
St. Louis, Missouri

Director of Purchases
Lectromelt Corporation
P. O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases

Laclede Steel

Alton, Illinois

Director of Purchases
Lester Engineering Company
2711 Church Street
Cleveland, Ohio 44113

MCL001522
HARTOLDMON0002499

Director of Purchases
Kennecott Copper Corporation
161 East 42nd Street
New York, New York 10017

Director of Purchases
Kiekaefer Mercury Division
Brunswick Corporation
1939 Pioneer Road
Fond du Lac, Wisconsin

Director of Purchases
Kerr McGee Corporation
c/o American Potash & Chemical Corp.
Kerr McGee Building
Oklahoma City, Oklahoma 73102

Director of Purchases
Kipstron Incorporated
1143 Furton S.E.
Grand Rapids, Michigan 49507

Director of Purchases
Keystone Brass Works Incorporated
944 West 12th Street
Erie, Pennsylvania 16512

Director of Purchases

Kitchen Quip Incorporated

Waterloo, Indiana

Director of Purchases
Keysonte Steel & Wire Company
6900 S. Adams Street
Peoria 7, Illinois

Director of Purchases
Koppers Company
Koppers Building
Room 1322
Pittsburgh, Pa. 15219

MCL001523
HARTOLDMON0002500

Director of Purchases
Kaiser Aluminum & Chemical Corp.
3400 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Kawneer Company
P. O. Box 516
Jonesboro, Georgia 20236

Director of Purchases
Kamin Die Casting
3315 North Knox
Chicago, Illinois 60641

Director of Purchases
M. W. Kellogg Company
711 Third Avenue
New York, New York

Director of Purchases
Kason Hardware Corporation
Colesville Road
Binghamton, New York 13902

Director of Purchases
Kelsey Hayes Company
38481 Huron River Drive
P. O. Box 98
Detroit, Michigan 48174

Director of Purchases
Kasper Foundry Company
P. O. Box 549
Elyria, Ohio 44035

Director of Purchases
Kenco Die Casting and Engineering C
14418 S. San Pedro Street
Gardena, California 90247

Director of Purchases
Kawecki Chemical Company
Wenatchee Works
P. O. Box 1704
Wenatchee, Washington 98801

Director of Purchases
Kennametal Incorporated
Labrobe, Pennsylvania 15650

Director of Purchases
Joslyn Stainless Steel
1701 McKinely Avenue
Ft. Wayne, Indiana

Director of Purchases
JMP Air Company
Lake Tenikeler
Star Route
Vian, Oklahoma 74926

Director of Purchases
The Joyce-Cridland Company
1st & Hott Streets
Dayton, Ohio 45403

Director of Purchases
Ben Johnson Associates, Inc.
460 South 1st Street
Bangor, Pennsylvania 18013

Director of Purchases
Julian Aluminum Foundry Company
13651 Helen
Detroit, Michigan 49212

Director of Purchases
Jones Boat Yard
3399 N.W. So. River Drive
Miami, Florida

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P.O. Box 89
Oakland, California 94604

Director of Purchases
E.M. Jorgensen Steel Company
8531 East Marginal Way South
Seattle, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P.O. Box 6217
Spokane 28, Washington

MCL001525
HARTOLDMON0002502

Director of Purchases
International Paper Company
Southern Kraft Division
P. O. Box 2448
Mobile, Alabama 36601

Director of Purchases
ITT Controls and Instruments
801 Allen Avenue
Glendale, California

Director of Purchases
International Tool and Supply Company
P. O. Box 3292
Houston, Texas 77001

Director of Purchases
ITT Federal Support Services, Inc.
Federal Building
Box 100
Richland, Washington 99352

Director of Purchases
Ireco Industries Incorporated
1300 Bethel Drive
P. O. Box 2709
Eugene, Oregon 97402

Director of Purchases
ITT Rayonier Incorporated
P. O. Box 299
Hoquiam, Washington 98550

Director of Purchases
Town of Islip
County of Suffolk
Town Hall, Main Street
Islip, New York 11751

Director of Purchases
Jackes-Evans Manufacturing Co.
11737 Administration Drive
West Port Industrial Park
St. Louis, Missouri 53141

Director of Purchases
ITT Cannon Electric Company
666 East Dryer Road
Santa Ana, California

Director of Purchases
Jade Corporation
3063 Philmont Avenue
Bethayres, Pennslyvania 19006

Director of Purchases
Ingersoll-Rand Company
Industrial Park
Campbellville, Ky. 42718

Director of Purchases
Interlakes Engineering
39200 Groesbeck Highway
Mt. Clemens, Michigan 48043

Director of Purchases
Intermarine Services, Incorporated
7016 North Loop East
Houston, Texas 77028

Director of Purchases

Ingram Richardson, Inc.

Frankfort, Indiana 46041

Director of Purchases
IMB Corporation
Monterey & Cottle Roads
San Jose, California 95114

Director of Purchases
International Cast Products, Inc.
1505 West 139th Street
Gardena, California

Director of Purchases
Interlake Steel Corporation
135th & Perry Avenue
Chicago, Illinois 60627

Director of Purchases
International Harvester Company
Melrose Park Works
10400 West North Avenue
Melrose Park, Illinois

Director of Purchases
Hydranamics Systems Corporation
19613 81st Street South
Kent, Washington

Director of Purchases
Illinois Brick Company
Block Plant 2
1234 Rd. and California
Blue Island, Illinois

Director of Purchases
Hydraulic & Air Equipment Company
1925 N. W. Quimby Street
Portland, Oregon 97209

Director of Purchases
Illinois Lock Company
301 West Hintz Road
Wheeling, Illinois 60090

Director of Purchases
Hydraulic Service Company
522 Township Line Road
Cheltenham, Pennsylvania 19012

Director of Purchases
Impact Die Casting Corporation
1212 East Sixth Street
Sandwich, Illinois

Director of Purchases
Hydro Conduit Corporation
P.O. Box 939
Corona, California 91720

Director of Purchases
Inductotherm Corporation
10 Indel Avenue
Rancocas, New Jersey 08073

Director of Purchases
Ideal Fishing Float Company, Inc.
2001 East Franklin Street
Richmond 3, Virginia

Director of Purchases
Industrial Castings Incorporated
9400 Meech Avenue
Cleveland, Ohio 44105

MCL001528
HARTOLDMON0002505

Director of Purchases
E. F. Houghton & Company
300 West Lehigh Avenue
Philadelphia 33, Pennsylvania

Director of Purchases
Hugle Industries
625 North Pastoria Avenue
Sunnyvale, California 94086

Director of Purchases
Houston Systems Mfg.
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Humble Oil & Refining Company
Benicia Refinery
Benicia, California

Director of Purchases
Howmet Corporation
Aluminum Division
P. O. Box 1167 TR
Lancaster, Pennsylvania 17604

Director of Purchases
Hunt Wesson Foods Incorporated
Glass Container Corporation
P. O. Box 3758
Term Annex
Los Angeles, 54, California

Director of Purchases
Huckins Tod & Die Company
1010 Prairie Avenue
Southbend, Indiana 46621

Director of Purchases
Hunt Wesson Foods Incorporated
4421 West 31st Street
Chicago, Illinois

Director of Purchases
Huffaker Plumbing and Heating Co.
725 Front Street
Troy, Ohio 45373

Director of Purchases
Hyatt Die Casting & Engineering Co.
4656 Lincoln Avenue
Cypress; California 90630

Director of Purchases
High Voltage Power Corporation
Walk Up Drive
Westboro, Ma. 01581

Director of Purchases
Honeywell Incorporated
17300 South Western Boulevard
Gardena, California 90427

Director of Purchases
Hilliard Corporation
100 West 4th Street
Elmira, New York 14902

Director of Purchases
Honeywell Incorporated
Ordnance Division
600 2nd Street North
Hopkins, Minnesota

Director of Purchases
Hitchcock Industries, Incorporated
8701 Bloomington Avenue South
Minneapolis, Minnesota

Director of Purchases
Hooker Chemical Corporation
P. O. Box 344
Niagara Falls, New York

Director of Purchases
Holly Hydraulics Incorporated
Monmount Road
Rd. 1
Mt. Holly, New Jersey 08060

Director of Purchases
Hopping Foundry
367 Arroyo Parkway
Pasadena, California

Director of Purchases
Holt Industries, Inc.
5221 Lincolm Boulevard
Venice, California

Director of Purchases
Hot Springs Brass and Foundry Co.
418 Cleveland Street
Hot Springs, Arkansas 71901

Director of Purchases
W. R. Grace & Company
Nitrogen Products
P. O. Box 277
Memphis, Tennessee 38101

Director of Purchases
Heat & Control
225 Shaw Road
San Francisco, California 94080

Director of Purchases
Havenly Products Company
Box 222
St. Clair Shores, Michigan

Director of Purchases
Heisler Machine & Tool Company
224 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Hawthorne Melody Farms Dairy
4201 West Chicago Avenue
Chicago, Illinois 60651

Director of Purchases
Helmerich & Payne Intl.
Utica & 21st Street
Tulsa, Oklahoma 74114

Director of Purchases
Hays Manufacturing Company
12th and Liberty Streets
Erie, Pennsylvania 16512

Director of Purchases
Hercules Incorporated
Radford Arsenal
Radford, Virginia

Director of Purchases
Peter Healey Brass Foundry Inc.
P. O. Box 4163
Station A
Evansville, Indiana 47711

Director of Purchases
Hewlett Packard Company
1401 Page Hill Road
Palo Alto, California 94304

MCL001531
HARTOLDMON0002508

Director of Purchases
Harvey Aluminum
P. O. Box 8
Lewisport, Kentucky 43251

Director of Purchases
Hanna Nickle Smelting Company
Riddle, Oregon 97469

Director of Purchases
Harvey Aluminum Incorporated
19200 South Western Avenue
Torrance, California 90509

Director of Purchases
H. M. Harper Company
8200 Le High Avenue
Morton Grove, Illinois 60053

Director of Purchases
Harvey Aluminum Reduction Division
P. O. Box 711
The Dalles, Oregon

Director of Purchases
Harrison Machine Company
3118 Station Road
P. O. Box W 67
Wesleyville, Erie, Pa. 16510

Director of Purchases
H. L. Harvill Manufacturing Company
24201 Orange Avenue
Perris, California

Director of Purchases
Harvey Aluminum of Washington
Star Route 677
P. O. Box 677
Goldendale, Washington 98620

Director of Purchases
Hatco Chemical Division
W. R. Grace & Company
King George Post Road
Fords, New Jersey, 08863

Director of Purchases
Great Western Sugar Company
Terminal Annex
P. O. Box 5308
Denver, Colorado

Director of Purchases
Gulf Coast Aluminum Corporation
P. O. Box LL
Lake Charles, Louisiana 70601

Director of Purchases

A. P. Green Refractories

Mexico, Missouri 65265

Director of Purchases
Gulf Oil Corporation
P. O. Box 1166
Gulf Building
Pittsburgh, 40, Pa.

Director of Purchases
Griffin Pipe Products Company
R. D. Plant
1100 West Front Street
Florence, New Jersey 08518

Director of Purchases
Gulf States Tube Corporation
P. O. Box 952
Rosenberg, Texas 77471

Director of Purchases
Grinnell Corporation
P. O. Box 59
Columbia, Pennsylvania 17512

Director of Purchases
Hallenberger Incorporated
P. O. Box 5085
Evansville, Indiana 47711

Director of Purchases
Grotnes Machine Works Incorporated
5454 North Wolcott
Chicago, Illinois 60640

Director of Purchases
Hamco Division
Kayex Corporation
1000 Millstead Way
P. O. Box 8920
Rochester, New York 14624

Director of Purchases
Globe Industries Incorporated
1784 Stanley Avenue
Dayton 4, Ohio

Director of Purchases
Goulds Pumps Incorporated
Seneca Falls, New York 13148

Director of Purchases
Golden Foundry Company
1616 10th Street
Columbus, Indiana 47201

Director of Purchases
Grand Steel & Mfg. Company
1400 West 14 Mile Road
Clawson, Michigan 48017

Director of Purchases
The Goodyear Tire & Rubber Co.
Akron, Ohio 44315

Director of Purchases
Granite City Steel Company
Granite City, Illinois

Director of Purchases
Goslin-Birmingham, Incorporated
8th Avenue and 33rd Street North
Birmingham, Alabama 35222

Director of Purchases
Great Lakes Carbon Corporation
P. O. Box 2868
Carondelet Station
526 East Catalin Street
St. Louis, Missouri 63111

Director of Purchases
Gould Incorporated
Clevite Bearing Division
17000 St. Claire Avenue
Cleveland, Ohio 44110

Director of Purchases
Great Lakes Gas Transmission Compa
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Getty Oil Company
4201 Wilshire Boulevard
Tidewater Building
Los Angeles, 5 California

Director of Purchases
Glass Rock Products
2710 Marietta Boulevard N.W.
Atlanta, Georgia 30819

Director of Purchases
Getty Oil Company
P.O. Bin H
Taft, California 93268

Director of Purchases
Glass City Tool and Die Company
5202 Enterprise Boulevard
Toledo, Ohio 43612

Director of Purchases
Getty Oil Company
P.O. Box 954
Coalinga, California

Director of Purchases
Glen-Gery Corporation
P.O. Box 1656
East Canton, Ohio 44730

Director of Purchases
Gilmore Industries Inc.
3355 Richmond Road
Cleveland, Ohio 44122

Director of Purchases
Glenvale Products Division
Hoover Ball Bearing Company
P.O. Box 220
Malvern, Arkansas 72104

Director of Purchases
GIM Metal Products Inc.
164 Glen Cove Road
Carle Place, New York 11514

Director of Purchases
Global Supply
P.O. Box 1523
Houston, Texas 77001

Director of Purchases
General Motors Corporation
Chevrolet-Saginaw Grey Iron Foundry
10th and Washington
Saginaw, Michigan

Director of Purchases
General Dynamics Corporation
P. O. Box 748
Fort Worth, Texas 76101

Director of Purchases
General Motors Corporation
Central Foundry Division
77 West Center Street
Saginaw, Michigan

Director of Purchases
General Shale Products, Incorporated
P. O. Box 96
Morresville, Indiana 46158

Director of Purchases
General Motors Corporation
Definace Plant
Definace, Ohio

Director of Purchases
Georgetown Steel
P. O. Box 619
Georgetown, South Carolina 29440

Director of Purchases
General Motors Corporation
New Departure
Hyatt Bearings
Sandusky, Ohio 44871

Director of Purchases
Gerard Metal Craftsman
151 West Rosecrans Avenue
Gardena, California 90247

Director of Purchases
General Casting Corporation
Route 6
Jefferson Valley, New York 10535

Director of Purchases
Gerity Schultz Corporation
1810 Clinton Street
Toledo, Ohio 43607

Director of Purchases
General Motors Corporation
Chevrolet Motors Division
Roosevelt Town
Massena, New York 13662

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
Attn: Financial Dept.
P. O. Box 460
Massena, New York 13662

Director of Purchases
General Motors Corporation
Delco Remy Division
Accounts Payable Department
Anderson, Indiana 46014

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
P. O. Box 21
Buffalo, New York 14240

Director of Purchases
General Motors Corporation
Proving Grounds
Accounts Payable
Milford, Michigan 48042

Director of Purchases
General Motors Corporation
Chevrolet Bay City Plant
100 Fitzgerald Street
Bay City, Michigan 48706

Director of Purchases
General Motors Corporation
Buick Motor Division
Hamilton Avenue
Flint, Michigan

Director of Purchases
GMC Chevrolet Motor Division
Buffalo Plant
1001 East Delavan Avenue
P. O. Box 972
Buffalo, New York 14240

Director of Purchases
Pontiac Motor Division
Box 55
Pontiac, Michigan

Director of Purchases
General Electric Company
Apparatus Service Shop
156 Circle Freeway Drive
Cincinnati, Ohio 45246

Director of Purchases
General Electric
Service Shop
175 Milens Road
Tonawanda, New York 14150

Director of Purchases
General Electric
Lamp Metals & Components
21800 Tungsten Road
Cleveland, Ohio 44117

Director of Purchases
General Motors Corporation
Delco Battery Operations
Delco Remy Division
1201 North Magnolia
Anaheim, California

Director of Purchases
General Electric Company
4811 Chaffey Access Road
Fort Smith, Arkansas

Director of Purchases
General Motors Corporation
Delco Remy Division
P. O. Box 2439
Accounts Payable Department
Anderson, Indiana 46011

Director of Purchases
General Electric
1801 South 12th Street
Allentown, Pa. 18103

Director of Purchases
General Motors Corporation
Delco Radio Division
Kokomo, Indiana

Director of Purchases
General Electric
Atomic Power Equipment Department
P. O. Box 254,
2151 South First Street
San Jose, California

Director of Purchases
General Motors
Central Foundry Division
77 West Center Street
Saginaw, Michigan 48605

Director of Purchases
Formex Company
Austin Street
P.O. Box 330
Greenville, Tennessee

Director of Purchases
Gedney Electric Company
Main Street
Terryville, Conn. 06786

Director of Purchases
Ft. Smith Industrial Foundation Corp.
P.O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
General Cable Corporation
500 High Street
Perth Amboy, N.J.

Director of Purchases
Fraser Machine Products
6338 Lindmar Drive
Goleta, California 92017

Director of Purchases
General Electric
Accounts Payable
Building 5, Room 137
Louisville, Kentucky 40225

Director of Purchases
J.L. French Corporation
3101 S. Taylor Drive
Sheboygan, Wisconsin

Director of Purchases
General Electric
1731 Edsall Avenue
Ft. Wayne, Indiana 46803

Director of Purchases
Gardner Denver Company
Gardner Expressway
Quincy, Illinois 62301

Director of Purchases
General Electric
Aerospace Electronics
Accounts Payable Dept.
Box 459
Utica, New York 13503

Director of Purchases
Federal Mogul Division
Federal Mogul Corporation
451 County Line Road
Mooresville, Indiana 46158

Director of Purchases
Florida Steel Corporation
P. O. Box 3321
Tampa, Florida 33601

Director of Purchases
Federal Mogul
2310 S. Industrial Highway
Ann Arbor, Michigan

Director of Purchases
Florida Steel
P. O. Box 518
Indiantown Electric Steel Mill
Indiantown, Florida 33456

Director of Purchases
Federal Screws Works, Incorporated
3401 Martin Avenue
Detroit, Michigan 48210

Director of Purchases
Fluid Controls Incorporated
P. O. Box 49
Mentor, Ohio 44060

Director of Purchases
Feem Products Incorporated
P. O. Box 242
Iola, Kansas 66749

Director of Purchases
Foote Mineral Company
Kemco Operation
Commercial Alley
Keokuk, Iowa 52632

Director of Purchases
University of Southern Florida
4202 Fowler Avenue
Tampa, Florida 33620

Director of Purchases
Ford Motor Company
Box 458
Dearborn, Michigan

Director of Purchases
Erie Mining
Box 947
Hoyt Lake, Minnesota 55750

Director of Purchases
Excello Corporation
945 East State Street
Greenville, Ohio

Director of Purchases
Esco Corporation
2141 N.W. 25th Avenue
Portland, Oregon

Director of Purchases
Fan Steel Incorporated
Route 5
Box 238
Muskogee, Oklahoma 74401

Director of Purchases
Essex International Company
Polymer Division
2816 North Main Street
Rockford, Illinois 61103

Director of Purchases
Farrell Cheek Steel Company
710 Lane Street
Sandusky, Ohio 44870

Director of Purchases
Essex International
P.O. Box 278
618 Fourth Street
Three Rivers, Michigan 49193

Director of Purchases

Fate-Root Heath Company

Plymouth, Ohio 44865

Director of Purchases
Ethyl Corporation
1600 West 8 Mile Road
Ferndale, Michigan 48220

Director of Purchases
Federated Metals
P.O. Box 24038
Houston, Texas 77029

MCL001541

HARTOLDMON0002518

Director of Purchases
Electrolux Corporation
Division Consolidated Foods Corporation
51 Forest Avenue
Old Greenwich, Connecticut 06870

Director of Purchases
Emerson Electric Company
In-Sink-Erator Division
4700 21st Street
Racine, Wisconsin

Director of Purchases
Elliott Company
North Fourth Street
Jeanette, Pennsylvania 15644

Director of Purchases
Empire Adhesives
70 Concord Street
North Reading, Massachusetts 01864

Director of Purchases
El Paso Natural Gas
P. O. Box 1492
El Paso, Texas

Director of Purchases
Empire Die Casting Company
19800 Miles Avenue
Cleveland, Ohio 44128

Director of Purchases
The Elwell-Parker Electric Company
4205 St. Clair Avenue
Cleveland, Ohio 44103

Director of Purchases
Empire Plow Company
3140 East 65th Street
Cleveland, Ohio 44127

Director of Purchases
Mr. R. E. Petering
Emerson Electric Mfg. Company
Turrett Division
810 Florissant Avenue
St. Louis, Missouri

Director of Purchases
Erickson Corporation
211 St. Anthony Boulevard N. E.
Minneapolis, Minnesota

Director of Purchases
Eastland Industries, Incorporated
P. O. Box 190
Eastland, Tx. 76448

Director of Purchases
E G & G Incorporated
P. O. Box 294
San Ramon, California 94583

Director of Purchases
Eastman Kodak Company
Kodak Part Works
543 State Street
Rochester 4, New York

Director of Purchases
E & H Specialties
1907 College Wood
Ypsilanti, Michigan 48197

Director of Purchases
Eaton Corporation
Char-Lynn Plant
15151 Highway 5
Eden Prairie, Minnesota 55343

Director of Purchases
Elano Corporation
2455 Dayton Xenia Road
Xenia, Ohio 45385

Director of Purchases
Eaton Corporation
1111 East 200th Street
Cleveland, Ohio

Director of Purchases
Electric Energy Incorporated
P. O. Box 165
Joppa, Illinois 62953

Director of Purchases
Eaton Yale & Towne, Incorporated
Eaton Valve Division
463 North 20th Street
Battle Creek, Michigan

Director of Purchases
Electrical Products Division
Midland Ross Corporation
2210 South David Street
Los Angeles, California 90022

MCL001543
HARTOLDMON0002520

Director of Purchases
Dryad Die Casting Corporation
North Avenue
Manchester, New York

Director of Purchases
Dutton-Lainson Company
1601 West Second Street
Hastings, Nebraska 68901

Director of Purchases
Duncan Industries Incorporated
751 Pratt Boulevard
Elk Grove Village, Illinois 60007

Director of Purchases
Dynamic Forge Corporation
Oxford, Nebraska

Director of Purchases
E. I. Du Pont de Nemours & Co., Inc.
Purchasing Department
Room 6074
Wilmington, Delaware

Director of Purchases
Eagle Iron Works
P. O. Box 934
Des Moines, Iowa 50304

Director of Purchasing
Duquesne Light
General Purchasing Department
Elrama, Pennsylvania 15038

Director of Purchases
East Chicago Machine Tool Corp.
4801 Railroad Avenue
East Chicago, Indiana 46312

Director of Purchases
Durrum Instruments
3950 Fabian Way
Palo Alto, California 94303

Director of Purchases
Eastern Castings
64 South William
Newburgh, New York 12550

MCL001544
HARTOLDMON0002521

Director of Purchases

Dix Line Casket Hardware Company

Galva, Illinois

Director of Purchases
Dow Chemical Company
P. O. Box 752
Russellville, Arkansas 72801

Director of Purchases
Dort Manufacturing Company
3283 South Dort Highway
Flint, Michigan 45807

Director of Purchases

Dow Chemical Company

P. O. Box 1724

Midland, Michigan

Director of Purchases

Double A Products Company

Manchester, Michigan

Director of Purchases
Dravo Corporation
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Dover-Hunter-Hays Company
106 Buena Vista S. E.
Alburquerque, New Mexico

Director of Purchases
Dresser Industries
P. O. Box 7247
Dallas, Texas 57209

Director of Purchases
Down Industrial Service
428 Thatcher Drive
Box 2429
Youngstown, Ohio 44509

Director of Purchases
Drumheller Tool & Die Company
7312 Elmo
Tujunga, California 91042

Director of Purchases
Delta Die Casting
217 Fay Avenue
Addison, Illinois 60101

Director of Purchases
Diamond Shamrock
Belle West, Virginia 25015

Director of Purchases
City of Detroit
City Controller
1110 City-County Building
Detroit, Michigan 48226

Director of Purchases
Die Cast Corporation
415 Cleveland Avenue
Sheboygan Falls, Wisconsin

Director of Purchases
A. P. De Sanno & Sons Incorporated
Phoenixville, Pennsylvania

Director of Purchases
Die Cast Manufacturing
10148 Rust Street
El Monte, California 91733

Director of Purchases
Diamond Chain Company
402 Kentucky Avenue
Indianapolis, Indiana

Director of Purchases
Dive Shop
110 West Main Street
Bayshore, New York 11706

Director of Purchases
Diamond Metal Alloys
P. O. Box 2119
Houston, Texas 77001

Director of Purchases
Divers Equipment
5800 Barrymore
Kansas City, Missouri 64134

Director of Purchases
Dallas Die Casting Company
334 Rock Island Street
Dallas, Texas

Director of Purchases
Dayton Malleable Iron
3931 South Dixie Highway
Dayton, Ohio 45439

Director of Purchases
Dana Corporation
Perfect Circle Sleeve Division
Route 35 West
P. O. Box 990
Richmond, Indiana 47374

Director of Purchases
Deering Milliken, Incorporated
P. O. Box 1838
Spartanburg, South Carolina 29301

Director of Purchases
Dana Corporation
4100 Bennett Road
Toledo 1, Ohio

Director of Purchases
De Laval Manufacturing Company
811 Fourth Street
West Des Moines, Iowa

Director of Purchases

Davis Fire Brick Company

Oak Hill, Ohio 45556

Director of Purchases
De Laval Separator Company
350 Dutchess Turnpike
Poughkeepsie, New York 12602

Director of Purchases
J. H. Day Company
Cleveland Automatic Machine Company
Division
4932 Beech
Cincinnati 12, Ohio

Director of Purchases
Delmar Die Casting
17250 South Main
Gardena, California 90247

MCL001547
HARTOLDMON0002524

Director of Purchases
Crane Company
Airport Road
Jonesboro, Arkansas 72401

Director of Purchases
Custom Beverage & Canners
P. O. Box 1048
Charlotte, North Carolina 28201

Director of Purchases
Crist Machinery & Supply
Plateau Supply Incorporated
P. O. Box 563
Albuquerque, New Mexico 87103

Director of Purchases
Cuyahoga Industries Division
Basic Aluminum Castings Co.
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Crucible Steel Company of America
Sanderson Halcomb Works
Syracuse, New York

Director of Purchases
Cyclops Corporation
Empire Reeves Steel Division
913 Bowmen Street
Mansfield, Ohio 44901

Director of Purchases
W. F. Curlee Manufacturing Company
P. O. Box 776
Houston, Texas

Director of Purchases
Daca Company
312 Carleton Avenue
Maryville, Michigan

Director of Purchases
Curtis Manufacturing
1905 Kienlen Avenue
St. Louis, Missouri 63133

Director of Purchases
Daisy Heddon Division
Victor Compometer Corporation
Rogers, Arkansas 72756

MCL001548
HARTOLDMON0002525

Continental Can Company, Inc.
Director of Purchases
19801 Holland Road
Cleveland, Ohio 44142

Director of Purchases
Continental Steel Corporation
South Plant
Kokomo, Indiana

Director of Purchases
Continental Can Company, Inc.
95 West Cresentville Road
Cincinnati, Ohio 45246

Director of Purchases
Copperweld Steel
Ohio Sheet Tube Division
Shelby, Ohio 44875

Director of Purchases
Continental Can Company, Inc.
4848 Giuton
P.O. Drawer 22085
Houston, 27, Texas

Director of Purchases
Countrys Delight Milk
Division of Certified Grocers of Ill.
5332 Southwestern Avenue
Chicago, Illinois 60609

Director of Purchases
Continental Emsco
P.O. Box 1522
Houston, Texas 77002

Director of Purchases
L.M. Cox Manufacturing Company I:
P.O. Box 476
Santa Ana, California

Director of Purchases

Continental Machines Incorporated

Savage, Minnesota 55378

Director of Purchases

Crane Company

4100 South Kedzie Avenue

Chicago, Illinois 62632

Director of Purchases
Constellation Steel Mill Equipment
200 West North Bend Road
Cincinnati, Ohio 45216

Director of Purchases
Continental Can, Co., Inc.
2727 West Higgins
Elk Grove Village, Illinois

Director of Purchases
Continental Can Company, Incorporated
1517 South Gertrude Place
Santa Ana, California

Continental Can Company, Inc.
Director of Purchases
11725 West 85th Street
Lenexa, Kansas 66215

Director of Purchases
Continental Can Company, Incorporated
Bond Crown & Cork Division
16th & Locust Streets
Wilmington, Delaware

Director of Purchases
Continental Can Company, Inc.
7100 East Baltimore Street
Baltimore, Maryland

Director of Purchases
Continental Can Company, Incorporated
135 South La Salle Street
Chicago 3, Illinois

Director of Purchases
Continental Can Company, Inc.
300 Ryders Lane
Milltown, New Jersey 08850

Director of Purchases
Continental Can Company, Incorporated
P. O. Box 1419
Clarksburg, West Virginia 26301

Director of Purchases
Continental Can Company, Inc.
170 Circle Drive North
Piscataway, New Jersey 08824

Director of Purchases
Collins Radio
1930 Hiline Drive
Dallas, Texas 75207

Director of Purchases
Commercial Filters Corporation
415 Indianapolis Avenue
Lebanon, Indiana

Director of Purchases
Collins Radio
Cedar Rapids, Iowa

Director of Purchases
Commodity Steel Processing
6561 East 7 Mile Road
Detroit, Michigan 38234

Director of Purchases
Colorado Interstate Gas Company
P. O. Box 1087
Colorado Springs, Colorado

Director of Purchases
Commonwealth Edison
72 West Adams Street
P. O. Box 767
Chicago, Illinois 60690

Director of Purchases
Colson Company
440 Somerville Avenue
Somerville, Massachusetts 02143

Director of Purchases
Consolidated Aluminum Corporation
1100 Richmond
Jackson, Tennessee

Director of Purchases
Colt Industries
Crucible Magnetics Division
P. O. Box 100
Elizabethtown, Kentucky 42701

Director of Purchases
Consolidated Edison Company
of New York, Incorporated
4 Irving Place
New York, 3 New York

Director of Purchases
Cities Service
Tampa Agri. Chem Operations
P.O. Box 3269
Tampa, Florida 3360,

Director of Purchases
Clevite Corporation
Cleveland Graphite Bronze Division
Caldwell, Ohio

Director of Purchases
Melroe Company
Clark Equipment
Gwinner, North Dakota

Director of Purchases
Cliquot Club Company
725 Main Street
Millis, Maine 02054

Director of Purchases
Cleveland Crane & Engineering
1271 East 289th Street
Wickliffe, Ohio 4092

Director of Purchases
Clover Casting Company
P.O. Box 565
Redwood Highway South
Cloverdale, California 95425

Director of Purchases
Cleveland Graphite Bronze
Division Clevite Corporation
16800 St. Clair
Cleveland, Ohio 44110

Director of Purchases
Club Monarch Aluminum Division
Standard International Corporation
9205 Detroit Avenue
Cleveland, Ohio 44102

Director of Purchases
Clevite Corporation
Piezoelectric Division
232 Forbes Road
Bedford, Ohio

Director of Purchases
Clyde Equipment and Engr. Company
P.O. Box 1926
Bechtold Station
St. Louis, Missouri

Director of Purchases
Cerro Corporation
Cerro Copper & Brass Division
Bellefonta, Pennsylvania

Director of Purchases
Chrysler Corporation
Indianapolis Foundry
1100 South Tibb Avenue
Indianapolis, Indiana

Director of Purchases
Char-Lynn Company
15151 Highway Five
Eden Prairie, Minnesota 55345

Director of Purchases
Ciba Pharmaceutical
556 Morris Avenue
Summit, New Jersey 07901

Director of Purchases
Chase Manufacturing
Chase Road
Douglas, Michigan

Director of Purchases
Cincinnati Shaper
P. O. Box 111
Cincinnati, 45211

Director of Purchases
Chemola Mfg. Company
4750 Clinton Drive
Houston, Texas

Director of Purchases
Cities Service Oil
Purchasing Deaprtment
P. O. Box 245
Tulsa, Oklahoma 73102

Director of Purchases
Chicago White Metal Casting Company
5239 West Grand
Chicago, Illinois 60639

Director of Purchases
Cities Service Gas Company
P. O. Box 25128
Oklahoma City, Oklahoma 73125

Director of Purchases
Carter Carburetor Corporation
2840 South Spring Avenue
St. Louis, Missouri

Director of Purchases
Catching Engineer
2101 Roberts Drive
Broadview, Illinois 60153

Director of Purchases
Carter Mech. Incorporated
Box 28
Galion, Ohio 44833

Director of Purchases
Caterpillar Tractor Company
Peoria 3, Illinois

Director of Purchases
Cast All Corporation
229 Liberty Avenue
Mineola, New York 11500

Director of Purchases
Celanese Polymer Company
160 Aterminal Avenue
Clark, New Jersey

Director of Purchases
Cast Forge Company
2440 West Highland Road
Howell, Michigan 48843

Director of Purchases
Central Die Casting & Mfg. Company
2935 West 47th Street
Chicago, Illinois

Director of Purchases
Catalina Divers
P. O. Box 126
Avalon, California 90704

Director of Purchases
Century Electric Company
1806 Pine Street
St. Louis, Missouri

Director of Purchases
Cabot Corporation
Stellite Division
1020 West Park Avenue
Kokomo, Indiana 46901

Director of Purchases
The Carborundum Company
P. O. Box 337
Niagara Falls, New York 14302

Director of Purchases
Cabot Corporation
P. O. Box 1101
Pampa, Texas 79065

Director of Purchases
Cargill-Detroit Corporation
1250 Northcooks Road
Clawson, Michigan 48017

Director of Purchases
Calhoun Foundry Company, Inc.
South Clay Street
Homer, Michigan 49245

Director of Purchases
Carling Brewing
9400 Quincy Avenue
Cleveland, Ohio

Director of Purchases
Cameron Iron Works Incorporated
Oil Well Specialists
P. O. Box 1212
Houston, Texas

Director of Purchases
Carpenter Technology Corporation
P. O. Box 662
Reading, Pennsylvania 19603

Director of Purchases
Capstone Industries
P. O. Box 4 060
Corpus Christi, Texas 78408

Director of Purchases
Carrier Air Conditioning Company
Division Carrier Corporation
Box 1264
Syracuse, New York 13201

Director of Purchases
Brown Company
Purchasing Department
Berlin, New Hampshire 03570

Director of Purchases
Bucyrus-Erie Company
P. O. Box 56
South Milwaukee, Wisconsin 53172

Director of Purchases
Brunswick Corporation
1700 Messler
Muskegon, Michigan

Director of Purchases
Budd Company
2450 Hunting Park Avenue
Philadelphia, Pennsylvania

Director of Purchases
Brush Beryllium Company
17876 St. Clair Avenue
Cleveland, Ohio 44110

Director of Purchases
Bunting Brass & Bronze Company
715 Spencer Street
Toledo, Ohio 43609

Director of Purchases
B&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

Director of Purchases
C&H Die Casting Incorporated
P. O. Box 1170
Temple, Texas

Director of Purchases
Buckeye Steel Castings Company
2211 Parsons Avenue
Columbus, Ohio

Director of Purchases
CE Refractories
101 Ferry Street
St. Louis, Missouri 63147

MCL001556
HARTOLDMON0002533

Director of Purchases
The Borden Company
Columbus Coated Fabrics
1280 North Grant Avenue
Columbus, Ohio 43216

Director of Purchases
Brackett Stripping Company, Inc.
P. O. Box 125
Topeka, Kansas 66601

Director of Purchases
Borg Warner Corporation
York Division
P. O. Box 1592
York, New York 17405

Director of Purchases
C. F. Braun
2500 Orange Street
Alhambra, California 91802

Director of Purchases
Borg Warner Corporation
Calumet Steel Division
Box 217
Chicago Heights, Illinois 60411

Director of Purchases
Brewster Company
P. O. Drawer 1095
Shreveport, Louisiana 71102

Director of Purchases
Bossert Manufacturing Corporation
1002 Oswego Street
Utica, New York 13503

Director of Purchases
Bridgeport Brass
30 Grant Street
Bridgeport, Connecticut 06602

Director of Purchases
Bounty Shoes
R. H. Bouligny Company Inc.
433 West Morehead
Charlotte, North Carolina

Director of Purchases
Briggs & Stratton
P. O. Box 700
Milwaukee, Wisconsin 53201

MCL001557
HARTOLDMON0002534

Director of Purchases
Bethlehem Steel Corporation
701 East Third Street
Bethlehem, Pennsylvania

Director of Purchases
Blaw Knox Company
Farmers Bank Building
Pittsburgh, Pennsylvania

Director of Purchases
Big Three Industrial Gas & Equipment Company
P.O. Box 3047-TR
Houston, Texas 77011

Director of Purchases
Blaw Knox Company
Warwood Works
Warwood, West Virginia

Director of Purchases
Black and Decker Manufacturing Co.
Fountain Avenue
Lancaster, Pennsylvania

Director of Purchases
E.W. Bliss
Babcock and Wilcox
1501 Raff Road
Canton, Ohio

Director of Purchases

Blackwell Zinc

Blackwell, Oklahoma 74631

Director of Purchases
Boeing Company
Commercial Airplane Division
P.O. Box 3707
Seattle, Washington 98124

Director of Purchases
Blake Marine
12 Connybrook Road
Montvale, New Jersey 07645

Director of Purchases
Bohn Aluminum & Brass Corporatio
Division Universal American Corp.
E. Maumee Street
Adrian, Michigan

MCL001558
HARTOLDMON0002535

Director of Purchases
Bell & Howell Company
7100 McCormick
Chicago, Illinois

Director of Purchases
Bendix Corporation
Scientific Instruments & Equip. Div.
1775 Mt. Read Boulevard,
Rochester, New York 14603

Director of Purchases
Bellows Valair
1150 Newark Road
Zanesville, Ohio 43701

Director of Purchases
Bendix Corporation
95th & Troost
Kansas City, Missouri

Director of Purchases
Belridge Oil Company
1300 West Fourth Street
Los Angeles, California 90017

Director of Purchases
Bendix Corporation
Scintilla Magneto Division
Sidney, New York

Director of Purchases
Bendix Corporation
11600 Sherman Way
North Hollywood, California

Director of Purchases
Bendix Corporation
Utica Division
211 Seward Avenue
Utica, New York

Director of Purchases
Bendix Corporation
Bendix Products
Aerospace Division
410 West Bendix Drive
South Bend, Indiana 46619

Director of Purchases

Bertram Delco

Kokomo, Indiana

MCL001559
HARTOLDMON0002536

Director of Purchases
Barber Coleman Company
1300 Rock Street
Rockford, Illinois

Director of Purchases
Bauer Ind. Sales
611 Dettford Avenue
Dayton , Ohio 45429

Director of Purchases
Barber Die & Tool
4707 West North Avenue
Chicago, Illinois 60639

Director of Purchases
A.J. Baxter Company
10171 West Jefferson
River Rouge, Michigan 49128

Director of Purchases
Baron Blakeslee
Division of Purex Corporation
9445 Ann Street
Santa Fe Springs, California 90670

Director of Purchases
City of Beacon
Commissioner of Accounts
City Office
Beacon, New York 12508

Director of Purchases
Basic Aluminum Castings Company
1325 East 168th Street
Cleveland 10, Ohio

Director of Purchases
Beardsley Piper Division
Pettibone Mullikin Company
2424 North Cicero Avenue
Chicago, Illinois

Director of Purchases
Baso Division
Penn Controls, Incorporated
4000 West Burnham
Milwaukee, Wisconsin

Director of Purchases
Belden Corporation
415 S. Kilpatrick Avenue
Chicago, Illinois 60644

Director of Purchases
Atlantic Steel Company
1365 Mecaslin Street North West
c/o Mill Storeroom
Atlanta, Georgia 30301

Director of Purchases
Badger Die Casting Corporation
201 West Oklahoma Avenue
Milwaukee, Wisconsin 53207

Director of Purchases
Atlas Systems
P.O. Box 496
Parkwater Station
Spokane, Washington 99211

Director of Purchases
Ball Corporation
4000 North Arden Drive
Muncie, Indiana 47302

Director of Purchases
Auto Control Laboratories
Div. Rucker Company, Inc.
5251 West Imperial Highway
Los Angeles, California 90045

Director of Purchases
Ball Corporation
1200 Townline Road
Tre 60 at Jct. 45
Mundelein, Illinois 60060

Director of Purchases
Aves Manufacturing Company
4211 Redwood Avenue
Los Angeles, California 90066

Director of Purchases
Ball Corporation
1856 Nedersonville Road
Asheville, North Carolina

Director of Purchases
Babcock & Wilcox Company
Tubular Products Division
P.O. Box 401
Beaver Falls, Pennsylvania

Director of Purchases
Ballman Engineering
601 International Avenue
Washington, Missouri 63090

MCL001561
HARTOLDMON0002538

Director of Purchases
Ashland Oil and Refining Company
1401 Winchester Street
Ashland, Kentucky

Director of Purchases
Atlanta Gas Light Company
P. O. Box 4569
Riverdale, Georgia 30302

Director of Purchases
Associated Milk Producers, Inc.
P. O. Box 920
Rochester, Minnesota 55901

Director of Purchases
Atlantic Richfield
P. O. Box 2819
Dallas, Texas 75221

Director of Purchases
Athens Foundry Corporation
101 North Main Street
Athens, Pennsylvania 18810

Director of Purchases
Atlantic Richfield
875 North Michigan Avenue
Chicago, Illinois 60611

Director of Purchases
Athens Oil Company
P. O. Box 178
Athens, Tennessee 37301

Director of Purchases
Atlantic Richfield
P. O. Box 250
Richland, Washington 99352

Director of Purchases
Atlantic Die Casting Company
2585 Beaufait Avenue
Detroit 7, Michigan

Director of Purchases
Atlantic Richfield
P. O. Box 958
Gillette, Wyoming 82716

Director of Purchases
Anixter General Die Caster
6212 Akron Peninsula Road
Peninsula, Ohio 44264

Director of Purchases
Aro Incorporated
Invoice Division
Arnold AFB Station, Tennessee

Director of Purchases
Ansen Automotive
13715 South Western Avenue
Gardena, California 90249

Director of Purchases
Arrow Acme Corporation
411 Prospect
Webster City, Iowa

Director of Purchases
Arcturus Manufacturing Corporation
6001 Arcturus Avenue
Oxnard, California 93030

Director of Purchases
Arrow Aluminum Casting Company
3135 Berea Road
Cleveland 11, Ohio

Director of Purchases
Argonne Laboratory
9700 South Cass
Argonne, Illinois

Director of Purchases
Arrow Diecasting Company
4031 Goodwin Avenue
Los Angeles, California

Director of Purchases
Arnold Air Drilling
P. O. Box 727
Fort Smith, Arkansas 72901

Director of Purchases
Arrowhead Brass Products
5142 Alhambra Avenue
Los Angeles 32, California

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Director of Purchases
Amerock Corporation
4000 Auburn Street
Rockford, Illinois

Director of Purchases
Anadite Incorporated
Martin Machine
2027 Santa Fe
Los Angeles, California

Director of Purchases
Ameron Steel Producing Division
12459 Arrow Highway
Etiwanda, California 91739

Director of Purchases
Anchor Conveyor Division
Standard Alliance Ind., Inc.
6906 Kingsley Avenue
Dearborn, Michigan 48126

Director of Purchases
Ametek Strazza
790 Greenfield Avenue
El Cajon, California 92021

Director of Purchases
Anchor Coupling Company, Inc.
342 North Fourth Street
Libertyville, Illinois 60048

Director of Purchases
Amsted Industries
Amsted Steel Foundries
1700 Walnut Street
Granite City, Illinois 62040

Director of Purchases
Anheuser Busch
The A&E Eagle
c/o Allied Marine Corporation
2051 Northwest 11th Street
Miami, Florida

Director of Purchases
Anaconda Company
25 Broadway
New York, New York 10004

Director of Purchases
Anheuser Busch, Incorporated
721 Pestolozzi Street
St. Louis, Missouri

Director of Purchases
American Can Company
Route 31
Washington, New Jersey 07882

Director of Purchases
American Gilsonite
P. O. Box 900
Grand Junction, Colorado

Director of Purchases
American Chain and Cable
Louben Division
1729 Sadelwood Boulevard
Akron, Ohio

Director of Purchases
American Manufacturing Company
601 West McKee Street
Greenburgh, Indiana 47240

Director of Purchases
American Chemical
P. O. Box 9247
Long Beach, California 90810

Director of Purchases
American Motors
14250 Plymouth Road
Detroit, Michigan

Director of Purchases
American Compressor Company
11850 East Florence Avenue
Santa Fe Springs, California 90670

Director of Purchases
American Smelting & Refining
P. O. Box 3612
San Francisco, California 94119

Director of Purchases
American Cyanamid Company
P. O. Box 368
Savannah, Georgia

Director of Purchases
American Smelting &
Refining Company
Clover, Missouri

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Director of Purchases
Alpha Industries, Incorporated
615 Center Avenue
Logansport, Indiana 46947

Director of Purchases
Ambrit Industries
1288 Los Angeles Street
Glendale, California

Director of Purchases
Alton Box Board
P. O. Box 1276
Alton, Illinois 62002

Director of Purchases
American Aluminum Incorporated
219 Fifth Street
West Des Moines, Iowa 50265

Director of Purchases
Alton Box Board
Alton Mill,
Cut Street
Alton, Illinois 62002

Director of Purchases
American Aluminum, Incorporated
North Des Moines Street
Webster City, Iowa

Director of Purchases
Aluminum Die Casting Company
3462 San Fernando Road
Los Angeles, California 90065

Director of Purchases
American Bosch Division
Ambac Industries, Inc.
3664 Main Street
Springfield, Massachusetts 01107

Director of Purchases
Aluminum Forge
Altamil Corporation
502 East Alton Street
Santa Ana, California 92707

Director of Purchases
American Can Company
P. O. Box 3748
Modesto, California 95353

Director of Purchases
Allegheny Ludlum Steel Corporation
Box 5
Brackenridge, Pennsylvania

Director of Purchases

Allied Marine Corporation
2051 North West 11th Street
Miami, Florida 33125

Director of Purchases
Allegheny Ludlum Steel
General Purchasing Division
Oliver Building
Pittsburgh, Pennsylvania 15222

Director of Purchases
Louis Allis Company
21 East Stuart Street
Milwaukee 7, Wisconsin

Director of Purchases
Allied Chemical
Fibers Division
Box 31
Petersburg, Virginia 23803

Director of Purchases
Allis Chalmers
1126 South 70th Street
Milwaukee 1, Wisconsin

Allied Chemical
Director of Purchases
Specialty Chemicals Division
P.O. Box # E
Moundsville, W. Virginia 26014

Director of Purchases
Allis Chalmers Manufacturing Co.
Norwood Works
4620 Forest Avenue
Cincinnati, Ohio 45212

Director of Purchases
Allied Chemical Corporation
North Plant
State Route 2
Moundsville, West Virginia 26014

Director of Purchases
Alloy Die Casting
6550 Cabellero Boulevard
Buena Park, California

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HARTOLDMON0002544

Director of Purchases
Air Products & Chem
17801 Arenth Avenue
City of Industry, California

Director of Purchases
Ajax Forging & Casting Company
205 Adair Street
Detroit, Michigan 48207

Director of Purchases
Airco Industrial Gases
1965 East 28th Street
Lorain, Ohio 44055

Director of Purchases
Ajax Hardware Manufacturing Corp.
825 Ajax Avenue
City of Industry, California 91747

Director of Purchases
Airco Vacuum Metals
735 Ashby Avenue
Berkeley, California 94710

Director of Purchases
Ajax Magnethermic Corporation
P.O. Box 991
1745 Overland Avenue N.E.
Warren, Ohio 44482

Director of Purchases
Air Reduction Company, Inc.
Central Research Lab
Murray Hill, New Jersey 07971

Director of Purchases
Alabama Oxygen
P.O. Box 308
Bessemer, Alabama 35020

Director of Purchases
Airoyal
43 Newark Way
Maplewood, New Jersey 07040

Alco Machinery and Supply
Director of Purchases
5 Beehman Street
New York, New York 10038

Director of Purchases
Acro Welder Manufacturing Company
2900 West Green Tree Road
Milwaukee, Wisconsin

Director of Purchases
Aero Titanium Products
6510 Federal Boulevard
Lemon Grove, California 02045

Director of Purchases
Action Manufacturing Company
4567 Bermuda Street
Philadelphia, Pennsylvania 19124

Director of Purchases
Aerojet Liquid Rocket Company
P. O. Box 13222
Sacramento, California 94813

Director of Purchases
Adams Carbide
24141 Ann Arbor Trail
Dearborn Heights, Michigan

Director of Purchases
Aetna Standard Engineering Company
Park Avenue & Second Street
Ellwood City, Pennsylvania 16117

Director of Purchases
Adams Carbide
3100 Industrial Road
Livonia, Michigan 48150

Director of Purchases
Agri Craft Company Incorporated
353 Dawson Drive
Camarillo, California 93010

Director of Purchases
Advance Pressure Casting Corporation
276 Highway 53
Denville, New Jersey 07834

Director of Purchases
Air Equip-Drill
P. O. Box 1664
Bakersfield, California 93302

Director of Purchases
AAA Products, Incorporated
P.O. Box 35482
Dallas, Texas 75335

Director of Purchases
Academy Die Casting
47 Langstaff Avenue
Edison, New Jersey 08817

Director of Purchases
A&A Die Casting Company
12901 South Western Avenue
Gardena, California 90249

Director of Purchases
Acheson Colloids
Division of Acheson Industries, Inc.
Port Huron, Michigan

Director of Purchases
Abex Corporation
Railroad Products Group
626 Armstrong Avenue
St. Paul, Minnesota 55102

Director of Purchases
Acme Machine Works
North 421 Sycamore Street
Spokane, Washington 99202

Director of Purchases
Abex Corporation
P.O. Box 458
Meadville, Pennsylvania 16335

Director of Purchases
Acme Printing Ink Company
2909 Chrysler Road
Kansas City, Kansas 66115

Director of Purchases
Abex Corporation
Dennison Division
1160 Dublin Road
Columbus, Ohio 43216

Director of Purchases
Acrometal Products Incorporated
616 Fifth Street North
Minneapolis, Minnesota 55401

TAB 124.3

Monsanto

FROM (NAME & LOCATION): P. W. Gann - B2SF

DATE: May 9, 1973 cc

SUBJECT: PCB Warning Letters, January 31, 1972
Bergen Letter

REFERENCE:

TO : Memo to File

According to Linda Brown, April 26, 1973, mail list was developed Barbara Treadway who worked for Linda at the time. Linda took the February 9, 1970 mailing list and the current No. 2 IBM run. Addresses were checked off and Barbara went to COP and Accounts Receivable to get the rest of the addresses.

Note that a few late mailings were made, referring to Davidson's February 7, 1972 and Kriss February 22, 1972 memorada attached.

P. W. Gann

/mo

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EXHIBIT
WBP M-124.3

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TAB 125

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

February 4, 1972

Dear Sir:

We are writing to advise you that Monsanto has adopted certain policies with respect to its further sale and delivery of all polychlorinated biphenyl (PCB) products used as dielectric fluids including but not limited to those sold under tradenames such as Aroclor®, Inerteen®, and Pyranol®, and under the generic term askarel.

Effective immediately Monsanto will sell and deliver these products only to manufacturers of electrical equipment or components who utilize the products as dielectric fluids and who have entered into agreement to indemnify and hold harmless Monsanto in the use of these products. The two copies of such an agreement are attached. The acceptance by Monsanto of such an agreement is subject to receipt of financial and other information from you (such as evidence of adequate insurance protection) which, in Monsanto's opinion, makes the agreement meaningful.

As you are undoubtedly aware, studies indicate PCBs may be accumulating in the environment. In some instances, PCBs have been found in food or in the food chain. For your information, attached is an article by Carl G. Gustafson of the Federal Water Quality Administration appearing in "Environmental Science & Technology" which deals with this subject. Because of Monsanto's concern over this problem, we have discontinued sales of PCBs except for use as dielectric fluids in electrical equipment and components.

If you desire to continue purchase of these products from Monsanto, please have the attached copies of agreement signed by an authorized officer on behalf of your company and forward a fully signed copy, together with your most recent audited financial statement and any other information which you feel will assist Monsanto in its evaluation.

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EXHIBIT
WBP M-125

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If you have any questions please telephone (314) 694-2455 or write directly to Mr. H.S. Bergen, Monsanto Company, P.O. Box 14617, St. Louis, Missouri 63178.

We sincerely regret any hardships that this decision may cause you but it is taken in an effort to continue to make available these products for these important electrical applications.

Very truly yours,

Howard Bergen

Howard Bergen, Director
Specialty Products Group
Monsanto Industrial Chemicals Co.

/bi

Enclosures

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Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

SPECIAL UNDERTAKING BY PURCHASERS OF POLYCHLORINATED BIPHENYLS

Monsanto Company ("Monsanto") manufactures certain polychlorinated biphenyl products ("PCB's") which _____ _____ ("Buyer") desires to purchase. While Buyer desires to purchase PCB's because of certain desirable flame resistant and insulator properties, Buyer acknowledges that it is aware and has been advised by Monsanto that PCB's tend to persist in the environment; that care is required in their handling, possession, use and disposition; that tolerance limits have been or are being established for PCB's in various food products.

Monsanto has therefore adopted certain restrictive policies with respect to its further production, sale and delivery of PCB's, including the receipt of undertakings from its customers as set forth below, and Buyer is willing to agree to such undertakings with respect to sales and/or deliveries of PCB's by Monsanto to Buyer.

Accordingly, Buyer hereby covenants and agrees that, with respect to any and all PCB's sold or delivered by or on behalf of Monsanto to Buyer on or after the date hereof and in consideration of any such sale or delivery, Buyer shall defend, indemnify and hold harmless Monsanto, its present, past and future directors, officers, employes and agents, from and against any and all liabilities, claims, damages, penalties, actions, suits, losses, costs and expenses arising out of or in connection with the receipt, purchase, possession, handling, use, sale or disposition of such PCB's by, through or under Buyer, whether alone or in combination with other substances, including, without implied limitation, any contamination of or adverse effect on humans, marine and wildlife, food, animal feed or the environment by reason of such PCB's.

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All existing contracts for the sale of PCB's by Monsanto to Buyer are hereby amended to contain the provisions set forth above.

Nothing herein shall create or imply any duty or obligation of Monsanto to sell or deliver any PCB's to Buyer. No conditions, understandings or agreements purporting to modify or vary the terms hereof shall be binding unless hereafter made in writing specifically referring to this agreement and signed by the party to be bound and no modification or variance of the above undertaking shall be effected by the acknowledgment or acceptance of any sale document, purchase order, shipping instruction or other forms containing terms or conditions at variance herewith.

_____	MONSANTO COMPANY
(Buyer)	
BY: _____	BY: _____
TITLE: _____	
DATE: _____	

feature

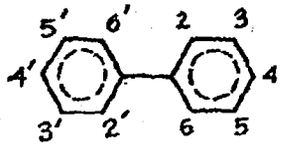
PCB's—prevalent and persistent

Intensified research is needed to minimize their dangers

Carl G. Gustafson, *Federal Water Quality Administration, Athens, Ga.*

During the past three years, a special class of compounds, called polychlorinated biphenyls (PCB's), has claimed the attention of ecologists and pesticide analysts in this country. These compounds were not discovered in the environment until 1966 in Sweden and 1967 in the U.S., despite the fact that they have been available commercially for 40 years. Interest in PCB's has arisen because they are frequently found in fish, bird, water, sediment, and other environmental samples when such samples are examined for chlorinated pesticide residues. That a wide variety of samples containing PCB's has been collected from England, Scandinavia, The Netherlands, Antarctica, Central America, and many different parts of the U.S. makes them truly ubiquitous pollutants.

Polychlorobiphenyls are made by substituting chlorine atoms for one or more of the hydrogen atoms at the numbered positions of the biphenyl structure.



In the process of replacing hydrogen atoms with chlorine atoms, a large number of substitution combinations arise. For example, three monochlorobiphenyl isomers are possible, 12 dichlorobiphenyl isomers, 21 trichlorobiphenyl isomers, and so on. Theoretically, 210 compounds can be prepared by this substitution process; a typical example would be 2,4,6,2',4'-pentachlorobiphenyl.

Whenever aromatic hydrocarbons such as biphenyls are chlorinated, the product is a mixture of compounds, including isomers. It is quite difficult to synthesize single, specific chlorobiphenyl compounds in the laboratory unless involved procedures are employed. Consequently few of the individual compounds have been prepared in the pure form for study.

In the commercial process for PCB manufacture, biphenyl is chlorinated with anhydrous chlorine in tall cylindrical towers with either iron filings or ferric chloride as the catalyst. The by-product is hydrogen chloride; the product is a mixture of several PCB's. The degree of chlorination is determined by measuring the specific gravity of the mixture or, when the product is more viscous, the ball-and-ring softening-point test is used. The whole process takes from 12 to 36 hours.

In the U.S., the sole manufacturer of PCB's is the Monsanto Co., which markets them under the trade name Aroclor. PCB's are also manufactured in Europe and Japan, under trade names such as Phenochlor and Clophen. The various Aroclors are differentiated by a four-digit number, with the last two digits indicating the percentage of chlorine in the mixture.

Properties

The three most important physical properties of the PCB's are low vapor pressures (they have high boiling points), low water solubility, and high dielectric constants. They are miscible with most organic solvents and compatible with many types of polymers. Although some individual polychlorobiphenyl compounds are crystalline, the Aroclor mixtures are either liquids or resins.

The chemical properties that make PCB's desirable industrial materials are their excellent thermal stability, their strong resistance to both acidic and basic hydrolysis, and their general inertness. They are quite resistant to oxidation. Monsanto reports, in a technical bulletin on PCB's, that they can be heated to 140° C. under 260 p.s.i. of oxygen pressure "without showing any evidence of oxidation as judged by development of acidity or formation of sludge."

The physiological properties of the PCB's make them potentially significant contaminants of the environment. For any pollutant, two factors are involved: acute toxicity, which is immediately evident because of a high death rate or other maiming effect; and chronic toxicity, which is the result of a slow accumulation of the poison in the body and is a sublethal effect. Whenever acute toxicity is high, a pollutant will be readily recognized and appropriate remedial actions will be introduced. If, on the other hand, acute toxicity is low,

The Monsanto Co. stated recently in a letter to Congressman William F. Ryan of New York that as of August 30, it would no longer sell PCB's to customers for use in general plasticizer operations where disposal of the end-products cannot be controlled. After some lag period—the time it takes to eventually dispose of the products made from PCB's and currently in processor's inventories—the quantity of PCB's getting into the environment may be substantially reduced. If Monsanto's former customers look for PCB substitutes, rather than purchasing PCB's from manufacturers in Japan and Europe, the projected decrease could become a reality.

Carl G. Gustafson

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the physiological effects will go unnoticed until the chronic effects make themselves evident. When this happens, the problem may have advanced beyond immediate or easy correction.

Acute toxicity

All studies of PCB's in animals indicate that acute toxicity is not a significant factor. Their acute toxicities are on the order of those of other chlorinated aromatic compounds. Monsanto has sponsored two investigations of the acute toxicities of Aroclor mixtures. In the first, at the Kettering Laboratory at the University of Cincinnati, Dr. J. F. Treon and his coworkers investigated the toxicity of Aroclor vapors for guinea pigs, mice, rabbits, and rats. All animals survived a 24-day exposure to 0.83 p.p.m. of Aroclor 1242 for 7 hours per day on 17 of those days. Even after more prolonged tests, there were no severe effects from Aroclor 1242. In the second investigation, still in process, three groups of beagles are fed Aroclor 1242, 1254, and 1260, respectively, at a rate of 100 p.p.m. in their diets. After three months no significant abnormalities have been noted.

Similar studies on fish have been performed in several laboratories. Dr. Richard Schoettger of the Sport Fisheries and Wildlife Fish-Pesticide Research Laboratory in Columbia, Mo., reports that 96 hour-TL_{50} toxicities of the Aroclors to trout range from 1.17 to 60 p.p.m. Compared to DDT, whose 96 hour-TL_{50} toxicity is 0.002 to 0.009 p.p.m. for trout, the PCB's have a relatively low acute toxicity. With the more sensitive bluegill, the 96 hour-TL_{50} for Aroclor 1248 is 0.278 p.p.m., while that of DDT is 0.008 p.p.m. Aroclor toxicities appear to be inversely proportional to the chlorine content of the mixture.

Shellfish, oysters, and shrimp are more sensitive to PCB's. Dr. Tom Duke, at the Bureau of Commercial Fisheries Pesticide Field Station, reports 100% mortality of juvenile pink shrimp exposed to 0.10 p.p.m. of Aroclor 1254 in water for 48 hours. This concentration of Aroclor 1254 will cause a 100% decrease in shell growth of oysters after 96 hours. To achieve the same effects with DDT in these experiments, only 0.0006 p.p.m. and 0.01 p.p.m., respectively, were required.

There is very little evidence that PCB's are toxic to insects. Studies to date show that they are less toxic than dieldrin or DDT. As with fish, their toxicity appears to be inversely proportional to the chlorine content of the mixture.

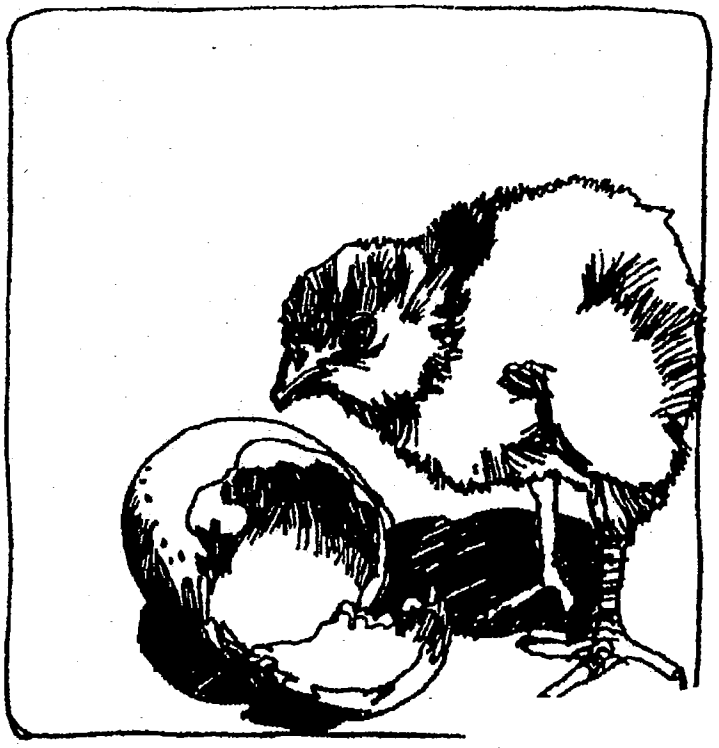
Based on the above data, it is understandable why the polychlorobiphenyls, commercially available for 40 years, have only recently attracted attention as toxic environmental contaminants.

Chronic toxicity

The chronic toxicities of PCB's present a more disturbing situation; several chronic effects have been observed. It was discovered, quite by accident, that PCB's have a toxic effect on chickens. Professor E. L. McCune and his coworkers at the University of Missouri found their chickens dying after they were placed in a feeding house, parts of which had been freshly painted with an epoxy paint. Careful investigation revealed that the toxic factor was Aroclor 1242, a binder in the paint. When Aroclor 1242 was fed to the chicks it produced the same characteristic effects as chick edema factor. McCune reported: "Gross pathology included hydropericardium, hydroperitonium, enlarged heart, liver, and kidneys, and hemorrhage of internal organs. Microscopically the kidneys showed marked tubular dilation and numerous casts."

Another chronic effect of PCB's is related in wildfowl. The accumulation of high concentrations of chlorinated hydrocarbons in birds resulted in disruption of normal breeding behavior and in the formation of thin-shelled eggs. A dramatic example of this effect has been observed in the case of the brown pelican. On the Anacapa Islands off the California coast, no young were hatched last year from 300 pairs of nesting birds. The shells of most eggs laid were so thin that a dent occurred when the egg was picked up.

There are two possible causes for the laying of thin-shelled eggs by wildfowl. One is a low calcium reserve in the bird; the other is the inability of the bird to deliver the needed calcium to its oviduct, where the eggshell is forming. The calcium level in the avian biosystem and the calcium reserve in the secondary bone structure or medullary bone, found only in female birds when they are breeding, are controlled by the hormone estrogen. A high estrogen level is associated with the formation of this calcium reserve. Chlorinated hydrocarbons, such as DDT,



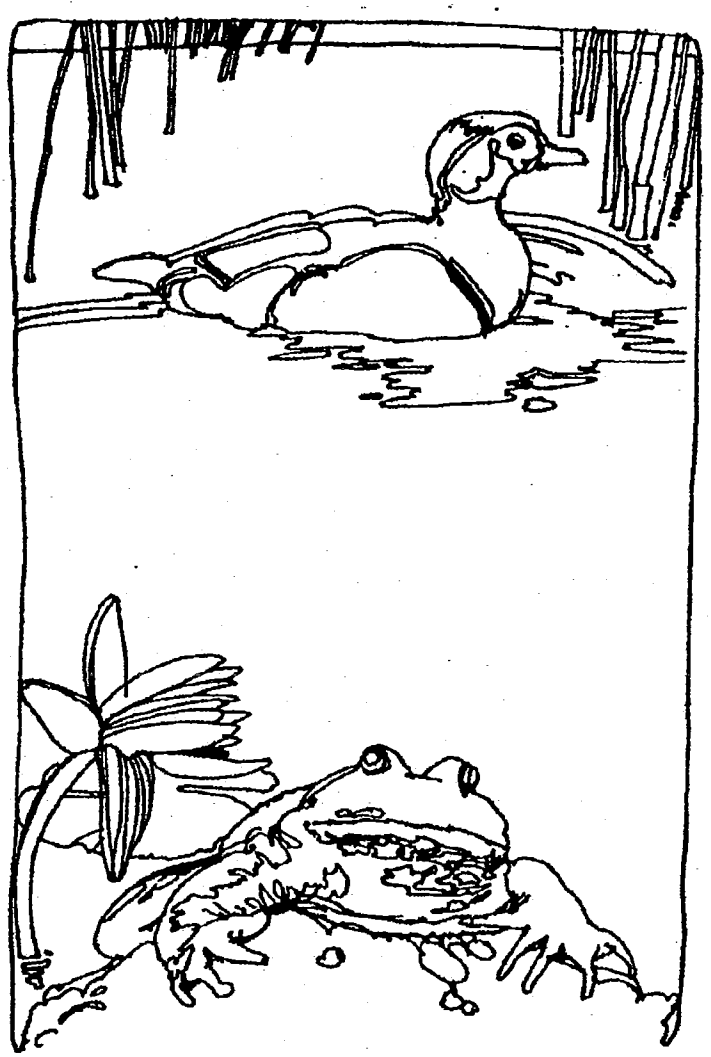
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chlordane, dieldrin, and PCB's, activate enzymes in the liver which transform estrogen into a more water-soluble compound that is readily eliminated from the bird's body. This means that when estrogen levels are low, calcium reserves will also be low, and therefore very little calcium will be available for strong eggshell production. Dieldrin and PCB's are more effective than DDT in this type of enzyme-induction activity. Aroclor 1262 has an estradiol degrading potential four to five times that of *p,p'*-DDE or technical grade DDT.

The ability of the female bird to deliver calcium to her oviduct during the last 20 hours, when the eggshell is being formed, is related to the functioning of the enzyme carbonic anhydrase. When birds that have exhibited the ability to lay normal eggs are injected with a metabolite of DDT (DDE) just prior to the formation of the eggshell, they will lay thin-shelled eggs. This indicates that DDT also inhibits the activity of carbonic anhydrase, the enzyme that controls the flow of calcium from the blood stream of the bird into its oviduct.

Since dieldrin seems to have no effect on carbonic anhydrase, we may assume that neither do the PCB's. However, these compounds delay breeding time significantly. Many ornithologists feel that late breeding has a stronger influence on the reduction of bird populations than does the laying of thin-shelled eggs. If this is true, PCB's are a more potent threat than DDT to our declining bird populations, especially for predatory birds that accumulate fairly high levels of PCB's because they eat smaller animals that already have concentrated PCB's in their own tissues.

Other investigators have produced evidence to show that PCB's are similar to DDT in their activity. Dr. Joseph Street at Utah State University has shown that when PCB's accumulate in the liver, they induce microsomal enzyme activity by bringing about more rapid metabolism of drugs, insecticides, and other foreign compounds. He fed rats a diet containing 50 p.p.m. of Aroclor 1254 or Aroclor 1260. After 10 days on this diet, the test animals were administered hexobarbitol at a dose of 100 p.p.m. to induce sleep. In comparison with a control group, the sleeping time for these rats was reduced by 65 to 80%. Street also found that Aroclor, when fed at the same level, will reduce dieldrin storage in adipose tissue by 90 to 95%; increase aniline oxidation by 200 to 300%; and increase EPN detoxication by 430 to 470%. In addition, the PCB's cause activation of organothiophosphate compounds, which adversely affect the system. This latter effect counterbalances the detoxification of dieldrin.



Normally, when a substrate activates an enzyme, it is converted to a water-soluble form that will be eliminated from the system; however, this is not the case with PCB's. Because they remain in the system for prolonged periods of time, their enzyme induction activity is always present. In this way the normal concentration of important body chemicals may be lowered to the point of bringing about malfunctions in the system. For example, Street believes that the PCB's bring about steroid degradation, which can lead to altered endocrine relationships.

The chronic toxicity to man is as follows:

> Like the chlorinated naphthalenes, the chlorinated diphenyls have two distinct actions on the body, namely, a skin effect and a toxic action on the liver. The lesion produced in the liver is an acute yellow atrophy. This hepato-toxic action of the chlorinated diphenyls appears to be increased if there is exposure to carbon tetrachloride at the same time. The higher the chlorine content of the diphenyl compound, the more toxic it is liable to be. Oxides of chlorinated diphenyls are more

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toxic than the unoxidized materials.

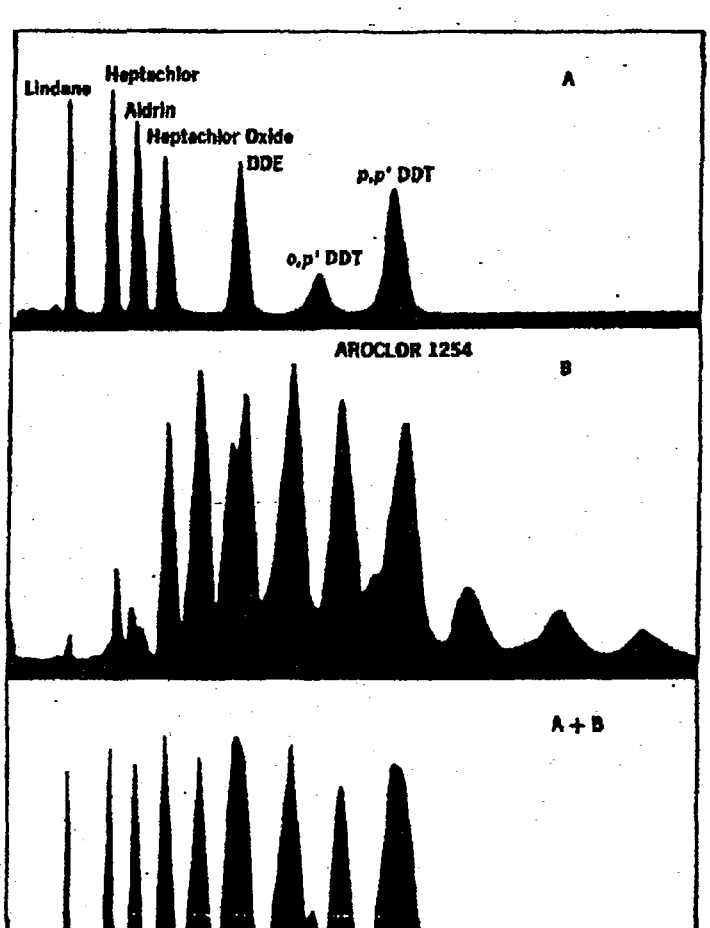
The skin lesion is known as chloracne, and consists of small pimples and dark pigmentation of the exposed areas, initially. Later, comedones and pustules develop. In persons who have suffered systemic intoxication, the usual signs and symptoms are nausea, vomiting, loss of weight, jaundice, edema, and abdominal pain. Where the liver damage has been severe, the patient may pass into coma and die.

Sax, N. Irving, "Dangerous Properties of Industrial Materials," 3rd ed., Van Nostrand-Reinhold, New York, 1968.

The ubiquity of PCB's is related to the wide spectrum of applications that have been found for them. The largest single use of PCB's is related to their electrical properties—as coolant-insulation fluids in transformers. For this purpose the Aroclors are also sold under such trade names as Chlorextol (Allis-Chalmers Mfg. Co.), Dykanol (Federal Pacific Electric Co.), Inerteen (Westinghouse Electric Co.), Noflamol (Wagner Electric Co.), Pyranol (General Electric Co.), and Therminol (Monsanto Co.).

Other uses of PCB's include formulation into ballasts for fluorescent fixtures; impregnation of cotton and asbestos for braided insulation of electrical wiring; a plasticizer in wire and cable coatings; capacitors and askarel-type transformers; and plasticizers of vinyl chloride polymer films. Because of their thermal stability and fire resistance, the PCB's also find application in high-pressure hydraulic fluids, specialized lubricants and gasket sealers, heat transfer agents, and machine tool cutting oils. Miscellaneous uses include: formulation into some epoxy paints; protective coatings for wood, metal, and concrete; adhesives; and in carbonless reproducing paper. One of the primary manufacturers of carbonless reproducing paper also sells Aroclors in an encapsulated form.

Generally the kinds of applications described above mean that the PCB's will be in many types of products that eventually find their way to the domestic market. When used in manufacture of ballasts for fluorescent fixtures they will be found in kitchens, bathrooms, stores; and offices throughout the country. Wherever office forms are used that do not use carbon paper, one may find PCB's formulated into the microcapsules of dye that comprise the reproducing layer of the business form. PCB's have also been found on the transparent receipts used in credit card charge forms. As plasticizers they can be expected to appear in many consumer plastics.



Gas chromatogram A is of a standard pesticide mixture, B is typical of Aroclor 1254, and A + B is the chromatogram of a 50 : 50 mixture of both. The concentration of Aroclor 1254 is approximately 10 times those of the pesticides in A, hence it is understandable why PCB's were not readily recognized in pesticide chromatograms. Gas chromatograph (Packard 7620) conditions: gas flow 80 ml./min. nitrogen; temperatures—oven, 210° C., inlet, 230° C., detector, 218° C.; Ni^{63} electron capture detector; 5' × ¼" glass column packed with 8%; SE-30 on Chromosorb Q 80–90 mesh.

Since the chronic toxicities are so significant, it becomes important to know just how extensively the PCB's are distributed in the ecosystem, and just how they find their way into the environment. Rainwater in England, brown seals off the coast of Scotland, white-tailed eagles in Sweden, cod in the Baltic Sea, mussels in The Netherlands, adelie penguin eggs in the Antarctica, brown pelican eggs in Panama, Arctic terns, shrimp in Florida, river water in Japan, waters in the Great Lakes, human hair, and human adipose tissue—samples of all these have been found to contain PCB's.

MCL001579
HARTOLDMON0002558

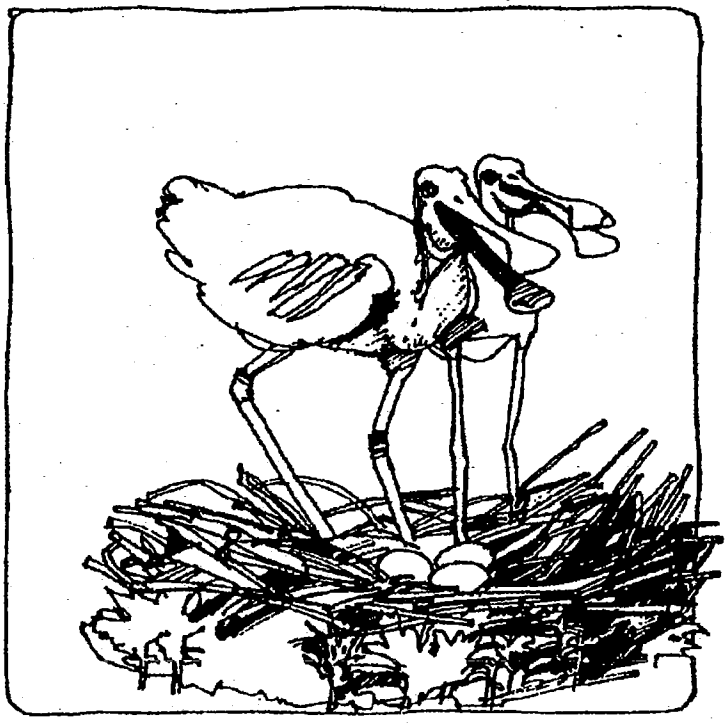
thus making them a class of widely dispersed pollutants.

Readily absorbed

The properties of PCB's that make them industrially useful are the same properties that cause them to persist in the environment. These include thermal stability, resistance to oxidation and hydrolysis, solubility in a wide range of organic solvents, water insolubility, high dielectric constant, and compatibility with many types of macromolecules. Their resistance to oxidation and hydrolysis also makes PCB's more stable and persistent than DDT. Consequently, they could eventually accumulate to a higher concentration than DDT, especially if the use of DDT is sharply curtailed in the U.S.

The solubility of PCB's in nonpolar solvents explains why they are readily absorbed into fatty tissue and into the liver. Their resistance to oxidation or other types of chemical degradation explains their persistence in the environment and accumulation in animal tissue. The latter effect is enhanced both by their insolubility in water and solubility in organic solvents. Their chemical inertness and resistance to metabolism account for their low acute toxicity. But as they slowly build up in a living system their concentration approaches toxicity levels, at which point chronic effects make themselves evident.

It has been established that fish-eating birds will accumulate large concentrations of PCB's, as in the case of the white-tailed eagle, which has been found to have as much as 14,000 p.p.m. of PCB's. Peregrine falcons, taken off the coast of California, were found to have as much as 2000 p.p.m. in their lipid tissue. When shrimp were exposed to 10 p.p.b. of Aroclor 1254 for 48 hours, they accumulated 1300 p.p.b. of PCB's, which represents a 130-fold concentration in a very short time. Oysters, exposed to an identical concentration of Aroclor 1254 for 96 hours and then placed in PCB-free water for four days, still had a concentration of 33,000 p.p.b. of PCB's, which constitutes a 3300-fold concentration. This means that even though the concentrations of PCB's are in the parts-per-billion range in the environment, their high lipid solubility causes them to collect in fatty tissues of lower animals and marine life. Therefore, species at the top of a food chain will also accumulate PCB's in their bodies, particularly in their lipid tissue and liver, in much the same way as they accumulate DDT and other chlorinated pesticides.



Because of the low solubility of PCB's in water, when a solution or dispersion of them is discharged into a river or lake, they will accumulate on the sediment in relatively high concentrations. Subsequently, they will redissolve very slowly in the water as conditions change. Therefore, it will usually take a long time to flush out a contaminated area.

Accidental occurrence

The reason that PCB's have not been found in the ecosystem as extensively as DDT, and are not present in environmental samples at as high a concentration as DDT, is that PCB's find their way into the environment accidentally. DDT is deliberately spread because this is the only way its insecticidal properties can be utilized. PCB's are not intended to get into the environment, but they do because their unique chemical properties prevent them from being destroyed by our usual waste disposal methods. Thus, they inadvertently escape and become widely dispersed.

In Sweden, where the use of DDT has been banned, and where the main power source is hydroelectric, investigators find that the concentration of PCB's in the environment is as high as that of DDT.

There are several ways by which PCB's get into the ecosystem. One of these is by incineration. Products containing PCB's, such as carbonless reproducing paper in business forms, plastics (especially polymer film and sheeting that contain PCB's as plasticizers), spent ballasts from fluorescent light fixtures, and objects coated with PCB-formulated coatings, all find their way to the city dump or incinerator for burning. The PCB's do not burn but are vaporized. They are then carried into the atmosphere, where they collect on particulate matter and are subsequently returned to the surface of the earth, into the rivers, lakes, and oceans. In this way they become widely distributed throughout the global environment. Another source is probably land run-off from industrial wastes and dumps. A third source is the point of manufacture and the plants where PCB's are processed into other products. They can escape through the plant ventilation and exhaust systems into the atmosphere and through its waste treatment system into sewers or directly into waterways.

MCL001580
HARTOLDMON0002559

It is interesting to note that the incidence of PCB's in environmental samples is highest in industrialized and urbanized areas. Birds whose primary habitat is the San Francisco Bay area have a larger concentration of PCB's per unit of body weight than those located in Baja, Calif., which is completely rural. Aquatic life in the Archipelago of Stockholm, the most industrialized area of Sweden, were found to have a higher concentration of PCB's than fish samples taken from the western coast of Sweden, a less developed area. Sediment samples taken from southern portions of Lake Michigan have a higher concentration of PCB's than those from other parts of the lake.

Monsanto states that until a recent change in marketing policy (see inset, page 814), sales of Aroclors were increasing at the rate of 8% per year. While this increase does not seem significant, it may be important if the increased consumption was in consumer products and thus would find their way into our normal solid waste disposal systems. Such an occurrence would mean a definite increase of PCB residues in the environment, and therefore a marked increase in their chronic toxicity effects.

Detection

PCB's were not discovered in environmental samples until very recently for several reasons. First, as indicated above, they have not been deliberately distributed about the ecosystem. Secondly, because of their relatively low acute toxicities, their presence was not immediately evident. Finally, they are difficult to detect analytically.

The PCB's were first detected as interfering peaks in the gas chromatographic analysis (GC) of environmental samples being analyzed for chlorinated pesticide residues. When PCB's are present in a sample they give a pattern of several GC peaks, whose retention times are similar to those of dieldrin, DDT, DDE, aldrin, and heptachlor oxide. Because the peaks were not large or sharp, investigators tended to ignore them until S. Jensen, in Sweden, and R. Risebrough, at the University of California at Berkeley, identified them as corresponding to common constituents of environmental samples being analyzed for persistent pesticides.

The problem of the interferences of PCB's with the analysis of other chlorinated pesticides has been largely overcome by prior treatment of the sample. Several investigators have used column chromatography to separate PCB's from chlorinated pesticides. At a recent meeting, sponsored by the FWQA's National Water Quality Laboratory, Duluth, Minn., a general procedure was recommended for separation of PCB's from pesticides. In this procedure for biosamples, the sample is extracted with hexane as in regular pesticide analysis. It is then partitioned with acetonitrile to remove fats, the cleaned-up extract is passed through a Fluorisil column and then through a silicic acid column. Finally, the sample is analyzed by gas chromatography, with a chloride-specific detector. In this way the pesticides are retained on the silicic acid column for later elution and identification.

Research needs

To assess fully the significance of PCB's as environmental pollutants, additional research is needed. No one really knows the extent of the chronic effects of these chlorinated hydrocarbons. Some problems that need to be considered are:

- Although PCB's are known to accumulate in human organs we do not know at what concentration they will begin to exhibit toxic effects. Will these chronic effects be similar to those shown in animals—microsomal enzyme activity, calcium metabolism inhibition, and so on? What are other possible chronic effects?
- Which of the many PCB compounds in the commercially available mixtures are responsible for their toxicity? Can commercial PCB mixtures be modified to eliminate the toxic components? Pure samples are required to answer these questions. At the present time work is continuing at the FWQA's Southeast Water Laboratory to separate each of the Aroclor mixtures into its many components, and to identify each component.
- We need to know all the uses for the PCB's. What is the annual production of PCB's? Our knowledge of these facts is limited and needs to be expanded. These facts should be known if we are to accurately determine how they get into the environment, and take steps to prevent further environmental contamination by them.
- In view of the complexity of the isolation and accurate quantitative analysis of PCB's in chlorinated residues, a straightforward, unambiguous measurement of them needs to be developed.
- What is the fate of PCB's in natural waters? More needs to be known of their partition coefficients between bottom sediments and water. This is vital if we are to estimate how long it will take for a river bed to clean itself of contamination. It will also be useful when assessing the effects of PCB's on marine life that feed on the bottoms of lakes, rivers, and estuaries. We should also learn more about PCB solubility in water of various ionic strengths.
- Are present waste treatment systems adequate to handle PCB's? Do special measures need to be taken when PCB's are part of the waste effluent being treated?

By trying to get some of these answers now, we may find that we are in a position to control the escape of PCB's into the environment before additional damage is done. So frequently, action is taken only after it is evident that massive damage has resulted from a particular pollutant. In the case of the PCB's we may have an opportunity to resolve the situation before that happens.

Additional Reading

Hubbard, H. L., "Chlorinated Biphenyl and Related Compounds," Encyclopedia of Chemical Technology, 2nd ed., 5, Interscience Publ., New York, N.Y., 1964, pp. 289–298.

Reynolds, L. M., *Bull. Environ. Contam. Toxicol.* 4, 128 (1969).

Risebrough, R. N., *et. al., Nature* 220 (1968).



Carl G. Gustafson, *chairman of the Department of Chemistry of King's College, Briarcliff Manor, N.Y., received a Ph.D. in organic chemistry from the University of Delaware in 1957. During the 1969–70 academic year, he was on leave at the FWQA Southeast Water Laboratory in Athens, Ga., where he studied trace organic analysis in waste effluents. As a member of the National Water Contaminants Characterization Research Program, he worked with PCB's and pulp and paper mill effluents.*

MCL001581

HARTOLDMON0002560

TAB 125.1

Monsanto

FROM (NAME & LOCATION) T. L. Gossage - St. Louis - B2SL

DATE February 4, 1972 CC:

SUBJECT Dielectric Letters/Customers

REFERENCE

Insert 1: Switches Electromagnetic

TO : H. S. Bergen
W. R. Corey
C. Paton
W. B. Papageorge
J. F. Stapleton

The following customers were mailed the attached dielectric letter, two copies of the agreement, and a copy of the article which appeared in "Environmental Science & Technology" which deals with the subject of PCBs.

Office of The President
Electro Magnetic Filter Company
310 West Evelyn
Mountain View, Calif. 94040

Office of The President
Eriez Manufacturing Co.
Asbury Road at Air-Port
Erie, Pa. 16512

Mr. C.M. Schindele
Buck Mfg. Co.
Division of Bux-Schrader
Magnetic Products
12080 South Western Ave.
Garden Grove, Calif. 92641

Office of The President
Reliance Electric Co.
P. O. Box 3127
Cleveland, Ohio 44117

Office of The President
Dings Company
4740 W. Electric Avenue
Milwaukee, Wisc. 53246

Office of The President
Joy Manufacturing Company
Bluefield, W. Va. 24701

Office of The President
G&W Electric Specialties Co.
3500 West 127th Street
Blue Island, Ill. 60406

Office of The President
Anderson Electric Company
Leeds, Alabama 35094

Mr. H. F. Robinette
Hart Electric Division
Joy Manufacturing Co.
US Route 52 South
Bluefield, W. Va. 24701

March 24, 1972
Ronald Bosworth
Acme Electric Corp
20 Water St.
Cuba, N.Y. 14727

Feb 14, 1972
Manager Purchasing
Electro Magnetic Inc.
6401 S Edmond Ave
Anderson, Indiana
46013

T. L. Gossage

/bi

Attachment

EXHIBIT
WBP M-125.1

HARTOLDMON0002562

TAB 125.2

Monsanto

FROM (NAME & LOCATION): P. W. Gann - B2SF

DATE: May 9, 1973 CC:

SUBJECT: PCB Warning Letters, Dielectric

REFERENCE:

TO: Memo to File

On May 8, 1973, I reviewed the dielectric warning letters and the corresponding address list with Paul Benignus. The purpose was to verify the address list for these letters.

Tab No. 2, Feb. 18, 1970, Olson letter:

This letter went to all of our transformer Askarel customers. Apparently the letter went to both transformer and capacitor customers. The list included in the file appears complete, per Paul Benignus.

Tab No. 7, May 11, 1970, Olson Letter:

Benignus agrees with the list for this letter.

Tab No. 8, May 12, 1970, Olson Letter:

Benignus agrees with this list for this letter.

Tab 19, Sept. 28 - Oct. 12, 1970, Graham Letter:

Benignus believes Randy's list looks fairly complete for Randy's area of responsibility. Benignus however, does not know if other salesmen sent out similiar letters. Benignus suggests I check this question with Don Olson.

Tab No. 22, Dec. 15, 1970, Graham Letter:

Benignus believes that this letter was the result of Don Pogue's attempt to gain information on estimated amount of Askarel for incineration. Benignus suggests I check with Pogue on that possible mailing list.

Tab 34, Dec. 20, 1971, Bergen #1 Letter:

This letter was sent to the transformer and capacitor customers. A letter was written to companies were we had a personal name to contact.

Tab No. 35, Dec. 20, 1971, Bergen #2 Letter:

This letter was sent to transformer and capacitor customers were we did not have a name to write to. Many of these letters went to the Office of the President. The combined list of 34 and 35 appears to be complete for these customers according to Benignus

10 REV. 1/72

EXHIBIT
WBP M-125.2

MCL001583

HARTOLDMON0002564

Tab No. 24, Feb. 18, 1971, Benignus Letter:

This went to all capacitor people only. Benignus is confident that this letter went to the people on his "1970 list of customers" which list he pulled out of his file cabinet on May 8, 1973. This list should be the same list as used for letter Tab No. 14, dated Aug. 6, 1970.

Tab No. 39, Feb. 4, 1972, Bergen Letter:

Benignus agrees the mailing list is correct.

Tab No. 40, Feb. 7, 1972, Gossage Letter:

Benignus agrees with the mailing list.

Tab No. 41, Feb. 28, 1972, Gossage Letter:

Benignus agrees with this list. These are people who bought transformer fluid of any quantity over a period of the few years preceeding 1972.

Note: Benignus commented that many of these letters were months in their making. He stated that it seemed to take forever to get a letter written and approved for mailing since each letter and each word was reviewed very carefully.

T. W. Gann

/mo

TAB 126

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

February 7, 1972

Gentlemen:

In August, 1971 you were informed that the Therminol® FR series heat transfer fluids, namely FR Lo-Temp, FR-0 and FR-1 had been discontinued for all new systems. We did continue to supply the Therminol FR series heat transfer fluids into existing systems as makeup provided they did not present a possible contamination problem with food, food products, animal feed, food packaging, pharmaceuticals or any food related items.

In a continuing effort to prevent any PCB from entering the environment, last December we notified our U.S. customers that the sale of all PCB-containing Therminols, namely Therminol® FR Lo-Temp, FR-0 and FR-1, was being discontinued. We are currently extending discontinuation world-wide. We are suggesting that these remaining systems be drained completely, flushed to remove PCB, and refilled with non-PCB fluids. The most likely Monsanto candidates would be Therminol 55 and Therminol 66. We are also asking that all PCB materials be returned to us for disposal.

In most cases this conversion can be accomplished with very little change to the system. It is important, however, to realize that the new fluids are not fire resistant and that protective devices may be necessary for these fluids just the same as for other combustible fluids. Suggestions regarding fire protection and other conversion details are included in the attached "Therminol Conversion" bulletin. We hope this will be helpful to you in answering any questions you receive as co-suppliers in Therminol FR systems.

We again want to ask your cooperation in this period of system conversions and appreciate your continued use and recommendation of the non-PCB containing Therminols, namely 55, 66, 77 and 88.

Should you have questions please contact your local Monsanto representative or me at this location.

Very truly yours,

J. J. Roder

J. J. Roder
Product Supervisor
Heat Transfer Fluids

cs
Enclosures:
Conversion Bulletin
Applications Unlimited
Pump Seal Bulletin

EXHIBIT
WBP M-126

TAB 126.1

Monsanto

FROM (NAME & LOCATION): James J. Roder - B2S J

DATE: August 10, 1971

SUBJECT: OEM LIST

REFERENCE:

cc: J. R. Fallon - B2S H
D. E. Roush - B2S H

TO :

R. S. Bevacqua - 1550
C. Boutin - 1800
J. G. Bryant - 1650
A. B. Capps - 1070
R. J. Christman - 1070
C. L. Clay - 1070
P. D. Craska - 1940
G. F. Fague - 1320
H. R. Ford - 1070
J. G. Frederikson - 1460
R. A. Garcia - 1010
P. G. Haislmaier - 1410
R. C. Hamil - B2S G
D. R. Hansen - 1800
J. A. Heilala - 1010
L. T. Johnson - 1650
J. Kriss - 5120
D. H. Lewis -1180
J. S. Pullman - 1650
A. J. Rego - 1210
H. J. Richardson - 1410
C. F. Seger - 1010
L. C. Shelton - 1820
E. L. Shimley - 1070
P. L. Slayton - 1650
D. W. Stegen - 1460
R. V. Weyland - 1180

The people on the attached list are to receive notification that we will no longer sell fluid for any new FR systems.

Please review the list and add any OEM's, system designers or key FR specifiers that we may have missed. Please return these additions to me as quickly as possible.

James J. Roder

lb

Attachment

IM 10 REV 11-68

EXHIBIT
WBP M-126.1

8/6/72

OEM LETTER LIST

Mrs. Rona Monks
Able Manufacturing Company
712 Rosedale Hiway
Bakersfield, California 93307

Mr. Roy Carlson
Ahern Combustion Co.
850 3rd Avenue
New York, New York 10022

Mr. Bernard Breitman
American Hydrotherm Corporation
(Division of Ecological Sciences)
470 Park Avenue, South
New York, New York 10017

Baker Engineering
351 South Anderson Street
Los Angeles, California 90033

Mr. W. R. Shoaff
Bartlett Snow Pacific
100 Valley Drive
Brisbane, California

Mr. Norbert Stevens
Bartlett Snow Pacific
3820 East Colorado Boulevard
Pasadena, California 91107

Mr. William Boone
Bell & Gossett
Fluid Handling Division of ITT
8400 North Austin Avenue
Morton Grove, Illinois 60053

Mr. Milton S. Mery
The Bethlehem Corporation
225 West 2nd Street
Bethlehem, Pennsylvania 18016

Mr. R. L. Schick
Black-Clawson
Hamilton Division
Second & Vine Streets
Hamilton, Ohio 45011

Mr. H. O. Ebeling
Black, Sivalls & Bryson
P. O. Box 1948
Oklahoma City, Oklahoma 73101

Mr. A. F. Stejoff
Brighton Corporation
11861 Mosteller Rd.
Cincinnati, Ohio 45241

Mr. Clayton Broach
The G. C. Broach Company
P. O. Box 5114
Tulsa, Oklahoma 74104

Mr. Thomas P. Kroehle
Brown Fintube Division
Ecological Sciences
300 Huron Road
Elyria, Ohio 44035

Mr. John T. Dunne
Byron Jackson Pump
(Borg Warner Subsidiary)
P. O. Box 2017 Terminal Annex
Los Angeles, California 90058

Mr. H. Richard Klein
Byron Jackson Pump
(Borg Warner Subsidiary)
P. O. Box 2017 Terminal Annex
Los Angeles, California 90058

MCL001587
HARTOLDMON0002570

TAB 127

Feb 8, Feb 10, 197

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

Dear Sir:

We are writing to advise you that Monsanto has adopted certain policies with respect to the further sale and delivery of all polychlorinated biphenyl (PCBs) products including those sold under tradenames such as Aroclor®, Inerteen®, Pyranol®, and under the generic term askarel.

Studies have indicated PCBs may be accumulating in the environment. In some instances PCBs have been found in food or in the food chain. Because of Monsanto's concern over this problem, we have discontinued sales of PCBs in all applications except as dielectric fluids for use in transformers, capacitors, and other electrical equipment and components. In the past, Monsanto has sold these fluids direct to transformer repair shops and to anyone requiring the fluid for top-up of an existing transformer. Monsanto has decided to discontinue direct sales to transformer repair shops and for transformer top-up. For your future requirements of dielectric fluids, we suggest you contact the manufacturer of the transformer for which you desire the fluid.

We sincerely regret any hardships that this decision may cause you, but it has been taken in an effort to continue to make available these products for important electrical applications. If you have any questions relative to this decision, please telephone (314) 694-2513, or write directly to Mr. Paul Benignus, Monsanto Company, P. O. Box 14617, St. Louis, Missouri 63178.

Very truly yours,

T. L. Gossage
Marketing Director
Specialty Products Group

/bi

EXHIBIT
WBP M-127

TAB 127.1

Monsanto

Xfrom PSP file FEB 9 REC'D

FROM (NAME & LOCATION) T. L. Gossage - St. Louis - B2SL

DATE February 8, 1972

cc

SUBJECT Dielectric Letters/Customers

REFERENCE

TO : J. F. Stapleton

The attached letter has been sent to the following customers:

Office of the President
Pennsylvania Power & Light Co.
901 Hamilton Street
Allentown, Pa. 18101

cc: Mr. Benner

Office of The President
American Cyanamid Company
Mulberry, Fla. 33860

cc: Mr. Stewart

Mr. C. Baird
Manager, Purchasing Div.
Atlas Electric Company, Inc.
645 Halekauwila Street
Honolulu, Hawaii 96813

Office of The President
Dow Chemical Company
P. O. Drawer K
Freeport, Texas 77541

cc: Mr. J. F. Walts

Mr. D. Chrisco
ITT Blackburn Company
1525 Woodson Road
St. Louis, Missouri 63114

Office of The President
Union Carbide Corp.
P. O. Box 471
Texas City, Texas 77590

cc: Purchasing Dept.

Purchase Div. Code 530.16
Norfolk Naval Shipyard
Portsmouth, Va. 23709

Attn: Miss Rogers

Office of The President
Transformer Service, Inc.
P. O. Box 177
Concord, New Hampshire 03301

cc: Mr. Booth

Office of The President
Northwestern Steel & Wire Co.
Sterling, Ill. 61081

cc: Mr. R. L. Lovell

Office of The President
Turner Electric Company
P. O. Box 4247
Jacksonville, Fla. 32201

cc: Mr. J. Brandt

Office of The President
Jones & Laughlin Steel Co.
3341 Jennings Road
Cleveland, Ohio 44109

cc: Mr. J. Miles

T. L. Gossage

/bl

on Feb 22, 1972. To
Office of the President
Jones & Laughlin Steel Co.
P.O. Box 1347
Pittsburgh, Pa. 15230
cc: Mr. R.F. Little
Augusta

EXHIBIT
WBP M-127.1

HARTOLDMON0002574

TAB 127.2

Monsanto

FROM (NAME & LOCATION): T. L. Gossage - St. Louis - B2SL

Xfrom PS file
FEB 10 MLT

DATE: February 10, 1972

SUBJECT: Dielectric Letters/Customers

REFERENCE:

TO: H. S. Bergen
W. R. Corey
F. F. Stapleton
W. B. Papageorge
C. Paton/PGB

The attached letter has been sent to the following customers:

Office of The President
Maryland Electrical Testing Company
3100 Washington Boulevard
Baltimore, Maryland 21230

cc: Mr. John Hoopes

Office of The President
Best Electric Company
P. O. Box 5771
Lake Charles, La. 70601

cc: Mr. Jack Pallone

Office of The President
Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

cc: Mr. Marv Harnois

Office of The President
S. D. Myers Company
2737 Front Street
Cuyahoga Falls, Ohio 44221

cc: Mr. Ed Marsh

Office of The President
Columbus and Southern Ohio
Electric Company
215 N. Front Street
Columbus, Ohio 43215

cc: Mr. Willis, Purchasing

Office of The President
Georgia Power Company
P. O. Box 4545
Atlanta, Georgia 30302

cc: Mr. E. C. Parker

T. L. Gossage

/bi
Attachment

EXHIBIT
WBP M-127.2

MCI 001590

HARTOLDMON0002576

TAB 128

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

Dear Sir:

We have recently been in communication with you concerning Monsanto's policy to restrict the sale and delivery of polychlorinated biphenyl (PCBs) products including those sold under tradenames such as Aroclor®, Inerteen®, Pyranol®, and under the generic term askarel.

As you are aware, effective January 15, 1972 Monsanto discontinued sales and delivery of these products to manufacturers of transformers and capacitors, except those who have entered into special agreements to indemnify Monsanto with respect to these products. You have entered into such an agreement.

In the past Monsanto supplied these PCB-containing askarel products to transformer repair shops, and to companies needing these products for top-up of existing transformers. These sales have now been discontinued. Future inquiries from these companies owning or desiring to repair a transformer of your manufacture will be referred to you as the source for additional askarel fluids.

In the event you desire to supply top-up product to your customers or to repair shops, Monsanto intends to make these products available to your company or to your designee upon receipt of your order. In either case, the sales will be to you and we will invoice you. If you choose to ship directly from your own stocks to your customers, we will be happy to make available to you all information we have on proper packaging of these products. Please contact us concerning your instructions for referral of these customers to you. If you have any questions, or if you

EXHIBIT
WBP M-128

wish to meet with representatives of Monsanto concerning the program Monsanto intends to follow, please telephone (314) 694-2513 or write directly to Mr. Paul Benignus, Monsanto Company, P. O. Box 14617, St. Louis, Missouri 63178.

We sincerely regret any inconvenience that this decision may cause you, but it is taken in an effort to continue to make available these products for these important applications within the framework of our overall sales policy.

Very truly yours,

T. L. Gossage
Marketing Director
Specialty Products Group

/bi

TAB 128.1

Monsanto

FROM (NAME & LOCATION): T. L. Gossage - St. Louis - B2SL

: February 8, 1972 cc

SUBJECT: Dielectric Letters/Customers

REFERENCE

TO : H. S. Bergen

The attached letter has been sent to the following customers:

Mr. A. E. Peltosalo
Group V.P.
General Electric Co.
570 Lexington Avenue
New York, N.Y. 10022

cc: Mr. Walter A. Schlotterbeck
(Address Above)

Mr. Edw. L. Raah
Transformer Dept.
100 Woodlawn Avenue
Pittsfield, Mass. 01201

Mr. James P. Kinney
Redmond Circle
Rome, Ga. 30161

Mr. James Babcock
General Manager
Transformer Division
Westinghouse Electric Co.
Gateway Center
Pittsburgh, Pa. 15222

cc: Mr. Carlisle P. Myers
V.P. & General Counsel
(Address Above)

Mr. Gary C. Wilburn
South Boston, Va. 24592

Dr. T.K. Slost
469 Sharpsville Ave.
Sharon, Pa. 16146

Mr. F. G. Schmidt
President, Power Eqpt. Group
ITE Imperial Corporation
1900 Hamilton Street
Philadelphia, Pa. 19130

cc: Mr. James R. Ring
Mr. W. H. Mutschler
(Address Above)

Mr. John E. Shipper, V.P.
Buell Engineering Co.
253 North Fourth Street
Lebanon, Pa. 17042

cc: Mr. R. Gelfand
(Address Above)

Mr. Bernard S. Cheskin
Federal Pacific Electric Co.
150 Avenue L
Newark, N.J. 07101

cc: Mr. Ted Reback
1200 Piper Drive
Milpitas, Calif. 95053

Mr. Harry Eikenberry, Pres.
Hevi-Duty Electric Co.
P. O. Box 268
Goldsboro, N.C. 27530

cc: Mr. W. R. Harris, P.A.
(Address Above)

T. L. Gossage

/bi

EXHIBIT
WBP M-128.1

TAB 128.2

Monsanto

FROM (NAME & LOCATION) T. L. Gossage - St. Louis - B2SL

February 8, 1972

SUBJECT Dielectric Letters/Customers

REFERENCE

TO : C. Paton

The attached letter has been sent to the following customers:

Mr. James Babcock
General Manager
Transformer Division
Westinghouse Electric Co.
Gateway Center
Pittsburgh, Pa. 15222

cc: Mr. Carlisle P. Myers
V.P. & General Counsel
(Address Above)

Mr. Gary C. Wilburn
South Boston, Va. 24592

Dr. T.K. Sloat
469 Sharpsville Ave.
Sharon, Pa. 16146

EXHIBIT
WBP M-128.2

TAB 129

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

February 17, 1972

We are writing to advise you that Monsanto has adopted certain policies with respect to the further sale and delivery of all polychlorinated biphenyl (PCB's) products including those sold under tradenames such as Aroclor®, Inerteen®, Pyranol®, and under the generic term askarel.

Studies have indicated PCB's may be accumulating in the environment. In some instances PCB's have been found in food or in the food chain. Because of Monsanto's concern over this problem we have discontinued sales of PCB's in all applications except as dielectric fluids for use in transformers, capacitors, and other electrical equipment and components.

In the past, Monsanto has sold these fluids direct to transformer component manufacturers and also to makers of insulation such as Kraft paper and plastic film who use only small amounts of the dielectric fluid for testing purposes. Monsanto has decided to discontinue such direct sales. For your future requirements of these dielectric fluids, we suggest you contact the Aroclor capacitor makers, or in the case of transformers contact the makers of the askarel types.

We sincerely regret any inconvenience this decision may cause you. If you have any questions relative to this decision please telephone (314) 694-2513, or write directly to Mr. Paul Benignus, Monsanto Company, P. O. Box 14617, St. Louis, Missouri 63178.

Very truly yours,

T. L. Gossage
Marketing Director
Specialty Products Group

/jf

EXHIBIT
WBP M-129

MCL001595

HARTOLDMON0002585

TAB 129.1

February 17, 1972

To: P. B. Benignus
H. S. Bergen
T. L. Gossage

The attached letter was sent to the following companies:

Mr. Q. V. Smith
E. I. duPont de Nemours
Clinton, Iowa

Hercules, Inc.
P. O. Box 5038
Terre Haute, Indiana
ATTENTION: Mr. C. H. Walton

Mr. Ed Walker
Hercules, Inc.
Research Center
Hercules Rd. & Route 48
Wilmington, Del. 19899

Mr. A. Febbroriello
Peter J. Schweitzer Div.
Kimberly Clark Corp.
Lee, Mass. 01238

Mr. B. W. Schaefer
Kimberly Clark Corp.
Mt. Holly Springs, Pa.

Mr. David R. Schoales
Stevens Paper Company
Westfield, Mass. 01083

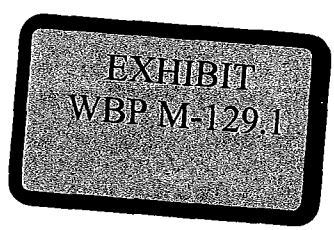
Mr. Lanse Richardson
Weyerhaeuser Company
P. O. Box 601
Fitchburg, Mass. 01421

Albany Felt Company
1373 Broadway
Albany, New York 12201

Mr. Ral Hassler
Garlock Packing Company
Palmyra, New York 14522

Westvaco Corp.
Man Station 22
Corington, Va. 24426

Betty Rosier



HARTOLDMON0002587

TAB 130

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

February 28, 1972

Attention: Purchasing Agent

Dear Sir:

We are writing to advise you that Monsanto has adopted certain policies with respect to the further sale and delivery of all polychlorinated biphenyl (PCBs) products including those sold under tradenames such as Aroclor®, Inerteen®, Pyranol®, and under the generic term askarel.

Studies have indicated PCBs may be accumulating in the environment. In some instances PCBs have been found in food or in the food chain. Because of Monsanto's concern over this problem, we have discontinued sales of PCBs in all applications except as dielectric fluids for use in transformers, capacitors, and other electrical equipment and components. In the past, Monsanto has sold these fluids direct to transformer repair shops and to anyone requiring the fluid for top-up of an existing transformer. Monsanto has decided to discontinue direct sales to transformer repair shops and for transformer top-up. For your future requirements of dielectric fluids, we suggest you contact the manufacturer of the transformer for which you desire the fluid.

We sincerely regret any hardships that this decision may cause you, but it has been taken in an effort to continue to make available these products for important electrical applications. If you have any questions relative to this decision, please telephone (314) 694-2513, or write directly to Mr. Paul Benignus, Monsanto Company, P. O. Box 14617, St. Louis, Missouri 63178.

Very truly yours,

T. L. Gossage

T. L. Gossage
Marketing Director
Specialty Products Group

/bi

EXHIBIT
WBP M-130

MCI 001597

HARTOLDMON0002589

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

February 28, 1972

Attention: Plant Engineer

Dear Sir:

We are writing to advise you that Monsanto has adopted certain policies with respect to the further sale and delivery of all polychlorinated biphenyl (PCBs) products including those sold under tradenames such as Aroclor®, Inerteen®, Pyranol®, and under the generic term askarel.

Studies have indicated PCBs may be accumulating in the environment. In some instances PCBs have been found in food or in the food chain. Because of Monsanto's concern over this problem, we have discontinued sales of PCBs in all applications except as dielectric fluids for use in transformers, capacitors, and other electrical equipment and components. In the past, Monsanto has sold these fluids direct to transformer repair shops and to anyone requiring the fluid for top-up of an existing transformer. Monsanto has decided to discontinue direct sales to transformer repair shops and for transformer top-up. For your future requirements of dielectric fluids, we suggest you contact the manufacturer of the transformer for which you desire the fluid.

We sincerely regret any hardships that this decision may cause you, but it has been taken in an effort to continue to make available these products for important electrical applications. If you have any questions relative to this decision, please telephone (314) 694-2513, or write directly to Mr. Paul Benignus, Monsanto Company, P. O. Box 14617, St. Louis, Missouri 63178.

Very truly yours,

T. L. Gossage
Marketing Director
Specialty Products

/bl

cc: Purchasing Agent

MCL001598

HARTOLDMON0002590

TAB 130.1

Allen Transformer
6107 South Zero Street
Ft. Smith, Ar 72901

Pyranol

Allied Chemical
1051 South Park Ave.
Buffalo, New York 14210

Allied Chemical
12270 Nebraska Ave.
Los Angeles, Calif. 90025

Inerteen

American Cyanamid
Berdan Ave.
Wayne, N.J. 07470

American Cyanamid
President Street Extension
Savannah, Ga. 31402

Inerteen

American Enka
Controllers Department
Enka, N.C. 28728

American Enka

Enka, N.C.

Pyranol

American Forest Prd.

Martell, Ca. 95654

Pyranol

American Motor Corp
14250 Plymouth Road
Detroit, Mich. 48227

American Motors
5626 - 25th St.
Kenosha, Wisc 53140

Inerteen

American Tobacco
245 Park Ave.
New York, N.Y. 10017

American Tobacco

Reidsville, N.C. 27320

Inerteen

American Zinc
Box 495
East St. Louis, Ill.
62202

American Zinc
Box 495
East St. Louis, Ill. 62202

Inerteen

(20 S. 4th Street)

EXHIBIT
WBP M-130.1

HARTOLDMON0002592

Bill To

Ship to

Amfac Inc
P.O. Box 1721
Honolulu Hawaii 96806

Pyranol

Anchor Hocking Glass
Invoice Auditing Dept
Lanc Ohio 43130

Anchor Hocking Glass

Winche Inn. 47394

Pyranol

Anchor Hocking Glass
Plant 6
Salem N.J. 08079

Pyranol

Anchor Hocking Glass
Plant No 15
~~Connls Pa~~
Connellsville, Pa. 15425
Pyranol

Arcal Chem
7330 86th Ave. Carrie Industrial
Seat Pleasant Md 20027

Inerteen

Argo & Company
No. 7 18th St. S.W.
Birmingham, Ala. 35211

Pyranol

Armco Steel
Purchasing Dept
Middletown Ohio 45052

Armco Steel
Kansas City Works 7000 Roberts Rd.
Kansas City, Mo. 64125

Inerteen 70-30

Armco Steel
P.O. Drawer H
Gainesville, Texas 76240

Inerteen 100-42

MCL001600
HARTOLDMON0002593

Bill To

Armour Co
Box 1805 - 401 N. Wabash Ave,
Chicago 60690

Ship to

Baldwin Lima Ham
Burnham, Pa. 17009
Pyranol (...) A1383C

Atlantic City Elec
Attn Ms. P. Patterson
Atlantic City, N.J. Bacharach Blvd
08401 at Kyn. Ave.
Inerteen PP3

City of Austin
P.O. Box 1088
Austin, Texas 78767
Inerteen [illegible]

Automatic Refuse
38201 Harper
St. Clair, Mich 48082
Inerteen [illegible]

Baltimore Elec.
Purchasing Dept
P.O. Box 1475 21220

Baltimore G Elec
Monument Warehouse
Baltimore Md 523 East Monument
21202
Inerteen PP3

Bayview Electric
25324 Five Mile Rd.
Detroit, Mich 48239
Pyranol

Bendix Corp
@12843 Greenfield Rd.
Detroit, Mich 48227

Bendix Corp
2000 East Bannister Rd.
Kansas City, Mo. 64141
Inerteen PP3
Pyranol (...)

Beta Marine Co
P.O. Box 1372
~~Philadelphia, Pa.~~ Reading, Pa. 19603
Pyranol (Inerteen) PP3 [illegible]

MCL001601
HARTOLDMON0002594

Bethlehem Steel
100 W. 10th St
Wilmington, Delaware
19801

Bethlehem Steel
119 Walnut
Johnstown, Pa. 15907
Town
Inerteen PPO

Billows Electr
7925 Frankford Ave.
Philadelphia Pa 19135

Inerteen 70-30

Boise Cascade Corp
P.O. Box 7745
Boise Idaho 83707

Boise Cascade
315 Commercial St S.E.
Salem Oregon O. O. Box 2089
97308
Pyranol (Transform) A13B3B

Boise Southern Co
P. O. Box 1000
Deridber, La
DeRidder 70634
Inerteen PPO

Boston Edison Co.
800 Boylston St.
Boston, Mass 02199

Boston Edison Stores Dept.
1165 Massachusetts Ave-Yard
Dorchester, Ma 02125

Inerteen PPO

L. J. Boudreaux
412 First Ave
Harvey, La. 70058

Inerteen PPO

Brown Co
555 5th Ave
New York, New York
10017

Brown Co.
243 East Fa... St.
Kalamazoo Mich 49007

Inerteen 70-30
Transform Pyranol A13B3B

Brown Corp.

Berlin NH 03570

Transform Pyranol A13B3B

MCL001602
HARTOLDMON0002595

2nd letter sent 2-9 not resent

Brown & Rose of NJ
Hoboken NJ 07030
Transform Pyranol A13B3B

Brown Root
P.O. Box 34416
North Houston, Texas 77058

Brown - Root
P.O. Box 640
~~Dierks Arkansas~~ De Queen, Ark. 71832
Inerteen PPO

Buchanan Electrical
65 Floral Ave.
Union, NJ 07083
Inerteen PPO

Budd Co
2450 Hunting Park Ave.
Philadelphia Pa 19129
Inerteen 70-30

Buffalo Elec
Buffalo NY 14240

Buffalo Elec Imperial Sugar Co. Machine Shop
Sugarland, Texas
Inerteen 70-30

Burlington Test
Ellis St.
Burlington, NJ 08016
Inerteen 70-30

California Elec Works
P.O. Box 389 - 4567 Ferrocarril St.
San Diego, Calif 92102
Transform Pyranol A13B3B

MCL001603
HARTOLDMON0002596

Calif Mens Colony

San Luis Calif 93401

Tranform Pyranol A13B3B

Calif Whsl Elec
P.O. Box 3581 Term. Annex
L.A., Calif 90054

Inerteen 70-30
Transform Pyranol A13B3B

Calif Whsl Elec
P.O. Box 3581 Term. Annex
L.A., Calif 90054

Transform Pyranol A13B3B

Camden Wire

Camden, N.Y. 13316

Inerteen PPO

Cameron & Barkley
P.O. Box 323
Charleston SC 29402

Inerteen PPO

Cardwell Machine Co
P.O. Box 37[illegible]
Richmond Va 23234

Inerteen 70-30

Carolina Trans
P.O. Box 652
Fayetteville NC 28302

Inerteen 70-30
Inerteen PPO

Castle Rubber

E Butler Pa 16029

Transform Pyranol A13B3B

MCL001604

HARTOLDMON0002597

Caterpillar Tractor
100 N. E. Adams
Peoria, Ill 61602

Caterpillar Tractor
~~[illegible]~~
E Peoria Ill 616 02

Inerteen 70-30

Caudill Feed & Warh
12001 Short Rive,
Louisville Ky [illegible]

Transform Pyranol A13B3B

CB&S Electrical
2511 Trou[illegible]
Dearborn Mich 48124

Transform Pyranol A13B3B

CED
2970 Dura Hart
~~Naree Calif~~ Riverside Ca. [illegible]

Inerteen 70-30

Central Power
P.O. Box 2121
Corpus Christi, Texas [illegible]

Inerteen PPO

Central Illinois
Power Station
Coffeen Ill. 62017

Inerteen PPO

Central Ill. Pub Serv Co.
607 East Adams
Springfield, Ill. 62701

Central Ill Publ Ser
Power Station
Meredo Ill Meredosia, Ill.
62665

Inerteen 100-42

Central Ill Light Co
300 Liberty St.
Peoria Ill 61602

Inerteen 70-30

Ceramaseal Ind
~~New Siginus~~
Orange NJ

moved PA. letter retained 8-9, not relevant.

Ceramaseal
New Lebanon NY 12126

Inerteen PPO

Champion Pneumatic
Plant #2 Attnov Shamberger
Princeton Ill 825 N. Pleasant
61356
Inerteen 70-30
Inerteen 100-42

AB Chance
Wepco Dw. 18 East Front St.
Washington Mo 63090

Inerteen PPO

Chattanooga El Pow
Oak + Greenwood Ave
Chattanooga Tenn 37402

Transform Pyranol A13B3B

Chicago Elec Co
Chicago Ill

Inerteen 70-30

Chicago Extrd Mtls
Cicero Ill

Inerteen PPO

Chicago Bridge
Oakbrook, Ill 60521

Chicago Bridge & IR
Memphis Tenn 38113

Inerteen 70-30

Chicago Trans Auth
5210 West Cermak Rd.
Cicero Ill 60650

Inerteen 70-30

MCL001606
HARTOLDMON0002599

City of Cincinnati
Water Works Supply
Cincinnati Ohio Treatment Plant
5650 Kellog Ave
45228

Inerteen 70-30

Cleveland Ele
612 South 3rd. St.
Birmingham Ala 35233

Inerteen PPO

Climax Moly Co

Climax Colo

Transform Pyranol A13B3B

Colo.-Ute Ele. Assoc Inc
P.O. Box 1149
Montrose, Colo. 81401

Colorado-Ute Elect
Nucla Station P.O. Box 698
Nucla, Colo 81424

Inerteen 70-30

Columbia Electric ~~V-T-J Sugar Co.~~
P.O. Box 216 Tum. Pk.
Moses Lk Wash. 98837

Inerteen 100-42

Columbia Tool Steel
14th & State Street
Chicago Hgts Ill 60603

Inerteen 70-30

Commonwealth Edison
Attn Purchasing Dept
Chicago Ill. P.O. Box 767
60690

Commonwealth Edison Technical Lib Rm
1319 South First St.
Maywood Ill 60154

Transform Pyranol A13B3B

St ~~Je~~ Conn Norwich Hosp ~~Hdqtrs Engr~~
~~Norwich Hosp~~
Nor Ct 06360

Inerteen 70-30

MCL001607
HARTOLDMON0002600

letter (2) ret'd 8/9
not re-sent

Consol Elec Distr
Coronado Calif 92118
TransformerPyranol A13B3B

Consolidated Edison
1 Irving Place
Astoria NY 11102
Inerteen PPO

Consolidated PPR
I.P. Box 50
Wisconsin Rapids Wisc 54494

Consolidated Papers Inc.
Biron Div.
Biron Wood County, Wisc.
Transform Pyranol A13B3B

Container Corp of Am
[illegible] Harbor St.
Chicago Ill 60653

Container Corp of (?)
[illegible]
Santa Clara Calif 95050
Transform Pyranol A13B3B

Continental Wire [illegible]
~~Cable York P~~ York, [illegible]
Inerteen PPO

Copolymer Rubber Chem.
P.O Box 2591
Baton Rouge 70821

Copolymer RBR Shada Ave.
[illegible]
Baton Rouge 70805
Inerteen 70-30

Cortran Mfg Co
Washington Mo 63090
Inerteen PPO

Cotter Richardson
1921 Bellaire
Royaloak Mich 48067
Transform Pyranol A13B3B

MCL001608
HARTOLDMON0002601

Purchasing Agent

BILL TO: - 172

OPA (2) Plant Engineer

SHIP TO: - 815

Ace Transformer Co.
c/o Lee American Frt. Syst. Term.
~~Detroit~~ 15921 Brentwood Dr. #175 J
Livonia, Michigan
Pyranol (illegible) A13838

Acme Electric
20 Water Street
Cuba, New York 14727

Inerteen

Advance Electric
1025 North Sabina Street
Anaheim, Calif. 92801

Pyranol

Air Reduction Co.
150 E. 42nd St.
New York
10017

Air Products & Chem
17801 Arenth Ave,
~~Ind Calif~~ City of Industry, Calif.

Inerteen

Akron Controller
1100 Henna Ave.
Akron, Ohio 44310

Inerteen

Alameda Bureau Elec
Box H
Alameda, Calif. 94501

Pyranol

Alaska Lumber & Pulp
P.O. Box 1050
Sitka Ak 99835

Pyranol

MCL001609
HARTOLDMON0002602

Courtaulds No Am
P.O. Box 2644
~~Lemoyne Ala~~ Mobile, Ala. 36631
Transform Pyranol A13B3B

Crawford Elec
24348 [illegible]
Centerline Mich 48015
Inerteen 70-30

Crouse Hinds Co. 1300 1300 1/4 St.
Attn: R. Park
Syracuse NY 13201
Inerteen PPO

Crown Zellerbach
1 Bush St.
San Francisco Calif
94104

Crown Zellerbach
P.O. Box 611
St Francisville La 70775
Inerteen PPO

Crown Zellerbach
West Linn Or 97068
Inerteen PPO

Daniel Construction
P.O. Box 2282
Jackson, Tenn 38301
Inerteen 70-30
P.A. letter ret'd marked "Refused"

Dauphin Elec
825 Boston St.
Harrisburg Pa 17104
Transform Pyranol A13B3B

Deepwater Operating
P.O. Box 71
Penns Grove, N.J 08069

Deepwater Oper
P.O. Box 49
Pennsville NJ 08070
Transform Pyranol A13B3B

Detroit Edison Co
2000 Second Ave
Detroit Mich 48226

Detroit Edison Co
4901 Pointe Drive
Belle Riv Mi attn R. Brauweiler

Inerteen 70-30
Inerteen 100-42 48079

Diamond State Elec
206 C Walnut Street
Newport De 19804

Transform Pyranol A13B3B

Diamond Shamrock
300 Union Commerce Bldg
Cleveland Ohio 44115

Diamond Shamrock
Wilson Dam Road
Sheffield Ala 356602

Inerteen PPO

Diamond Shamrock
Deer Park Plant
Houston Texas 77001

Inerteen 100-42

Dow Chemical
Exchange Accounting
Midland Mich 47 Bldg
48640

Dow Chemical
Texas Div. Plant B.
Freeport Texas 77541

Transform Pyranol A13B3B

? Dowzer Elec Inc.
P.O. Drawer 829
Mt. Vernon 62864
not cent

Dowzer Elec Mach
1st + Castleton Streets
Mt Vernon Ill 62864

Inerteen PPO letter not sent

E I DuPont
Antioch Works
Antioch Calif 94509

Transform Pyranol A13B3B

E I DuPont
Chestnut Run Location
Wilmington, Del 19898

Inerteen 70-30
Inerteen 100-42
Inerteen PPO

MCL001611

HARTOLDMON0002604

Eastern Aero Inc
702-704 W. 42nd St.
Millville NJ 08332

Inerteen 70-30

Eastman Kodak Co
Account Payable Dept
Rochester NY
Kodak Park Div
14650

Eastman Kodak Co
Receiving Dept 1041 Ridge Rd. West
Rochester NY 14615

Transform Pyranol A13B3B

~~Tenn~~ Eastman Chemical

Kingsport Tenn 37662

Inerteen PPO

Economy Elec
645 Market Street
Youngstown Ohio 44507

Inerteen PPO

Both items not to 3-9.
Re-sent 3-10
Elcor Chemical
Tesco Bldg.
Midland, Tex. 79701

Elcor Chemical
1300 U.S.J. Tower Bldg.
~~Van Horn Texas~~ Midland, Texas 79701

Inerteen PPO

Elect. Eng. & Equip Co.
1201 Walnut
Des Moines Iowa 50317

~~Electrical Engineer~~
Keith Electric Comp. 2216 Valley Dr.
Des Moines, Iowa 50321

Inerteen 70-30

Electrical Engineer
12th & Walnut
~~Iowa City~~, Iowa 50309
Des Moines

Transform Pyranol A13B3B

MCL001612
HARTOLDMON0002605

Elec. Dev. Co. 2-letters
926-32 Pulliam St
P.O. Box 1589
San Angelo, Texas 76901

Elec Supp Dist Co
P.O. Box 1310
San Diego Calif 92112

Inerteen PPO

Electric Supply
4511 Calumet Ave
~~Gary Ind~~ Hammond, Ind. 46327

Transform Pyranol A13B3B

Electric Appa
Schuylkill Ave below Reed St.
Philadelphia Pa 19146

Inerteen PPO
Transform Pyranol A13B3B

Returned from Bethlehem, Pa
Re-sent 3/8 to Bethel Park, Pa.
for 1" only — PE re-sent 3/10
Letter also rec'd from Bethel Park, Pa.

Electric Hose & Rep
~~Bethlehem~~
Bethel Pa 15102

Inerteen 70-30

Electric Mfg Repair
2025 Milford
Bethel Park Pa 15102

Inerteen 70-30

Elec Motor & Supply
[illegible]
Fresno Calif 93721

Transform Pyranol A13B3B

Billing is commended.

Electric Service
5225 Bethel St.
Cincinnati Ohio 45227

Transform Pyranol A13B3B

MCL001613
HARTOLDMON0002606

Electric Service
47 North 2nd St.
New Bedford Ma 02742

Inerteen 100-42

Electric Service Co
National Electric Coil - Div of
Alcoa Tenn McGraw Edison
37701 75 Hall St. Attn Mr Shields
Transformer Pyranol A13B3B

Electro Eng Wks
401 Preda St.
San Leandro Calif

TransformcPyranol A13B3B

Elemco
30 walkhill Rd.
Norwood Mass 02062

Transform Pyranol A13B3B

Energy Systems
3180 Hanover St.
Palo Alto Calif 94303

Inerteen 70-30
Transform Pyranol A13B3B

English Electric

Chicago Ill 60690
letter not sent

English Electric Same add as
Cambridge Ma 02142 below except
Inerteen PPO MBTA Substation
Kendall Square

---

letters not sent

English Electric
Herbridge + Hewitt
Quincy Ma c/o Wm. Hewitt Sons Inc
02101 Metropolitan Transit Assn.
Inerteen PPO Substation Quincy Sta

English Electric
One Park Ave.
Manhattan NY 10016

Inerteen 70-30

MCL001614
HARTOLDMON0002607

letter not sent

Erie Manufacturing Co
~~Auburn Road at Airport~~
Erie Pa ~~16512~~

Transform Pyranol A13B3B

Essex Intl
1601 Wall St.
Ft Wayne Ind 46804

Essex Inc

Booneville Ind 47601

Transform Pyranol A13B3B

Fagan & Co
2401 W- [illegible]
Little Rock Ark 72203

Inerteen 70-30

Fairchild Hiller
Aircraft Division
Hagerstown Md 21740

Transform Pyranol A13B3B

Falstaff Brewing
Attn Acct's Payable
5050 Oakland
St Louis, Mo. 63110

Falstaff Brewery
2600 Gravier
New Orleans La [illegible]

Transform Pyranol A13B3B

Firestone Tire
[illegible] Main St.
Akron Ohio [illegible]

Firestone Tex
P.O. Box [illegible]
Bowling Green, Ky. 42102

Inerteen 70-30

Firestone Tire RBR
P.O. Box 1708
Albany Ga 31702

Transform Pyranol A13B3B

Same on billing

Firestone Tire
2500 N. 22nd St.
Decatur Ill 62525
Transform Pyranol A13B3B

Same on billing except
P.O Box 1361
70601

Firestone Synthetic Rubber + Latex
Div of Firestone Tire + Rubber Co.
W Lake Charles La

Inerteen 70-30

Same but P.O. Box 650
No address.

Florida Power & Light
c/o M.O. Talbert
Miami Fla 611 W. 6th St.
33101
Transform Pyranol A13B3B

Foote Mineral Co
Knox. Tenn
Exton Pa 19341

Foote Mineral
~~1400 Cypress St~~
Knoxville Tenn 37921

Inerteen PPO

Ford Motor
Steel Div. Contracts Office
Dearborn Mich 48121
P.O Box 1639

Ford Motor
1000 Lincoln Hwy
Chicago Hgts Ill 60411
Transform Pyranol A13B3B

Ford Motor Co

Louisville Ky 40201

Transform Pyranol A13B3B

Ford Motor Rouge Plant
F-2L Rolling Mill
DearbornMich 48121
P.O. Box 5038
Transform Pyranol A13B3B

Ford Motor Steel
P.O. Box 538 - Same as above
Dearborn Mich 48121
Transform Pyranol A13B3B

MCL001616
HARTOLDMON0002609

Ford Motor Co NJ
P.O. Box F
Edison NJ 08817

Transform Pyranol A13B3B

Ford Motor
Nashville Glass Plant
Nashville Tenn 37202

Inerteen 70-30

HARTOLDMON0002610

*Gaines Elec Co
8200 Airport Way
Long Beach Calif 90806

Inerteen PPO

Gates RBR 999 E. Broadway
South Santa Fe Plant
Denver Colo 80217

Transform Pyranol A13B3B

General Motors
767 5th Ave
New York NY 10022

*GM - New Departure
780 [illegible]
Bristol Conn. 06010

Inerteen 70-30

GM-Fisher Body
7[illegible]
Willow Springs Ill 60480

Transform Pyranol A13B3B

GM-Central Foundry
Attn Fred Raehrle
Defiance Ohio 43512

Transform Pyranol A13B3B

General Cable
[illegible] 3rd Ave.
New York 10017

General Cable
5043 [illegible]
St. Louis, Mo 63115

Inerteen PPO

General Dynamics
[illegible]
Fort Worth Texas 76101

General Dynamics
P.O. Box 127
San Diego Calif 92112

Transform Pyranol A13B3B

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*Georgia Power Co
P.O. Box 4545
Atlanta Ga 30302

Transformer Pyranol A13B3B

MCL001618
HARTOLDMON0002611

From the desk of
J. M. SCHLEFERDECKER

*Gifford Hill
2979 Stemmons Fwy
Midlothian Texas 76065

Inerteen 70-30

---

*Golden Gate Bridge
P.O. Box 9000
San Fran Calif 94129

Transform Pyranol A13B3B

Goodyear Atomic
Municipal Hill
Akron Ohio 44305

Goddyear Atomic - P.O. Box 20
Piketon
~~Sargents~~ Ohio 45661

Transform Pyranol A13B3B

---

*Grand River Dam Authority
Transmission Dept
~~Avalon~~ Pryor OK 74361

Inerteen 70-30
Transform Pyranol A13B3B

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*Granite City Steel
Belle Line
Granite City Ill 62040

Inerteen 70-30

Graybar Electric
P.O. Box 3727
Los Angeles, Calif
90054

Graybar Electric
P.O. Box 2655
Bakersfield, Calif 93303

Transformer Pyranol A13B3B

G
O
L

T

Graybar El So
251 Lawrence Ave
San Fran Calif 94080

Transform Pyranol A13B3B

MCL001620
HARTOLDMON0002613

Graybar, Cont.

Graybar Electric
915 So. Heald St.
Wilmington Del 19801

Transform Pyranol A13B3B

Graybar Electric
704 South Adams St.
~~Mossville~~ Peoria Ill 61602

Inerteen 70-30

Graybar Electric
600 S. Taylor
St. Louis, Mo 63110

Transform Pyranol A13B3B

Graybar Electric Suburban Acct
c/o Ohio Univ - Tech Center
Lima Ohio 45802

Transform Pyranol A13B3B

---

*Great Lakes Carbon
P.O. Box 2868 Carondelet Stat
St. Louis, Mo. 63111

Inerteen 70-30

Great Lakes Chemical
P.O. Box 1878
El Dorado Ark 71730

Transform Pyranol A13B3B

---

*Greenville Mill Div Mohasco Industries, Inc
Greenville MS P.O. Box 877
Transform Pyranol A13B3B 38701

MCL001621
HARTOLDMON0002614

*Gulf States Louisiana Power Light
Gulf States Rd. P.O. Box 2451
Baton Rouge, La. 70821

Inerteen PPO

P.C.L. letter mailed 3-9

*Harmon Electric
20 N. 9th Ave
Cicero, Ill. 60160

Transform Pyranol A13B3B

Harvey Alum
19200 S. Western Ave
Torrance Calif 90509

Harvey Aluminum
P.O. Box 8
Lewisport, Ky. 42351

Inerteen PPO
Transform Pyranol A13B3B

---

*High Volt Maintnce per telephone conversation 2/25 David Bowles is the Manager, It is a 1-man location
959 N. Shurman Drive
~~Newport In~~
Indianapolis, Ind. 46201
Inerteen PPO

---

*Hi-Voltage Systems ~~Systems~~
306 Dura Ave. - Box 1545
Toledo Ohio 43611

OK

Howmet Corp

New York City, NY

Howmet Corp
2850 S. 20th St.
Milwaukee Wisc 53215

Transform Pyranol A13B3B

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*J.L. Hughes Ele Co
144 Southwood Ave
Columbus Ohio 43222

Inerteen 70-30

---

*Hughes Supply
P.O. Box 610
Ft Pierce Fla 33450

Transform Pyranol A13B3B

MCL001622

HARTOLDMON0002615

Hunt Wesson Foods Inc
1645 W. Valencia Dr.
~~Fuller~~ Calif
Fullerton, Calif. 92634

Hunt-Wesson Foods
~~1645 W. Valencia Dr.~~ P.O. Box 3511
Hayward Calif 94544

Transform Pyranol A13B3B

---

*Huron Cement

Alpena Mich 49707

Inerteen PPO

---

*Indiana General Corp
Magnetic Equp corp
Cudahy Wisc 53110 6001 So. General Ave
Transform Pyranol A13B3B

---

*Indiana + Kentucky Elect. Corp
Cliffy Creek Station
Madison Ind 47250 P.O. Box 97
Inerteen PPO

---

*Indiana & Mich Electric Co.
Lawrenceburg Ind 47025 Tanners Creek Pl.

Inerteen 70-30

Industrial Electric
960 4th St.
Arcata Calif 95521

Transform Pyranol A13B3B

Industrial Electric - U.S. Plywood
McCloud Calif 96057

Transform Pyranol A13B3B

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*Industrial WHSL Elec
805 East Pico
L.A. Calif 90021

Transform Pyranol A13B3B

P.O. Box 468
Piketon, Ohio 45661

Indiana + Mich Elec Co.
2101 Spy Run Ave.
Fort Wayne, Ind 46801

MCL001623
HARTOLDMON0002616

Inland Steel
1 Cold Strp
E. Chicago Ind 46312

Inland Steel
Sesser Ill 62884
Transform Pyranol A13B3B

*Inter State Ele
South 5th & E. Street
Fort Smith Ar 72901
Inerteen PPO

Intl Harvester
10400 West North Ave.
Melrose Park Ill 60164

Intl Harvester
Wisconsin Steel Works
Chicago Ill 2701 East 106 St
Inerteen 70-30 60617

International Paper Co
220 E. 42nd St.
NY NY 10017

Intl Paper
Rileys Mc Maine
Inerteen 70-30

letter not sent

Int. Rectifier Corp
233 Kansas St.
El Segundo, Calif 90245

*Intl Rectifier Corp
1325 El Segundo Blvd
Elseg Calif El Segundo, Calif 90245
Transform Pyranol A13B3B

*IRC-Burlington Div
TRW, Inc.
Burlington Iowa
Inerteen PPO
Transform Pyranol A13B3B

Intl Telephone & Tel
320 Park Ave.
NY NY 10022

ITT Fed Support
P.O. Box 100
Richland WA 99352
Transform Pyranol A13B3B

MCL001624
HARTOLDMON0002617

ITT-Harper
Morton Grove, Ill. 60053
Inerteen PPO

*Jacksonville Elec. Operations UG Transmission + Distr 2325 Emerson St.
Jacksonville, Fl. 32207
Inerteen PPO

*Jet Propulsion Labs
4800 Oak Grove Drive
Pasadena, Cal. 91103
Transform Pyranol A13B3B

Johnson Johnson
501 George
New Brunswick, N. J. 08901

Johnson & Johnson
4949 W. 45th St.
Chicago, Ill. 60630
Transform Pyranol A13B3B

*JA Jones Const. M
1800 Access Rd.
Norcross, Ga. 30071
Inerteen 70-30

*Joslyn Mfg. Co.
3700 S. Morgan
Chicago, Ill. 60609
Transform Pyranol A13B3B

Kaiser Indust. Park
300 Lakeside Dr.
Oakland California 94612

Kaiser Steel Corp.
P.O. Box 217
Fontana, Cal. 92335
Transform Pyranol A13B3B

*Kansas Gas & El.
1900 East Central
Wichita, Kan. 67214
Transform Pyranol A13B3B

*Keene Corp. - Wigood Drive
Fluid Handling Div.
Cookeville, Tenn. 38501
Transform Pyranol A13B3B

Kennecott Copper
161 East 42nd St.
New York City, New York 10017

Kennecott Copper.
Ray Mines Division
Hayden, Arizona 85235

Transform Pyranol A13B3B

Kennecott Copper

Ruth, Nevada 89319

Transform Pyranol A13B3B

---

*Kentucky Power Co.
Big Sandy Plant - Unit 2
Louisa, Kentucky 41230

Transform Pyranol A13B3B

---

*Koontz Wagner Electric
2801 Coorde Drive
South Bend, Ind. 46601

Transform Pyranol A13B3B

---

*K-West Westminster
9271 Kramer Ave
Westminster, Calif. 92683

Transform Pyranol A13B3B

---

*Larsen Hogue
11510 South Alameda
Los Angeles, Calif. 90059

Transform Pyranol A13B3B

Leeds Northrup
Sumneytown Pike
North Wales, Pa. 19454

Transform Pyranol A13B3B

Eli Lilly
Bldg 80 East Dr. 1249 S White
Indianapolis, Ind. 46201 River Parkway

Inerteen 70-30

Ling Temco Vought
P.O. Box 6118
Dallas, Texas 75222

Jones & Laughlin Steel
[illegible]
Cleveland, Ohio [illegible]

Inerteen 70-30

MCL001626

HARTOLDMON0002619

*Louisiana Elec.
11997 Airline Highway
Baton Rouge, La. 70816

Inerteen PPO

*Louisville Gas & Electric
P.O. Box 2010
~~Ener~~ Louisville, Ky. 40201

Inerteen 70-30

*Lukens Steel Co.
c/o Central Store
Coatesville, Pa. 19320

Inerteen 70-30

*Lummus Co.
1515 Broad St.
Bloomfield, N.J. 07003

Inerteen 70-30

*MOR Elec. Sup.
708 Carling
Hot Springs, Ark. 71901

Inerteen 70-30

letter not sent
Magnatron, Inc.
P.O. Box 211
Kearney, N.J. 07032

*~~Magnatron~~. Inc. → letter not sent
~~244 Schuyler St~~
Kearney, N.J. 07032

Inerteen PPO

*Mallinckrodt Chemical
123 Destrehan St.
St. Louis, Missouri 63147

Inerteen 70-30

~~XXXXXXXXXXXXX~~

Govt letter not rec'd. 3-9.
Re-sent 3-10 in care of:
Utah Construction & Mining Co.
550 California St.
San Francisco, Cal 94104

~~XXXX~~

*Marcona Mining Co. (providing of Utah Construction)
Alameda, Cal. 94501

Inerteen PPO

MoDonnell Douglas
Lambert-St. Louis Municipal Airport
St. Louis, Missouri 63166

MoDonnell Douglas
P.O. Box 2731
Long Beach Calif, 90801

Inerteen PPO

MCL001627
HARTOLDMON0002620

Bill To:
Purchasing Agent

Ship To: Purchasing Agent
& Plant Engineer
Name, if known.

*National Elect. Coil
380 Fair Ave.
Ferndale, Michigan 48...0

Inerteen PPO

Brunswick Plant

Brunswick, Georgia 31520

Inerteen 100-42

Mead Corp.
Chillicothe Mills
Chillicothe, Ohio 45601

Transform Pyranol A13B3B

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*Metalfab Inc.
[illegible]
Beaverdam, Wisc. 53916

---

*Metropolitan Sanitary [illegible]
[illegible]
Chicago, Ill. 60611

Transform Pyranol A13B3B

---

*Mid-Ohio Electric
896 Scott St Attn Bruce Langhirt
Columbus, Ohio 43222
Transform Pyranol A13B3B

---

*Miller Seldon Elect.
[illegible]
Detroit, Michigan 48208

Transform Pyranol A13B3B

Mills & Lupton Sup.
Attn Order Serv Dept
Chattanooga, Tenn. 749 E. 12th
37401

Mills & Lupton ~~Muscle~~ T.V.A Owner Dt.
Attn James P. Hickman
Muscle Shoal, Ala. 35660

Inerteen PPO

Mills & Lupton Sup.
749 East 12th St.
Chattanooga, Tenn. 37401

Inerteen 70-30
Inerteen PPO
Transform Pyranol A13B3B

MCL001628

HARTOLDMON0002621

Mail to:
Purchasing Agent

Minn. Mining & Mfg.
P.O. Box 3101
St. Paul, Minn. 55101

Minn. Min. Chemolite
Plant 10 Bldg 26
Siding, Minn. 55101

Inerteen PPO

Minn. Ming & Mfg.
1080 Harvel Ave Bldg 410
St. Paul, Minn. 55115

Transform Pyranol A13B3B

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*Unver of Minn.

Minneapolis, Minn.

Transform Pyranol A13B3B

Mobil Oil Corp.
New York City, N.Y.

Mobil Oil Div.
Beaumont, Texas

Transform Pyranol A13B3B

Monogahela Power Co.
1310 Fairmont Ave
Fairmont, W.V. 26554

*Monogahela Power Co.
Riversville Power Station
Riversville, West Virg. 26554
Attn L.E. Wiet
Inerteen 70-30

Moore Handley Co.
P.O. Box 2607
Birmingham, Ala. 35202

Moore-Handley Hrdw

Mobile, Ala. 36601

Inerteen PPO

Moore Handley

Birmingham, Ala. 35201

Inerteen 100-42

Moore Handley - V.A. Hosp
Chief Supply Div.
Montgomery, Ala. 36108
215 Perry Hill Rd.
Inerteen 70-30

Moore-Handley Hardware

Sheffiel, Ala.

Inerteen 70-30

---

*Moorhead Mach. Co.
Nollestown Rd.
Oakdale Pa. 15071
Transform Pyranol A13B3B

MCL001629

HARTOLDMON0002622

letter not sent ←

*Paul Morrow Co.
[illegible] Basin Road
New Castle, Del. 19720

Inerteen 100-42

Inerteen PPO

---

*Mount Vernon Mills, Inc
Tallassee Mills
Tallassee, Alabama
36078

Inerteen 100-42

---

*Mowbray Engineerg.
P.O. Box 565
Greenville, Ala. 36037

Inerteen PPO

Murphy Oil
[illegible]
El Dorado, Ark [illegible]

Murphy Oil Corp.
P.O. Box 100
Meraux, Louisana 70075

Inerteen 100-42

National Distillers
1815 Central Fidelity Bank Bldg
Richmond, Va. 23219

US Ind. Chem
P.O. DRAWER D
Deer Park, Texas 77536

Transform Pyranol A13B3B

---

*National Electric Co.
296 Broadway
Passiac, N. J. 07055

Transform Pyranol A13B3B

National Gypsum
[illegible]
Buffalo, New York [illegible]

National Gypsum

Kimballton, Va. [illegible]

Transform Pyranol A13B3B

National Steel
Front Plate
Pittsburgh, Pa. 15[illegible]

National Steel
Great Lakes Div
Detroit Michigan 48229
Foot of Tecumseh Enrose
Transform Pyranol A13B3B

National Steel Div
Central Stores Warehouse
Weirton, West Virginia 26062
Half Moon Indust Area
Transform Pyranol A13B3B

MCL001630

HARTOLDMON0002623

Port of New York Auth
111 Eighth Avenue
New York City, New York 10011

Port Of New York Auth
Kennedy Intl Airport Stockroom
Jamica New York 11430
P.A. Admin Bldg Bldg 141
Transform Pyranol A13B3B
Van Wyck Expwy

Port of New York Auth.
Stockroom Central Stockroom
New York City, New York 212
356 W. 16th St. 10014
Inerteen 70-30

Niagara Mohawk Power
200 Erie Blvd. West
Syracuse, New York 13202

Niagara Mohawk Power
P.O. 23
Buffalo, New York 14220

Transform Pyranol A13B3B

Northrup Corp.
Aircraft Div
Hawthorne, Calif. 90250
3901 W. Broadway

Northrup Corp.
Gate No. 10 Receiving
Hawthorne, Calif. 90250 Attn Tipton

Inerteen PPO

Northern States Power
Attn Purchasing Dept
Minn. Minn. 55401
414 Nicollet Mall

Northern States Power
Stores Dept. 1518 Chestnut N.
Minn. Minn. 55403

Transform Pyranol A13B3B

*Northwest Electric
361 West 7th St.
Erie, Pa. 16502

Transform Pyranol A13B3B

*Northwestern Steel
Plant No 2 Receiving
Sterling, Ill. 61081

Transform Pyranol A13B3B

*Northwest Transformer
P.O. Box 66
Everson, Washington 98247

Transform Pyranol A13B3B

teeth not sent ←

* N W L Transformers
220 Emingville Rd.
Trenton, N.J 08638

Inerteen 70-30

MCL001631

HARTOLDMON0002624

*Occidental Chemical
P.O. Box 198
Lathrop, Cal. 95330

Transform Pyranol A13B3B

Octagon Process
596 River Road
Edgewater, N.J. 07020

Transform Pyranol A13B3B

---

*Ohio Power Co.
Muskingum Plant Unit 5
Beverly, Ohio 45715

Transform Pyranol A13B3B

Ohio Power Co.
General Office Acct Dpt
P.O. Box 431
Canton, Ohio 44701

---

*Oklahoma Gas + Electric Co.
General Repair Shop. Bldg C
Okla. City, Ok. 73108
74th + South High Street
Inerteen 70--30

Inerteen PPO

Olin Corp.
P.O. Box 2496
Lake Charles, La. 70601

Transform Pyranol A13B3B

Olin Corp.
463 Park Ave.
New York City, NY 10017

Olin Corp. Aluminum Div
Monroe County
Omal, Ohio 45050

Transform Pyranol A13B3B

Olin Corp
Attn Acctg Div
P.O. Box 164
Hannibal, Ohio 43931

Olin Corp
Same Street
P.O. Box 248
Charleston, Tenn. 37310

Inerteen 70-30

Orlando Armature
606 W. Central Blvd.
Orlando, Fla. 32802

Transform Pyranol A13B3B

Owens Illinois Inc.
2901 Fruitland Ave
Vernon Cal. 90058

Transform Pyranol A13B3B

Owens Ill.
P.O. Box 1035
Toledo, Ohio 43601

MCL001632

HARTOLDMON0002625

Penn. Central ~~XXXXXXXXXX~~

Croton On Hudson, New York 12534

Transform Pyranol A13B3B

Penn Cen & Affiliated
218 Enola Road
Enola, Pa. 70...

Inerteen PPO

Penn Central
Foreman Car Shop
Paoli, Pa. 19301
W. Central Ave.
Inerteen 70-30
Inerteen PPO
Transform Pyranol A13B3B

Penn RR Transport Co.
Lubr - Mat'l A/C Shpmt load
Enola Pa. 17025
218 Enola Rd.
Transform Pyranol A13B3B

Pennwalt Corp. Yeates Division
5500 Tabor Road.
Philadelphia, Pa. 19120

Transform Pyranol A13B3B

---

* P G & E Co. R.A. Jackson -
Rupers Power Plant
Healdsburg, Cal. 95448
Foot of Harmon St.
Transform Pyranol A13B3B

Phelps Dodge Corp.
300 Park Ave
New York City, New York 10022

Phelps Dodge Copper Product Corp
6100 South Garfield Ave
Los Angeles, Cal. 90022

Transform Pyranol A13B3B

Phillips Petroleum Co.
Purchasing Dept.
Bartlesville, Ok. 74003
1245 Adams Building

Phillips Petroleum Co.
Borger Refinery
Borger, Tex. 79066
Attn B.H. Fullion
Transform Pyranol A13B3B

Phillips Petroleum Co.
Chilex Plant
Borger, Texas 79066
c/o H. D. Fortune
Transform Pyranol A13B3B

MCL001633

HARTOLDMON0002626

*Pacific Car & Foun
1400 North 4th Ave,
Renton, Wa. 98055

Inerteen PPO

Pacific Elec. Motor Co.
1009 - 66th Avenue
Oakland, Cal. 94621

Transform Pyranol A13B3B

Pacific Gas & Elec.
245 Market St.
San Fran. Calif. 94105

Pacific Gas-Elec.

Madera, Cal. 93637

Inerteen 100-42

Pacific Petro. Co.
7929 San Leandro St.
Oakland, Calif. 94621

Transform Pyranol A13B3B

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*Pacific Power + Light
1550 S.W. Harbor Way
Portland Ore. 97201

Transform Pyranol A13B3B

---

*Pacific Resins + Chemical
3140 West Mill Road Const
Milwaukee, Wis. 53209

Transform Pyranol A13B3B

---

*Pacific Trans.
2201 Bay Road.
Redwood City, Cal. 94063

Inerteen 70-30

Penn. Central Transportation Co
Purchasing Agent
Phil. Pa. 19104
15 N. 32nd St.

Penn. Central Trns.
54 Meadow St.
New Haven Ct. 06506

Inerteen PPO

Penn Central Trans Co.
Super-Mart A/C Sup Mat'l YAT
Wilmington, Del.
Vandever Ave
Inerteen PPO
Transform Pyranol A13B3B

MCL001634

HARTOLDMON0002627

All Phipps location

acquired by

Babcock Wilcox

Phipps Prod Corp.
Memphis, Tenn. unable to locate in Memphis.
For this location sent to: PAC
18 Oliver St
Boston, Mass.
02110

Phipps ~~Prod~~ Corp. Globe Solvents Co.
Philadelphia, Pa. 7th & Fisher
19104
Inerteen PPO

Phipp~~s~~ Prod. Prime Petroleum
Norfolk, Va. 25th Church St.
Inerteen PPO

---

*Pickands Mather
P.O. Box 308
Kelly Lake, Minn. 55750
Inerteen 70-30

---

*Pitts & Conn~~s~~ Dock Co.
Box 90
Conneaut, Ohio 44034
Transform Pyranol A13B3B

Precision Rubber
3110 Oakridge Dr.
Dayton, Ohio 45417

Precision Rubber
104 Hartmann Drive
Lebanon, Tenn. 37087
Tranform Pyranol A13B3B

Proctor & Gamble Mfg Co.
Buying Dept.
Cinn. Ohio 45201
P.O. Box 599

Proctor-Gamble Mfg Co.
19th + Kansas Ave.
Kansas City, Kansas 66105
Transform Pyranol A13B3B

Proctor & Gamble
169 East Grand
St. Louis, Missouri 63147
Transform Pyranol A13B3B

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*Public Serv of Colo.
P.O. Box 840
Denver, Colo. 80201
Inerteen PPO

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*Pub. Serv. of Okla
P.O Box 201
Tulsa, Okla 74102
Inerteen 70-30

Quaker Oats
345 Merchandise Mart Plaza
Chicago, Ill. 60654

Quaker Oats,
Oregon, Ill. 61061
Transform Pyranol A13B3B

MCL001636
HARTOLDMON0002629

*Rath Packing Co.
P.O. Box 330
Waterloo, Iowa 50704

Transform Pyranol A13B3B

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* R. A. Reed Electin

Los Angeles, Cal. 90059

Inerteen.PPO

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*Republic Aviation FAIRCHILD HILLER
CONKLIN STREET
Farmingdale, NY 11735

Transform Pyranol A13B3B

Republic Steel Corp.
Purchasing Dept. P.O Box 6778
Cleveland, Ohio 44101

Republic Steel Corp
Store Dept - Dist Repair Shop
Alabama City, Ala. 35904 39V

Transform Pyranol A13B3B

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*Resource Control
145 Orange Ave.
Westhaven Conn. 06516

Transform Pyranol A13B3B

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never sent 2-28.
Can't locate.
KL

*Resource Control

Silver Bow, M

Transform Pyranol A13B3B

Rex Chainbelt, Nordberg Div
3073 South Chase Avenue
Milwaukee, Wisc. 53201

Inerteen 70-30

Reynolds Metals,
Rich + Canal
Richmond, Va. 23218

Reynolds Metals Co.
Alsap Plant
~~Sheff Listerhi, Al.~~
Listerhill-Sheffield, Ala.
Transform Pyranol A13B3B 35661

Reynolds Metals

Gum Springs, ~~Ark.~~
Arkadelphia, Ark 71923
Inerteen PPO

Reynolds Metals Co.
South Grasse River Road.
Messena, New York 13662

Transform Pyranol A13B3B

MCL001637

HARTOLDMON0002630

Reynolds Metals Co.
Sherwin Plant
Gregory, Tex. 78359

Inerteen 70-30

Reynolds Metals
P.O. Box 999
Longview, Wa. 98632

HH Robertson
1100M Two Gateway Center
Pittsburgh, Pa. 15222

Transform Pyranol A13B3B

Freeman Chemical
P.O. Box 247
Saukville, Wi 53080

Transform Pyranol A13B3B

Rogers Corp.
Mill Street
Rogers, Conn. 06263

Inerteen PPO

Romanoff Elec. Motor
400 Twenty St.
Tiffin, Ohio 44883

Romanoff Elec Mot
1712 Spruce St.
Defiance, Ohio 43512

Transform Pyranol A13B3B

---

*Royalite Company
101 Burton Street
Flint, Mich 48503

Inerteen 70-30

S & M Electrical Industries
Stokes & Rover Avenue
Trenton, New Jersey 08638

*S & M Electric - Electric Apparatus & Repair Co.
Philadelphia, Pa. 19145
Schuylkill Avenue & Reed St
Inerteen PPO

---

*Sacramento Municipal Utility Dist
Store 1708 59th Street
Sacramento, Cal. 95813
Transform Pyranol A13B3B

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*San Angelo Elec
P.O. 1587
San Angelo, Tex 76901

Transform Pyranol A13B3B

MCL001638

HARTOLDMON0002631

Sandman Elect Co, Inc
660 Parker St.
Boston, Mass 02120

*Sandman Electric Co, Inc.
50 Station St.
Boston, Mass. 02120

Inerteen 70-30

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*San Mateo UN H.S.
650 N. Delaware
San Mateo, Cal. 94401

Transform Pyranol A13B3B

Scott Paper Co.
International Airport
Phila. Pa. 19153
Industrial Highway & Tinicum Island Rd.

Scott Paper Co.
Northeast Div.
Winslow, Maine 04901

Inerteen 70-30

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*Scott W A Eng.
427 Fairmont Ave.
Philadelphia, Pa. 19123

Transform Pyranol A13B3B

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*Seatrain Ship Bldg
Brooklyn Navy Yard Bldg 292
Brooklyn, N.Y. 11205

Inerteen 100-42

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*Sebright Induction Metal Trtg Co
5040 Rose Avenue
Schiller Park, Ill. 60176

Transform Pyranol A13B3B

Sharon Steel Corp
c/o Sharon Steel Mill
Box 357 Sharon, Pa 16146

*Sharon Steel Corp
c/o Sharon Steel Mill
Farrell, Pa. 16121

Transform Pyranol A13B3B

Sheller Globe
1505 Jefferson Ave.
Toledo Ohio 43624

Sheller-Globe Corp
9900 Hampton Blvd
Norfolk Va. 23505

Inerteen PPO

---

*S M Electric Co., Inc.
601 New Brunswick Rd.
Rahway, N.J. 07065

Inerteen PPO

MCL001639

HARTOLDMON0002632

*Mrs. Smiths Oil. Bk.

Silver Springs, Md.

Transform Pyranol A13B3B

---

*Smith Oil Corp.
1102 Kilburn Ave.
Rockford, Ill. 61103

Inerteen PPO

---

*S-M Supply - Jackson Company Iron Works

Black River Falls, Wi 54615

Inerteen 70-30

---

*South Carolina Public Service

Monks Co., S.C. 29461

Transform Pyranol A13B3B

Southwestern Elec. Co.
P.O Box 82578
Okla City, Ok. 73108

Southwestern Elec.
1638 E. First St
Wichita, Kansas 67203

Transform Pyranol A13B3B

Southwest Elec
Post Bldg - Power Division
Okla City, Ok. 6501 S.E. 74th St
73108

Transform Pyranol A13B3B

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*Southwest Elec
P.O. Box 82578
Okla City, Ok 73108

Transform Pyranol A13B3B

Spaulding Fibre
P.O. Box 287
Tonawanda, New York 14150

Spaulding Fibre Co.
Owen Monogram Indust.
North Rox NH 03867 Dock 3

Inerteen 70-30

Spaulding Febre
P.O. Box 287
~~Towanda~~, NY 14150
Tonawanda

Inerteen 70-30

Sperry Rand
1290 Avenue of Americas
New York City, New York 10019

Sperry Rand Corp.
Doyline La. 71023

Transform Pyranol A13B3B

Sperry Rand Corp.
2210 Texas Ave
Shreveport, La. 71102

Transform Pyranol A13B3B

Spring Mills Inc.

Fort Mill, S.C.

Springs Mills, Inc.
P.O. Box 888
Lancaster, S.C. 29720

Inerteen 70-30

A. E. Staley Mfg.
5+10 Bldg c/o Yard.
Decatur, Ill. 62525

Inerteen 70-30

Stand Oil of Calif.
225 Bush St.
San Fran, Cal. 94104

Chevron Oil
500 W. 5th Ave
Panama City, Fl. 32401

Transform Pyranol A13B3B

---

*Stanford Linear
P.O. Box 2203
Menlo Park, Calif. 94025

Inerteen PPO

---

*Sta-rite Industries, Inc
Nathan Eng Dev
Baraboo, Wisc 53913

Transform Pyranol A13B3B

Statler Tissue
P.O. Box 587
Augusta, Maine 04330

Hudson Pulp Paper
Southern Div.
Palatka, Fla. 32077

Transform Pyranol A13B3B

---

*D A Stuart Oil Co.
2727 So Troy St
Chicago, Ill. 60623

Transform Pyranol A13B3B

---

*Sunrest Corp.
112 Beard St.
Brooklyn, NY 11231

Inerteen 70-30

MCL001641

HARTOLDMON0002634

Sunstrand Aviation
4747 Harrison Ave.
Rockford, Ill. 61101

Inerteen PPO

---

*Switchgear Service

Oregon Wi 53575

Inerteen 70-30

---

*Tappan Zee Elect.
311 Main St.
W Nyack, N.Y. 1096.

Transform Pyranol A13B3B

---

*Tennessee Arm Tube Electric
812 West Jackson St
Knoxville, Tenn. 37901

Inerteen PPO
Transform Pyranol A13B3B

---

*Tenn Transformer, Inc
2701 East 31st St.
Chattanooga, Tenn. 37407

Transform Pyranol A13B3B

The Univ. of Tenn.
Power Plant - Lake Loudon Blvd
Knoxville, Tenn. 37916

Inerteen 70-30

---

*Texas Elec Tube Serv.

Colorado Ct. Texas 79512

Transform Pyranol A13B3B

Transformer Serv.
13423 Marlowe
Detroit, Mich. 48227

Transformer Serv. PA Letter sent 3
Monroe, Mich. 48161 PE " 3-1
Not re-sent

Inerteen PPO

Transformer Serv. Inc. P.O. Box 17
Concord Industrial Road
Concord, N.H. 03300

Inerteen 70-30

XXXXXXXXXXXXXXXXXX.

MCL001642

HARTOLDMON0002635

*Transformer Serv of Ohio
224 E. Tallmage Ave
Akron, Ohio 44310

Inerteen 70-30
Inerteen PPO

---

*Trans Rex Div. of Bulton Ind.
2002 S. Artesia Blvd.
Torrance, Cal. 90504

Transform Pyranol A13B3B

---

*Treesweet Products
1000 Reel Ave
Ft. Pierce, Fla. 33450

Transform Pyranol A13B3B

---

*Tri-State Elec Elk. Norman Beatty Mun. Hy
Westville, In 46391

Transform Pyranol A13B3B

---

*Tyson Bearing Co.

Glasgow, Ky 42141

Inerteen PPO

Union Camp Corp.
233 Broadway
New York City, NY 10007

Union Camp Corp.
Camp Div.
Franklin Va. 23851

Transform Pyranol A13B3B

Union Carbide Corp.
270 Park Ave.
New York City, NY 10017

Union Carbide,
P.O. Box 1410
Paducah, KY 42001

Transform Pyranol A13B3B

Union Car Nuclear Div
U.S Atomic Energy Nuc. Div.
Oakridge, Tenn.
Plant Orgd. 37830
Transform Pyranol A13B3B

Union Carbide
Texas City Plant
Texas City, Tex. 77590

Transform Pyranol A13B3B

Union Carb XXXXXXX
P.O. Box 8083
~~Institut~~, West Va. 25303
South Charleston
Inerteen PPO

MCL001643

HARTOLDMON0002636

Union Elec Co.
P.O. Box 149
Maryland Hgts, Mo. 63043

Transform Pyranol A13B3B

Union Oil Co. of Calif
P.O. Box 7600
Los Angeles, Cal. 90054

Transform Pyranol A13B3B

Union Oil Co. of Calif
Los Ang. Refinery Warehouse
Wilmington, Calif 90744 1660 West Anaheim

Transform Pyranol A13B3B

Uniroyal
1230 Ave. Of The Americas
New York City, NY 10020

Uniroyal Joliet Ars
PO Box 871
Joiliet, Ill. 60431

Transform Pyranol A13B3B

*Univ. Machinery & Equip
1630 N. 9th St.
Reading, Pa 19604

Interteen 70-30

Transform Pyranol A13B3B

Universal Oil
30 Algonquin Road
Des Plaines, Ill. 62516

UOP
State Highway Route 17
East Rutherford, N.MX J. 67073

Inerteen 54201CM

letters (2) returned - unable to locate - letters not re sent 3/8/72 tl

*Update Inc.
Rocky Mount, N.C. 27801

Inerteen 70-30

letter retd.

US Govt
Washington D.C. 20013

Dept of Interior US
Page, Ariz. 86040

Transform Pyranol A13B3B

General Service Adm
Richland, Wa. 99352

Transform Pyranol A13B3B

Tenn Valley Author
N. Cumberland, Tenn. 37050
Inerteen 100-42

MCL001644
HARTOLDMON0002637

US Dept. Navy Norfolk Naval Sh.
Receiving Officer Bldg 276
Portsmouth, Va. 23709

Inerteen PPO

US Smelting

Midvale, Utah 84047

US Smelt & Ref & Min

Fierro, N.M. 88041

Inerteen PPO

United States Steel
71 Broadway
NEW York City, NY 10006

US Steel-Fairfield Wire Mill
Mat. Wire Dept. Attn C.W. Fortier
Fairfield, Ala. 35064

Inerteen 70-30

US Steel Chemical
P.O. Box 27
Baytown, Tex. 77520

Inerteen PPO

US Steel Corp.

Gary West Virg. 24836

Inerteen PPO

*Utah International
550 California St.
San Fran, Calif. 94104

Transform Pyranol A13B3B

Valentine Electric
1022 North 7th Street
Belleville, N.J. 07109

*Valentine Elec. Bergen City PE Little Ferry
Sludge Disposal Plant
Little Ferry, N.J. 07643
Orient St. Attn T. Donlay
Inerteen 70-30

*Valley Fair Shopping Center
2801 Stevens Creek Rd.
San Jose, Calif. 95128

Transform Pyranol A13B3B

*Valley Steel Const.
P.O. Box 126
Decatur, Ala. 35601

Inerteen 70-30

*Van Ness Co.
29 Depot St.
Potsdam, NY 13676

Transform Pyranol A13B3B

MCL001645
HARTOLDMON0002638

*Whittaker Elect.
1850 Oark
Muskegon, Mich. 17918

Inerteen 70-30

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*Wilson Elect Inc
115 South East Chilmuel
Bartlesville, Ok
4.1;.3

Inerteen PPO

---

*Wing Elec
7485 Mentor Ave.
Mentor, Ohio 44060

Inerteen 70-30

---

*Woodard Bros.
23 South spokane
Walla Walla, Wa. 99362

Transform Pyranol A13B3B

---

*Youngstown Elec. Service
948 Poland Ave
Youngstown, Ohio 44502

Inerteen 70-30

MCL001646

HARTOLDMON0002639

1. Remind — 69

2. Dialtalk List — PRINTING

3. Dialtone Mfg — POSTAGE

4.

MCL001647

HARTOLDMON0002640

February 17, 1972

To: P. B. Benignus
H. S. Bergen
T. L. Gossage

The attached letter was sent to the following companies:

Mr. Q. V. Smith
E. I. duPont de Nemours
Clinton, Iowa

Hercules, Inc.
P. O. Box 5038
Terre Haute, Indiana
ATTENTION: Mr. C. H. Walton

Mr. Ed Walker
Hercules, Inc.
Research Center
Hercules Rd. & Route 48
Wilmington, Del. 19899

Mr. A. Febbroriello
Peter J. Schweitzer Div.
Kimberly Clark Corp.
Lee, Mass. 01238

Mr. B. W. Schaefer
Kimberly Clark Corp.
Mt. Holly Springs, Pa.

Mr. David R. Schoales
Stevens Paper Company
Westfield, Mass. 01083

Mr. Lanse Richardson
Weyerhaeuser Company
P. O. Box 601
Fitchburg, Mass. 01421

Albany Felt Company
1373 Broadway
Albany, New York 12201

Mr. Ral Hassler
Garlock Packing Company
Palmyra, New York 14522

Westvaco Corp.
Man Station 22
Corington, Va. 24426

Betty Rosier

MCL001648

HARTOLDMON0002641

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

February 22, 1972

Office of the President
Jones & Laughlin Steel Corporation
P. O. Box 1347
Pittsburgh, Pa. 15230

Dear Sir:

We are writing to advise you that Monsanto has adopted certain policies with respect to the further sale and delivery of all polychlorinated biphenyl (PCBs) products including those sold under tradenames such as Aroclor®, Inerteen®, Pyranol®, and under the generic term askarel.

Studies have indicated PCBs may be accumulating in the environment. In some instances PCBs have been found in food or in the food chain. Because of Monsanto's concern over this problem, we have discontinued sales of PCBs in all applications except as dielectric fluids for use in transformers, capacitors, and other electrical equipment and components. In the past, Monsanto has sold these fluids direct to transformer repair shops and to anyone requiring the fluid for top-up of an existing transformer. Monsanto has decided to discontinue direct sales to transformer repair shops and for transformer top-up. For your future requirements of dielectric fluids, we suggest you contact the manufacturer of the transformer for which you desire the fluid.

We sincerely regret any hardships that this decision may cause you, but it has been taken in an effort to continue to make available these products for important electrical applications. If you have any questions relative to this decision, please telephone (314) 694-2513, or write directly to Mr. Paul Benignus, Monsanto Company, P. O. Box 14617, St. Louis, Missouri 63178.

Very truly yours,

T. L. Gossage
Marketing Director
Specialty Products Group

/bi

cc: Mr. R. F. Little
Buyer

MCL001649
HARTOLDMON0002642

Director of Purchases
AAA Products, Incorporated
P. O. Box 35482
Dallas, Texas 75335

Director of Purchases
Academy Die Casting
47 Langstaff Avenue
Edison, New Jersey 08817

Director of Purchases
A&A Die Casting Company
12901 South Western Avenue
Gardena, California 90249

Director of Purchases
Acheson Colloids
Division of Acheson Industries, Inc.
Port Huron, Michigan

Director of Purchases
Abex Corporation
Railroad Products Group
626 Armstrong Avenue
St. Paul, Minnesota 55102

Director of Purchases
Acme Machine Works
North 421 Sycamore Street
Spokane, Washington 99202

Director of Purchases
Abex Corporation
P. O. Box 458
Meadville, Pennsylvania 16335

Director of Purchases
Acme Printing Ink Company
2909 Chrysler Road
Kansas City, Kansas 66115

Director of Purchases
Abex Corporation
Dennison Division
1160 Dublin Road
Columbus, Ohio 43216

Director of Purchases
Acrometal Products Incorporated
616 Fifth Street North
Minneapolis, Minnesota 55401

Director of Purchases
Acro Welder Manufacturing Company
2900 West Green Tree Road
Milwaukee, Wisconsin

Director of Purchases
Aero Titanium Products
6510 Federal Boulevard
Lemon Grove, California 02045

Director of Purchases
Action Manufacturing Company
4567 Bermuda Street
Philadelphia, Pennsylvania 19124

Director of Purchases
Aerojet Liquid Rocket Company
P. O. Box 13222
Sacramento, California 94813

Director of Purchases
Adams Carbide
24141 Ann Arbor Trail
Dearborn Heights, Michigan

Director of Purchases
Aetna Standard Engineering Company
Park Avenue & Second Street
Ellwood City, Pennsylvania 16117

Director of Purchases
Adams Carbide
3100 Industrial Road
Livonia, Michigan 48150

Director of Purchases
Agri Craft Company Incorporated
353 Dawson Drive
Camarillo, California 93010

Director of Purchases
Advance Pressure Casting Corporation
276 Highway 53
Denville, New Jersey 07834

Director of Purchases
Air Equip-Drill
P. O. Box 1664
Bakersfield, California 93302

MCL001651
HARTOLDMON0002644

Director of Purchases
Air Products & Chem
17801 Arenth Avenue
City of Industry, California

Director of Purchases
Ajax Forging & Casting Company
205 Adair Street
Detroit, Michigan 48207

Director of Purchases
Airco Industrial Gases
~~1965 East 28th Street~~
~~Lorain, Ohio 44055~~

Dir. of Purch
Prod. Div.
451 Lex. 10017
Cigna Corp.
Returned
Recvd 2/14

Director of Purchases
Ajax Hardware Manufacturing Corp.
825 Ajax Avenue
City of Industry, California 91747

Director of Purchases
Airco Vacuum Metals
735 Ashby Avenue
Berkeley, California 94710

Director of Purchases
Ajax Magnethermic Corporation
P. O. Box 991
1745 Overland Avenue N. E.
Warren, Ohio 44482

Director of Purchases
Air Reduction Company, Inc.
Central Research Lab
Murray Hill, New Jersey 07971

Director of Purchases
Alabama Oxygen
P. O. Box 308
Bessemer, Alabama 35020

Director of Purchases
Airoyal
43 Newark Way
Maplewood, New Jersey 07040

Alco Machinery and Supply
Director of Purchases
5 Beckman Street
New York, New York 10038

Director of Purchases
Allegheny Ludlum Steel Corporation
Box 5
Brackenridge, Pennsylvania

Director of Purchases

Allied Marine Corporation
2051 North West 11th Street
Miami, Florida 33125

Director of Purchases
Allegheny Ludlum Steel
General Purchasing Division
Oliver Building
Pittsburgh, Pennsylvania 15222

Director of Purchases
Louis Allis Company
21 East Stuart Street
Milwaukee 7, Wisconsin

Director of Purchases
Allied Chemical
Fibers Division
Box 31
Petersburg, Virginia 23803

Director of Purchases
Allis Chalmers
1126 South 70th Street
Milwaukee 1, Wisconsin

Allied Chemical
Director of Purchases
Specialty Chemicals Division
P.O. Box # E
Moundsville, W. Virginia 26014

Director of Purchases
Allis Chalmers Manufacturing Co.
Norwood Works
4620 Forest Avenue
Cincinnati, Ohio 45212

Director of Purchases
Allied Chemical Corporation
North Plant
State Route 2
Moundsville, West Virginia 26014

Director of Purchases
Alloy Die Casting
6550 Cabellero Boulevard
Buena Park, California

MCL001653
HARTOLDMON0002646

Director of Purchases
Alpha Industries, Incorporated
615 Center Avenue
Logansport, Indiana 46947

Director of Purchases
Ambrit Industries
1288 Los Angeles Street
Glendale, California

Director of Purchases
Alton Box Board
P. O. Box 276
Alton, Illinois 62002

Director of Purchases
American Aluminum Incorporated
219 Fifth Street
West Des Moines, Iowa 50265

Director of Purchases
Alton Box Board
Alton Mill,
Cut Street
Alton, Illinois 62002

Director of Purchases
American Aluminum, Incorporated
North Des Moines Street
Webster City, Iowa

Director of Purchases
Aluminum Die Casting Company
3462 San Fernando Road
Los Angeles, California 90065

Director of Purchases
American Bosch Division
Ambac Industries, Inc.
3664 Main Street
Springfield, Massachusetts 01107

Director of Purchases
Aluminum Forge
Altamil Corporation
502 East Alton Street
Santa Ana, California 92707

Director of Purchases
American Can Company
P. O. Box 3748
Modesto, California 95353

Director of Purchases
American Can Company
Route 31
Washington, New Jersey 07882

Director of Purchases
American Gilsonite
P.O. Box 900
Grand Junction, Colorado

Director of Purchases
American Chain and Cable
Louben Division
1729 Sadelwood Boulevard
Akron, Ohio

Director of Purchases
American Manufacturing Company
601 West McKee Street
Greenburgh, Indiana 47240

Director of Purchases
American Chemical
P.O. Box 9247
Long Beach, California 90810

Director of Purchases
American Motors
14250 Plymouth Road
Detroit, Michigan

Director of Purchases
American Compressor Company
11850 East Florence Avenue
Santa Fe Springs, California 90670

Director of Purchases
American Smelting & Refining
P.O. Box 3612
San Francisco, California 94119

Director of Purchases
American Cyanamid Company
P.O. Box 368
Savannah, Georgia

Director of Purchases
American Smelting &
Refining Company
Clover, Missouri

Director of Purchases
Amerock Corporation
4000 Auburn Street
Rockford, Illinois

Director of Purchases
Anadite Incorporated
Martin Machine
2027 Santa Fe
Los Angeles, California

Director of Purchases
Ameron Steel Producing Division
12459 Arrow Highway
Etiwanda, California 91739

Director of Purchases
Anchor Conveyor Division
Standard Alliance Ind., Inc.
6906 Kingsley Avenue
Dearborn, Michigan 48126

Director of Purchases
Ametek Strazza
790 Greenfield Avenue
El Cajon, California 92021

Director of Purchases
Anchor Coupling Company, Inc.
342 North Fourth Street
Libertyville, Illinois 60048

Director of Purchases
Amsted Industries
Amsted Steel Foundries
1700 Walnut Street
Granite City, Illinois 62040

Director of Purchases
Anheuser Busch
The A&E Eagle
c/o Allied Marine Corporation
2051 Northwest 11th Street
Miami, Florida

Director of Purchases
Anaconda Company
25 Broadway
New York, New York 10004

Director of Purchases
Anheuser Busch, Incorporated
721 Pestolozzi Street
St. Louis, Missouri

MCL001656
HARTOLDMON0002649

Director of Purchases
Anixter General Die Caster
6212 Akron Peninsula Road
Peninsula, Ohio 44264

Director of Purchases
Aro Incorporated
Invoice Division
Arnold AFB Station, Tennessee

Director of Purchases
Ansen Automotive
13715 South Western Avenue
Gardena, California 90249

Director of Purchases
Arrow Acme Corporation
411 Prospect
Webster City, Iowa

Director of Purchases
Arcturus Manufacturing Corporation
6001 Arcturus Avenue
Oxnard, California 93030

Director of Purchases
Arrow Aluminum Casting Company
3135 Berea Road
Cleveland 11, Ohio

Director of Purchases
Argonne Laboratory
9700 South Cass
Argonne, Illinois

Director of Purchases
Arrow Diecasting Company
4031 Goodwin Avenue
Los Angeles, California

Director of Purchases
Arnold Air Drilling
P. O. Box 727
Fort Smith, Arkansas 72901

Director of Purchases
Arrowhead Brass Products
5142 Alhambra Avenue
Los Angeles 32, California

MCL001657

HARTOLDMON0002650

Director of Purchases
Ashland Oil and Refining Company
1401 Winchester Street
Ashland, Kentucky

Director of Purchases
Atlanta Gas Light Company
P. O. Box 4569
Riverdale, Georgia 30302

Director of Purchases
Associated Milk Producers, Inc.
P. O. Box 920
Rochester, Minnesota 55901

Director of Purchases
Atlantic Richfield
P. O. Box 2819
Dallas, Texas 75221

Director of Purchases
Athens Foundry Corporation
101 North Main Street
Athens, Pennsylvania 18810

Director of Purchases
Atlantic Richfield
875 North Michigan Avenue
Chicago, Illinois 60611

Director of Purchases
Athens Oil Company
P. O. Box 178
Athens, Tennessee 37301

Director of Purchases
Atlantic Richfield
P. O. Box 250
Richland, Washington 99352

Director of Purchases
Atlantic Die Casting Company
2585 Beaufait Avenue
Detroit 7, Michigan

Director of Purchases
Atlantic Richfield
P. O. Box 958
Gillette, Wyoming 82716

Director of Purchases
Atlantic Steel Company
1365 Mecaslin Street North West
c/o Mill Storeroom
Atlanta, Georgia 30301

Director of Purchases
Badger Die Casting Corporation
201 West Oklahoma Avenue
Milwaukee, Wisconsin 53207

Director of Purchases
Atlas Systems
P.O. Box 496
Parkwater Station
Spokane, Washington 99211

Director of Purchases
Ball Corporation
4000 North Arden Drive
Muncie, Indiana 47302

Director of Purchases
Auto Control Laboratories
Div. Rucker Company, Inc.
5251 West Imperial Highway
Los Angeles, California 90045

Director of Purchases
Ball Corporation
1200 Townline Road
Tre 60 at Jct. 45
Mundelein, Illinois 60060

Director of Purchases
Aves Manufacturing Company
4211 Redwood Avenue
Los Angeles, California 90066

Director of Purchases
Ball Corporation
1856 Nedersonville Road
Asheville, North Carolina

Director of Purchases
Babcock & Wilcox Company
Tubular Products Division
P.O. Box 401
Beaver Falls, Pennsylvania

Director of Purchases
Ballman Engineering
601 International Avenue
Washington, Missouri 63090

HARTOLDMON0002652

Director of Purchases
Barber Coleman Company
1300 Rock Street
Rockford, Illinois

Director of Purchases
Bauer Ind. Sales
611 Dettford Avenue
Dayton , Ohio 45429

Director of Purchases
Barber Die & Tool
4707 West North Avenue
Chicago, Illinois 60639

Director of Purchases
A. J. Baxter Company
10171 West Jefferson
River Rouge, Michigan 49128

Director of Purchases
Baron Blakeslee
Division of Purex Corporation
9445 Ann Street
Santa Fe Springs, California 90670

Director of Purchases
City of Beacon
Commissioner of Accounts
City Office
Beacon, New York 12508

Director of Purchases
Basic Aluminum Castings Company
1325 East 168th Street
Cleveland 10, Ohio

Director of Purchases
Beardsley Piper Division
Pettibone Mullikin Company
2424 North Cicero Avenue
Chicago, Illinois

Director of Purchases
Baso Division
Penn Controls, Incorporated
4000 West Burnham
Milwaukee, Wisconsin

Director of Purchases
Belden Corporation
415 S. Kilpatrick Avenue
Chicago, Illinois 60644

Director of Purchases
Bell & Howell Company
7100 McCormick
Chicago, Illinois

Director of Purchases
Bendix Corporation
Scientific Instruments & Equip. Div.
1775 Mt. Read Boulevard,
Rochester, New York 14603

Director of Purchases
Bellows Valair
1150 Newark Road
Zanesville, Ohio 43701

Director of Purchases
Bendix Corporation
95th & Troost
Kansas City, Missouri

Director of Purchases
Belridge Oil Company
1300 West Fourth Street
Los Angeles, California 90017

Director of Purchases
Bendix Corporation
Scintilla Magneto Division
Sidney, New York

Director of Purchases
Bendix Corporation
11600 Sherman Way
North Hollywood, California

Director of Purchases
Bendix Corporation
Utica Division
211 Seward Avenue
Utica, New York

Director of Purchases
Bendix Corporation
Bendix Products
Aerospace Division
410 West Bendix Drive
South Bend, Indiana 46619

Director of Purchases

Bertram Delco

Kokomo, Indiana

MCL001661

HARTOLDMON0002654

Director of Purchases
Bethlehem Steel Corporation
701 East Third Street
Bethlehem, Pennsylvania

Director of Purchases
Blaw Knox Company
Farmers Bank Building
Pittsburgh, Pennsylvania

Director of Purchases
Big Three Industrial Gas & Equipment Company
P.O. Box 3047-TR
Houston, Texas 77011

Director of Purchases
Blaw Knox Company
Warwood Works
Warwood, West Virginia

Director of Purchases
Black and Decker Manufacturing Co.
Fountain Avenue
Lancaster, Pennsylvania

Director of Purchases
E.W. Bliss
Babcock and Wilcox
1501 Raff Road
Canton, Ohio

Director of Purchases

Blackwell Zinc

Blackwell, Oklahoma 74631

Director of Purchases
Boeing Company
Commercial Airplane Division
P.O. Box 3707
Seattle, Washington 98124

Director of Purchases
Blake Marine
12 Connybrook Road
Montvale, New Jersey 07645

Director of Purchases
Bohn Aluminum & Brass Corporatic
Division Universal American Corp.
E. Maumee Street
Adrian, Michigan

MCL001662
HARTOLDMON0002655

Director of Purchases
The Borden Company
Columbus Coated Fabrics
1280 North Grant Avenue
Columbus, Ohio 43216

Director of Purchases
Brackett Stripping Company, Inc.
P. O. Box 125
Topeka, Kansas 66601

Director of Purchases
Borg Warner Corporation
York Division
P. O. Box 1592
York, New York 17405

Director of Purchases
C. F. Braun
2500 Orange Street
Alhambra, California 91802

Director of Purchases
Borg Warner Corporation
Calumet Steel Division
Box 217
Chicago Heights, Illinois 60411

Director of Purchases
Brewster Company
P. O. Drawer 1095
Shreveport, Louisiana 71102

Director of Purchases
Bossert Manufacturing Corporation
1002 Oswego Street
Utica, New York 13503

Director of Purchases
Bridgeport Brass
30 Grant Street
Bridgeport, Connecticut 06602

Director of Purchases
Bounty Shoes
R. H. Bouligny Company Inc.
433 West Morehead
Charlotte, North Carolina

Director of Purchases
Briggs & Stratton
P. O. Box 700
Milwaukee, Wisconsin 53201

MCL001663

HARTOLDMON0002656

Director of Purchases
Brown Company
Purchasing Department
Berlin, New Hampshire 03570

Director of Purchases
Bucyrus-Erie Company
P. O. Box 56
South Milwaukee, Wisconsin 53172

Director of Purchases
Brunswick Corporation
1700 Messler
Muskegon, Michigan

Director of Purchases
Budd Company
2450 Hunting Park Avenue
Philadelphia, Pennsylvania

Director of Purchases
Brush Beryllium Company
17876 St. Clair Avenue
Cleveland, Ohio 44110

Director of Purchases
Bunting Brass & Bronze Company
715 Spencer Street
Toledo, Ohio 43609

Director of Purchases
B&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

Director of Purchases
C&H Die Casting Incorporated
P. O. Box 1170
Temple, Texas

Director of Purchases
Buckeye Steel Castings Company
2211 Parsons Avenue
Columbus, Ohio

Director of Purchases
CE Refractories
101 Ferry Street
St. Louis, Missouri 63147

Director of Purchases
Cabot Corporation
Stellite Division
1020 West Park Avenue
Kokomo, Indiana 46901

Director of Purchases
The Carborundum Company
P. O. Box 337
Niagara Falls, New York 14302

Director of Purchases
Cabot Corporation
P. O. Box 1101
Pampa, Texas 79065

Director of Purchases
Cargill-Detroit Corporation
1250 Northcooks Road
Clawson, Michigan 48017

Director of Purchases
Calhoun Foundry Company, Inc.
South Clay Street
Homer, Michigan 49245

Director of Purchases
Carling Brewing
9400 Quincy Avenue
Cleveland, Ohio

Director of Purchases
Cameron Iron Works Incorporated
Oil Well Specialists
P. O. Box 1212
Houston, Texas

Director of Purchases
Carpenter Technology Corporation
P. O. Box 662
Reading, Pennsylvania 19603

Director of Purchases
Capstone Industries
P. O. Box 4 060
Corpus Christi, Texas 78408

Director of Purchases
Carrier Air Conditioning Company
Division Carrier Corporation
Box 1264
Syracuse, New York 13201

Director of Purchases
Carter Carburetor Corporation
2840 South Spring Avenue
St. Louis, Missouri

Director of Purchases
Catching Engineer
2101 Roberts Drive
Broadview, Illinois 60153

Director of Purchases
Carter Mech. Incorporated
Box 28
Galion, Ohio 44833

Director of Purchases
Caterpillar Tractor Company
Peoria 3, Illinois

Director of Purchases
Cast All Corporation
229 Liberty Avenue
Mineola, New York 11500

Director of Purchases
Celanese Polymer Company
160 Aterminal Avenue
Clark, New Jersey

Director of Purchases
Cast Forge Company
2440 West Highland Road
Howell, Michigan 48843

Director of Purchases
Central Die Casting & Mfg. Compan
2935 West 47th Street
Chicago, Illinois

Director of Purchases
Catalina Divers
P. O. Box 126
Avalon, California 90704

Director of Purchases
Century Electric Company
1806 Pine Street
St. Louis, Missouri

Director of Purchases
Cerro Corporation
Cerro Copper & Brass Division
Bellefonta, Pennsylvania

Director of Purchases
Chrysler Corporation
Indianapolis Foundry
1100 South Tibb Avenue
Indianapolis, Indiana

Director of Purchases
Char-Lynn Company
15151 Highway Five
Eden Prairie, Minnesota 55345

Director of Purchases
Ciba Pharmaceutical
556 Morris Avenue
Summit, New Jersey 07901

Director of Purchases
Chase Manufacturing
Chase Road
Douglas, Michigan

Director of Purchases
Cincinnati Shaper
P. O. Box 111
Cincinnati, 45211

Director of Purchases
Chemola Mfg. Company
4750 Clinton Drive
Houston, Texas

Director of Purchases
Cities Service Oil
Purchasing Deaprtment
P. O. Box 245
Tulsa, Oklahoma 73102

Director of Purchases
Chicago White Metal Casting Company
5239 West Grand
Chicago, Illinois 60639

Director of Purchases
Cities Service Gas Company
P. O. Box 25128
Oklahoma City, Oklahoma 73125

Director of Purchases
Cities Service
Tampa Agri. Chem Operations
P.O. Box 3269
Tampa, Florida 3360,

Director of Purchases
Clevite Corporation
Cleveland Graphite Bronze Division
Caldwell, Ohio

Director of Purchases
Melroe Company
Clark Equipment
Gwinner, North Dakota

Director of Purchases
Cliquot Club Company
725 Main Street
Millis, Maine 02054

Director of Purchases
Cleveland Crane & Engineering
1271 East 289th Street
Wickliffe, Ohio 44092

Director of Purchases
Clover Casting Company
P.O. Box 565
Redwood Highway South
Cloverdale, California 95425

Director of Purchases
Cleveland Graphite Bronze
Division Clevite Corporation
16800 St. Clair
Cleveland, Ohio 44110

Director of Purchases
Club Monarch Aluminum Division
Standard International Corporation
9205 Detroit Avenue
Cleveland, Ohio 44102

Director of Purchases
Clevite Corporation
Piezoelectric Division
232 Forbes Road
Bedford, Ohio

Director of Purchases
Clyde Equipment and Engr. Company
P.O. Box 1926
Bechtold Station
St. Louis, Missouri

P.O. Box 310
Arnold, Mo. 63010

MCL001668
HARTOLDMON0002661

Director of Purchases
Collins Radio
1930 Hiline Drive
Dallas, Texas 75207

Director of Purchases
Commercial Filters Corporation
415 Indianapolis Avenue
Lebanon, Indiana

Director of Purchases
Collins Radio
Cedar Rapids, Iowa

Director of Purchases
Commodity Steel Processing
6561 East 7 Mile Road
Detroit, Michigan 38234

Director of Purchases
Colorado Interstate Gas Company
P. O. Box 1087
Colorado Springs, Colorado

Director of Purchases
Commonwealth Edison
72 West Adams Street
P. O. Box 767
Chicago, Illinois 60690

Director of Purchases
Colson Company
440 Somerville Avenue
Somerville, Massachusetts 02143

Director of Purchases
Consolidated Aluminum Corporation
1100 Richmond
Jackson, Tennessee

Director of Purchases
Colt Industries
Crucible Magnetics Division
P. O. Box 100
Elizabethtown, Kentucky 42701

Director of Purchases
Consolidated Edison Company
of New York, Incorporated
4 Irving Place
New York, 3 New York

MCL001669

HARTOLDMON0002662

Director of Purchases
Constellation Steel Mill Equipment
200 West North Bend Road
Cincinnati, Ohio 45216

Director of Purchases
Continental Can, Co., Inc.
2727 West Higgins
Elk Grove Village, Illinois

Director of Purchases
Continental Can Company, Incorporated
1517 South Gertrude Place
Santa Ana, California

Continental Can Company, Inc.
Director of Purchases
11725 West 85th Street
Lenexa, Kansas 66215

Director of Purchases
Continental Can Company, Incorporated
Bond Crown & Cork Division
16th & Locust Streets
Wilmington, Delaware

Director of Purchases
Continental Can Company, Inc.
7100 East Baltimore Street
Baltimore, Maryland

Director of Purchases
Continental Can Company, Incorporated
135 South La Salle Street
Chicago 3, Illinois

Director of Purchases
Continental Can Company, Inc.
300 Ryders Lane
Milltown, New Jersey 08850

Director of Purchases
Continental Can Company, Incorporated
P. O. Box 1419
Clarksburg, West Virginia 26301

Director of Purchases
Continental Can Company, Inc.
170 Circle Drive North
Piscataway, New Jersey 08824

Continental Can Company, Inc.
Director of Purchases
19801 Holland Road
Cleveland, Ohio 44142

Director of Purchases
Continental Steel Corporation
South Plant
Kokomo, Indiana

Director of Purchases
Continental Can Company, Inc.
95 West Cresentville Road
Cincinnati, Ohio 45246

Director of Purchases
Copperweld Steel
Ohio Sheet Tube Division
Shelby, Ohio 44875

Director of Purchases
Continental Can Company, Inc.
4848 Giuton
P.O. Drawer 22085
Houston, 27, Texas

Director of Purchases
Countrys Delight Milk
Division of Certified Grocers of Ill.
5332 Southwestern Avenue
Chicago, Illinois 60609

Director of Purchases
Continental Emsco
P.O. Box 1522
Houston, Texas 77002

Director of Purchases
L.M. Cox Manufacturing Company
P.O. Box 476
Santa Ana, California

Director of Purchases

Continental Machines Incorporated

Savage, Minnesota 55378

Director of Purchases

Crane Company

4100 South Kedzie Avenue

Chicago, Illinois 62632

HARTOLDMON0002664

Director of Purchases
Crane Company
Airport Road
Jonesboro, Arkansas 72401

Director of Purchases
Custom Beverage & Canners
P. O. Box 1048
Charlotte, North Carolina 28201

Director of Purchases
Crist Machinery & Supply
Plateau Supply Incorporated
P. O. Box 563
Albuquerque, New Mexico 87103

Director of Purchases
Cuyahoga Industries Division
Basic Aluminum Castings Co.
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Crucible Steel Company of America
Sanderson Halcomb Works
Syracuse, New York

Director of Purchases
Cyclops Corporation
Empire Reeves Steel Division
913 Bowmen Street
Mansfield, Ohio 44901

Director of Purchases
W. F. Curlee Manufacturing Company
~~P. O. Box 776~~ 2810 Mowrey Rd.
Houston, Texas

Returned
Sent 2/28

Director of Purchases
Daca Company
314 312 Carleton Avenue
Maryville, Michigan

Returned
Resent 2/28

Director of Purchases
Curtis Manufacturing
1905 Kienlen Avenue
St. Louis, Missouri 63133

Director of Purchases
Daisy Heddon Division
Victor Compometer Corporation
Rogers, Arkansas 72756

MCL001672

HARTOLDMON0002665

Director of Purchases
Dallas Die Casting Company
334 Rock Island Street
Dallas, Texas

Director of Purchases
Dayton Malleable Iron
3931 South Dixie Highway
Dayton, Ohio 45439

Director of Purchases
Dana Corporation
Perfect Circle Sleeve Division
Route 35 West
P. O. Box 990
Richmond, Indiana 47374

Director of Purchases
Deering Milliken, Incorporated
P. O. Box 1838
Spartanburg, South Carolina 29301

Director of Purchases
Dana Corporation
4100 Bennett Road
Toledo 1, Ohio

Director of Purchases
De Laval Manufacturing Company
811 Fourth Street
West Des Moines, Iowa

Director of Purchases

Davis Fire Brick Company

Oak Hill, Ohio 45556

Director of Purchases
De Laval Separator Company
350 Dutchess Turnpike
Poughkeepsie, New York 12602

Director of Purchases
J. H. Day Company
Cleveland Automatic Machine Company
Division
4932 Beech
Cincinnati 12, Ohio

Director of Purchases
Delmar Die Casting
17250 South Main
Gardena, California 90247

HARTOLDMON0002666

Director of Purchases
Delta Die Casting
217 Fay Avenue
Addison, Illinois 60101

Director of Purchases
Diamond Shamrock
Belle West, Virginia 25015

Director of Purchases
City of Detroit
City Controller
1110 City-County Building
Detroit, Michigan 48226

Director of Purchases
Die Cast Corporation
415 Cleveland Avenue
Sheboygan Falls, Wisconsin

Director of Purchases
A. P. De Sanno & Sons Incorporated
Phoenixville, Pennsylvania

Director of Purchases
Die Cast Manufacturing
10148 Rust Street
El Monte, California 91733

Director of Purchases
Diamond Chain Company
402 Kentucky Avenue
Indianapolis, Indiana

Director of Purchases
Dive Shop
110 West Main Street
Bayshore, New York 11706

Director of Purchases
Diamond Metal Alloys
P. O. Box 2119
Houston, Texas 77001

Director of Purchases
Divers Equipment
5800 Barrymore
Kansas City, Missouri 64134

Director of Purchases

Dix Line Casket Hardware Company

Galva, Illinois

Director of Purchases
Dow Chemical Company
P. O. Box 752
Russellville, Arkansas 72801

Director of Purchases
Dort Manufacturing Company
3283 South Dort Highway
Flint, Michigan 45807

Director of Purchases

Dow Chemical Company

P. O. Box 1724

Midland, Michigan

Director of Purchases

Double A Products Company

Manchester, Michigan

Director of Purchases
Dravo Corporation
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Dover-Hunter-Hays Company
106 Buena Vista S. E.
Alburquerque, New Mexico

Director of Purchases
Dresser Industries
P. O. Box 7247
Dallas, Texas 57209

Director of Purchases
Down Industrial Service
428 Thatcher Drive
Box 2429
Youngstown, Ohio 44509

Director of Purchases
Drumheller Tool & Die Company
7312 Elmo
Tujunga, California 91042

Director of Purchases
Dryad Die Casting Corporation
North Avenue
Manchester, New York

Director of Purchases
Dutton-Lainson Company
1601 West Second Street
Hastings, Nebraska 68901

Director of Purchases
Duncan Industries Incorporated
751 Pratt Boulevard
Elk Grove Village, Illinois 60007

Director of Purchases
Dynamic Forge Corporation
Oxford, Nebraska

Director of Purchases
E.I. Du Pont de Nemours & Co., Inc.
Purchasing Department
Room 6074
Wilmington, Delaware

Director of Purchases
Eagle Iron Works
P.O. Box 934
Des Moines, Iowa 50304

Director of Purchasing
Duquesne Light
General Purchasing Department
Elrama, Pennsylvania 15038

Director of Purchases
East Chicago Machine Tool Corp.
4801 Railroad Avenue
East Chicago, Indiana 46312

Director of Purchases
Durrum Instruments
3950 Fabian Way
Palo Alto, California 94303

Director of Purchases
Eastern Castings
64 South William
Newburgh, New York 12550

HARTOLDMON0002669

Director of Purchases
Eastland Industries, Incorporated
P.O. Box 190
Eastland, Tx. 76448

Director of Purchases
E G & G Incorporated
P. O. Box 294
San Ramon, California 94583

Director of Purchases
Eastman Kodak Company
Kodak Part Works
543 State Street
Rochester 4, New York

Director of Purchases
E & H Specialties
1907 College Wood
Ypsilanti, Michigan 48197

Director of Purchases
Eaton Corporation
Char-Lynn Plant
15151 Highway 5
Eden Prairie, Minnesota 55343

Director of Purchases
Elano Corporation
2455 Dayton Xenia Road
Xenia, Ohio 45385

Director of Purchases
Eaton Corporation
1111 East 200th Street
Cleveland, Ohio

Director of Purchases
Electric Energy Incorporated
P. O. Box 165
Joppa, Illinois 62953

Director of Purchases
Eaton Yale & Towne, Incorporated
Eaton Valve Division
463 North 20th Street
Battle Creek, Michigan

Director of Purchases
Electrical Products Division
Midland Ross Corporation
2210 South David Street
Los Angeles, California 90022

Director of Purchases
Electrolux Corporation
Division Consolidated Foods Corporation
51 Forest Avenue
Old Greenwich, Connecticut 06870

Director of Purchases
Emerson Electric Company
In-Sink-Erator Division
4700 21st Street
Racine, Wisconsin

Director of Purchases
Elliott Company
North Fourth Street
Jeanette, Pennsylvania 15644

Director of Purchases
Empire Adhesives
70 Concord Street
North Reading, Massachusetts 0186

Director of Purchases
El Paso Natural Gas
P. O. Box 1492
El Paso, Texas

Director of Purchases
Empire Die Casting Company
19800 Miles Avenue
Cleveland, Ohio 44128

Director of Purchases
The Elwell-Parker Electric Company
4205 St. Clair Avenue
Cleveland, Ohio 44103

Director of Purchases
Empire Plow Company
3140 East 65th Street
Cleveland, Ohio 44127

Director of Purchases
Mr. R.E. Petering
Emerson Electric Mfg. Company
Turrett Division
810 Florissant Avenue
St. Louis, Missouri

Director of Purchases
Erickson Corporation
211 St. Anthony Boulevard N.E.
Minneapolis, Minnesota

MCL001678

HARTOLDMON0002671

Director of Purchases
Erie Mining
Box 947
Hoyt Lake, Minnesota 55750

Director of Purchases
Excello Corporation
945 East State Street
Greenville, Ohio

Director of Purchases
Esco Corporation
2141 N.W. 25th Avenue
Portland, Oregon

Director of Purchases
Fan Steel Incorporated
Route 5
Box 238
Muskogee, Oklahoma 74401

Director of Purchases
Essex International Company
Polymer Division
2816 North Main Street
Rockford, Illinois 61103

Director of Purchases
Farrell Cheek Steel Company
710 Lane Street
Sandusky, Ohio 44870

Director of Purchases
Essex International
P.O. Box 278
618 Fourth Street
Three Rivers, Michigan 49193

Director of Purchases

Fate-Root Heath Company

Plymouth, Ohio 44865

Director of Purchases
Ethyl Corporation
1600 West 8 Mile Road
Ferndale, Michigan 48220

Director of Purchases
Federated Metals
P.O. Box 24038
Houston, Texas 77029

Director of Purchases
Federal Mogul Division
Federal Mogul Corporation
451 County Line Road
Mooresville, Indiana 46158

Director of Purchases
Florida Steel Corporation
P.O. Box 3321
Tampa, Florida 33601

Director of Purchases
Federal Mogul
2310 S. Industrial Highway
Ann Arbor, Michigan

Director of Purchases
Florida Steel
P.O. Box 518
Indiantown Electric Steel Mill
Indiantown, Florida 33456

Director of Purchases
Federal Screws Works, Incorporated
3401 Martin Avenue
Detroit, Michigan 48210

Director of Purchases
Fluid Controls Incorporated
P.O. Box 49
Mentor, Ohio 44060

Director of Purchases
Feem Products Incorporated
P.O. Box 242
Iola, Kansas 66749

Director of Purchases
Foote Mineral Company
Kemco Operation
Commercial Alley
Keokuk, Iowa 52632

Director of Purchases
University of Southern Florida
4202 Fowler Avenue
Tampa, Florida 33620

Director of Purchases
Ford Motor Company
Box 458
Dearborn, Michigan

Director of Purchases
Formex Company
Austin Street
P. O. Box 330
Greenville, Tennessee

Director of Purchases
Gedney Electric Company
Main Street
Terryville, Conn. 06786

Director of Purchases
Ft. Smith Industrial Foundation Corp.
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
General Cable Corporation
500 High Street
Perth Amboy, N. J.

Director of Purchases
Fraser Machine Products
6338 Lindmar Drive
Goleta, California 92017

Director of Purchases
General Electric
Accounts Payable
Building 5, Room 137
Louisville, Kentucky 40225

Director of Purchases
J. L. French Corporation
3101 S. Taylor Drive
Sheboygan, Wisconsin

Director of Purchases
General Electric
1731 Edsall Avenue
Ft. Wayne, Indiana 46803

Director of Purchases
Gardner Denver Company
Gardner Expressway
Quincy, Illinois 62301

Director of Purchases
General Electric
Aerospace Electronics
Accounts Payable Dept.
Box 459
Utica, New York 13503

Director of Purchases
General Electric Company
Apparatus Service Shop
156 Circle Freeway Drive
Cincinnati, Ohio 45246

Director of Purchases
General Electric
Service Shop
175 Milens Road
Tonawanda, New York 14150

Director of Purchases
General Electric
Lamp Metals & Components
21800 Tungsten Road
Cleveland, Ohio 44117

Director of Purchases
General Motors Corporation
Delco Battery Operations
Delco Remy Division
1201 North Magnolia
Anaheim, California

Director of Purchases
General Electric Company
4811 Chaffey Access Road
Fort Smith, Arkansas

Director of Purchases
General Motors Corporation
Delco Remy Division
P. O. Box 2439
Accounts Payable Department
Anderson, Indiana 46011

Director of Purchases
General Electric
1801 South 12th Street
Allentown, Pa. 18103

Director of Purchases
General Motors Corporation
Delco Radio Division
Kokomo, Indiana

Director of Purchases
General Electric
Atomic Power Equipment Department
P. O. Box 254,
2151 South First Street
San Jose, California

Director of Purchases
General Motors
Central Foundry Division
77 West Center Street
Saginaw, Michigan 48605

MCL001682

HARTOLDMON0002675

Director of Purchases
General Motors Corporation
Chevrolet Motors Division
Roosevelt Town
Massena, New York 13662

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
Attn: Financial Dept.
P. O. Box 460
Massena, New York 13662

Director of Purchases
General Motors Corporation
Delco Remy Division
Accounts Payable Department
Anderson, Indiana 46014

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
P. O. Box 21
Buffalo, New York 14240

Director of Purchases
General Motors Corporation
Proving Grounds
Accounts Payable
Milford, Michigan 48042

Director of Purchases
General Motors Corporation
Chevrolet Bay City Plant
100 Fitzgerald Street
Bay City, Michigan 48706

Director of Purchases
General Motors Corporation
Buick Motor Division
Hamilton Avenue
Flint, Michigan

Director of Purchases
GMC Chevrolet Motor Division
Buffalo Plant
1001 East Delavan Avenue
P. O. Box 972
Buffalo, New York 14240

Director of Purchases
Pontiac Motor Division
Box 55
Pontiac, Michigan

HARTOLDMON0002676

Director of Purchases
General Motors Corporation
Chevrolet-Saginaw Grey Iron Foundry
10th and Washington
Saginaw, Michigan

Director of Purchases
General Dynamics Corporation
P. O. Box 748
Fort Worth, Texas 76101

Director of Purchases
General Motors Corporation
Central Foundry Division
77 West Center Street
Saginaw, Michigan

Director of Purchases
General Shale Products, Incorporated
P. O. Box 96
Morresville, Indiana 46158

Director of Purchases
General Motors Corporation
Definace Plant
Definace, Ohio

Director of Purchases
Georgetown Steel
P. O. Box 619
Georgetown, South Carolina 29440

Director of Purchases
General Motors Corporation
New Doparture
Hyatt Bearings
Sandusky, Ohio 44871

Director of Purchases
Gerard Metal Craftsman
151 West Rosecrans Avenue
Gardena, California 90247

Director of Purchases
General Casting Corporation
Route 6
Jefferson Valley, New York 10535

Director of Purchases
Gerity Schultz Corporation
1810 Clinton Street
Toledo, Ohio 43607

MCL001684

HARTOLDMON0002677

Director of Purchases
Getty Oil Company
4201 Wilshire Boulevard
Tidewater Building
Los Angeles, 5 California

Director of Purchases
Glass Rock Products
2710 Marietta Boulevard N. W.
Atlanta, Georgia 30319

Director of Purchases
Getty Oil Company
P. O. Bin H
Taft, California 93268

Director of Purchases
Glass City Tool and Die Company
5202 Enterprise Boulevard
Toledo, Ohio 43612

Director of Purchases
Getty Oil Company
P. O. Box 954
Coalinga, California

Director of Purchases
Glen-Gery Corporation
P. O. Box 1656
East Canton, Ohio 44730

Director of Purchases
Gilmore Industries Inc.
3355 Richmond Road
Cleveland, Ohio 44122

Director of Purchases
Glenvale Products Division
Hoover Ball Bearing Company
P. O. Box 220
Malvern, Arkansas 72104

Director of Purchases
GIM Metal Products Inc.
164 Glen Cove Road
Carle Place, New York 11514

Director of Purchases
Global Supply
P. O. Box 1523
Houston, Texas 77001

Director of Purchases
Globe Industries Incorporated
1784 Stanley Avenue
Dayton 4, Ohio

Director of Purchases
Goulds Pumps Incorporated
Seneca Falls, New York 13148

Director of Purchases
Golden Foundry Company
1616 10th Street
Columbus, Indiana 47201

Director of Purchases
Grand Steel & Mfg. Company
1400 West 14 Mile Road
Clawson, Michigan 48017

Returned
Out of Business

Director of Purchases
The Goodyear Tire & Rubber Co.
Akron, Ohio 44315

Director of Purchases
Granite City Steel Company
Granite City, Illinois

Director of Purchases
Goslin-Birmingham, Incorporated
8th Avenue and 33rd Street North
Birmingham, Alabama 35222

Director of Purchases
Great Lakes Carbon Corporation
P. O. Box 2868
Carondelet Station
526 East Catalin Street
St. Louis, Missouri 63111

Director of Purchases
Gould Incorporated
Clevite Bearing Division
17000 St. Claire Avenue
Cleveland, Ohio 44110

Director of Purchases
Great Lakes Gas Transmission Compa
One Woodward Avenue
Detroit, Michigan 48226

MCL001686

HARTOLDMON0002679

Director of Purchases
Great Western Sugar Company
Terminal Annex
P.O. Box 5308
Denver, Colorado

Director of Purchases
Gulf Coast Aluminum Corporation
P. O. Box LL
Lake Charles, Louisiana 70601

Director of Purchases

A.P. Green Refractories

Mexico, Missouri 65265

Director of Purchases
Gulf Oil Corporation
P. O. Box 1166
Gulf Building
Pittsburgh, 40, Pa.

Director of Purchases
Griffin Pipe Products Company
R.D. Plant
1100 West Front Street
Florence, New Jersey 08518

Director of Purchases
Gulf States Tube Corporation
P. O. Box 952
Rosenberg, Texas 77471

Director of Purchases
Grinnell Corporation
P. O. Box 59
Columbia, Pennsylvania 17512

Director of Purchases
Hallenberger Incorporated
P. O. Box 5085
Evansville, Indiana 47711

Director of Purchases
Grotnes Machine Works Incorporated
5454 North Wolcott
Chicago, Illinois 60640

Director of Purchases
Hamco Division
Kayex Corporation
1000 Millstead Way
P. O. Box 8920
Rochester, New York 14624

Director of Purchases
Harvey Aluminum
P. O. Box 8
Lewisport, Kentucky 43251

Director of Purchases

Hanna Nickle Smelting Company

Riddle, Oregon 97469

Director of Purchases
Harvey Aluminum Incorporated
19200 South Western Avenue
Torrance, California 90509

Director of Purchases
H. M. Harper Company
8200 Le High Avenue
Morton Grove, Illinois 60053

Director of Purchases
Harvey Aluminum Reduction Division
P. O. Box 711
The Dalles, Oregon

Director of Purchases
Harrison Machine Company
3118 Station Road
P. O. Box W 67
Wesleyville, Erie, Pa. 16510

Director of Purchases
H. L. Harvill Manufacturing Company
24201 Orange Avenue
Perris, California

Director of Purchases
Harvey Aluminum of Washington
Star Route 677
P. O. Box 677
Goldendale, Washington 98620

Director of Purchases
Hatco Chemical Division
W. R. Grace & Company
King George Post Road
Fords, New Jersey, 08863

Director of Purchases
W. R. Grace & Company
Nitrogen Products
P. O. Box 277
Memphis, Tennessee 38101

Director of Purchases
Heat & Control
225 Shaw Road
San Francisco, California 94080

Director of Purchases
Havenly Products Company
Box 222
St. Clair Shores, Michigan

Director of Purchases
Heisler Machine & Tool Company
224 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Hawthorne Melody Farms Dairy
4201 West Chicago Avenue
Chicago, Illinois 60651

Director of Purchases
Helmerich & Payne Intl.
Utica & 21st Street
Tulsa, Oklahoma 74114

Director of Purchases
Hays Manufacturing Company
12th and Liberty Streets
Erie, Pennsylvania 16512

Director of Purchases
Hercules Incorporated
Radford Arsenal
Radford, Virginia

Director of Purchases
Peter Healey Brass Foundry Inc.
P. O. Box 4163
Station A
Evansville, Indiana 47711

Director of Purchases
Hewlett Packard Company
1401 Page Hill Road
Palo Alto, California 94304

MCL001689

HARTOLDMON0002682

Director of Purchases
High Voltage Power Corporation
Walk Up Drive
Westboro, Ma. 01581

Director of Purchases
Honeywell Incorporated
17300 South Western Boulevard
Gardena, California 90427

Director of Purchases
Hilliard Corporation
100 West 4th Street
Elmira, New York 14902

Director of Purchases
Honeywell Incorporated
Ordnance Division
600 2nd Street North
Hopkins, Minnesota

Director of Purchases
Hitchcock Industries, Incorporated
8701 Bloomington Avenue South
Minneapolis, Minnesota

Director of Purchases
Hooker Chemical Corporation
P. O. Box 344
Niagara Falls, New York

Director of Purchases
Holly Hydraulics Incorporated
Monmount Road
Rd. 1
Mt. Holly, New Jersey 08060

Director of Purchases
Hopping Foundry
367 Arroyo Parkway
Pasadena, California

Director of Purchases
Holt Industries, Inc.
5221 Lincolm Boulevard
Venice, California

Director of Purchases
Hot Springs Brass and Foundry Co.
418 Cleveland Street
Hot Springs, Arkansas 71901

HARTOLDMON0002683

Director of Purchases
E. F. Houghton & Company
300 West Lehigh Avenue
Philadelphia 33, Pennsylvania

Director of Purchases
Hugle Industries
625 North Pastoria Avenue
Sunnyvale, California 94086

Director of Purchases
Houston Systems Mfg.
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Humble Oil & Refining Company
Benicia Refinery
Benicia, California

Director of Purchases
Howmet Corporation
Aluminum Division
P. O. Box 1167 TR
Lancaster, Pennsylvania 17604

Director of Purchases
Hunt Wesson Foods Incorporated
Glass Container Corporation
P. O. Box 3758
Term Annex
Los Angeles, 54, California

Director of Purchases
Huckins Tool & Die Company
1010 Prairie Avenue
Southbend, Indiana 46621

Director of Purchases
Hunt Wesson Foods Incorporated
4421 West 31st Street
Chicago, Illinois

Director of Purchases
Huffaker Plumbing and Heating Co.
725 Front Street
Troy, Ohio 45373

Director of Purchases
Hyatt Die Casting & Engineering Co.
4656 Lincoln Avenue
Cypress, California 90630

MCL001691

HARTOLDMON0002684

Director of Purchases
Hydranamics Systems Corporation
19613 81st Street South
Kent, Washington

Director of Purchases
Illinois Brick Company
Block Plant 2
1234 Rd. and California
Blue Island, Illinois

Director of Purchases
Hydraulic & Air Equipment Company
1925 N.W. Quimby Street
Portland, Oregon 97209

Director of Purchases
Illinois Lock Company
301 West Hintz Road
Wheeling, Illinois 60090

Director of Purchases
Hydraulic Service Company
522 Township Line Road
Cheltenham, Pennsylvania 19012

Director of Purchases
Impact Die Casting Corporation
1212 East Sixth Street
Sandwich, Illinois

Director of Purchases
Hydro Conduit Corporation
P.O. Box 939
Corona, California 91720

Director of Purchases
Inductotherm Corporation
10 Indel Avenue
Rancocas, New Jersey 08073

Director of Purchases
Ideal Fishing Float Company, Inc.
2001 East Franklin Street
Richmond 3, Virginia

Director of Purchases
Industrial Castings Incorporated
9400 Meech Avenue
Cleveland, Ohio 44105

Director of Purchases
Ingersoll-Rand Company
Industrial Park
Campbellville, Ky. 42718

Director of Purchases
Interlakes Engineering
39200 Groesbeck Highway
Mt. Clemens, Michigan 48043

Director of Purchases
Intermarine Services, Incorporated
7016 North Loop East
Houston, Texas 77028

Director of Purchases

Ingram Richardson, Inc.

Frankfort, Indiana 46041

Director of Purchases
IMB Corporation
Monterey & Cottle Roads
San Jose, California 95114

Director of Purchases
International Cast Products, Inc.
1505 West 139th Street
Gardena, California

Director of Purchases
Interlake Steel Corporation
135th & Perry Avenue
Chicago, Illinois 60627

Director of Purchases
International Harvester Company
Melrose Park Works
10400 West North Avenue
Melrose Park, Illinois

MCL001693

HARTOLDMON0002686

Director of Purchases
International Paper Company
Southern Kraft Division
P. O. Box 2448
Mobile, Alabama 36601

Director of Purchases
ITT Controls and Instruments
801 Allen Avenue
Glendale, California

Director of Purchases
International Tool and Supply Company
P. O. Box 3292
Houston, Texas 77001

Director of Purchases
ITT Federal Support Services, Inc.
Federal Building
Box 100
Richland, Washington 99352

Director of Purchases
Ireco Industries Incorporated
1300 Bethel Drive
P. O. Box 2709
Eugene, Oregon 97402

Director of Purchases
ITT Rayonier Incorporated
P. O. Box 299
Hoquiam, Washington 98550

Director of Purchases
Town of Islip
County of Suffolk
Town Hall, Main Street
Islip, New York 11751

Director of Purchases
Jackes-Evans Manufacturing Co.
11737 Administration Drive
West Port Industrial Park
St. Louis, Missouri 53141

Director of Purchases
ITT Cannon Electric Company
666 East Dryer Road
Santa Ana, California

Director of Purchases
Jade Corporation
3063 Philmont Avenue
Bethayres, Pennslyvania 19006

Director of Purchases
Joslyn Stainless Steel
1701 McKinely Avenue
Ft. Wayne, Indiana

Director of Purchases
JMP Air Company
Lake Tenikeler
Star Route
Vian, Oklahoma 74926

Director of Purchases
The Joyce-Cridland Company
1st & Hott Streets
Dayton, Ohio 45403

Director of Purchases
Ben Johnson Associates, Inc.
460 South 1st Street
Bangor, Pennsylvania 18013

Director of Purchases
Julian Aluminum Foundry Company
13651 Helen
Detroit, Michigan 49212

Director of Purchases
Jones Boat Yard
3399 N. W. So. River Drive
Miami, Florida

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 89
Oakland, California 94604

Director of Purchases
E. M. Jorgensen Steel Company
8531 East Marginal Way South
Seattle, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 6217
Spokane 28, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
3400 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Kawneer Company
P.O. Box 516
Jonesboro, Georgia 20236

Director of Purchases
Kamin Die Casting
3315 North Knox
Chicago, Illinois 60641

Director of Purchases
M.W. Kellogg Company
711 Third Avenue
New York, New York

Director of Purchases
Kason Hardware Corporation
Colesville Road
Binghamton, New York 13902

Director of Purchases
Kelsey Hayes Company
38481 Huron River Drive
P.O. Box 98
Detroit, Michigan 48174

Director of Purchases
Kasper Foundry Company
P.O. Box 549
Elyria, Ohio 44035

Director of Purchases
Kenco Die Casting and Engineering C
14418 S. San Pedro Street
Gardena, California 90247

Director of Purchases
Kawecki Chemical Company
Wenatchee Works
P.O. Box 1704
Wenatchee, Washington 98801

Director of Purchases
Kennametal Incorporated
Labrobe, Pennsylvania 15650

Director of Purchases
Kennecott Copper Corporation
161 East 42nd Street
New York, New York 10017

Director of Purchases
Kiekaefer Mercury Division
Brunswick Corporation
1939 Pioneer Road
Fond du Lac, Wisconsin

Director of Purchases
Kerr McGee Corporation
c/o American Potash & Chemical Corp.
Kerr McGee Building
Oklahoma City, Oklahoma 73102

Director of Purchases
Kipstron Incorporated
1143 Furton S.E.
Grand Rapids, Michigan 49507

Director of Purchases
Keystone Brass Works Incorporated
944 West 12th Street
Erie, Pennsylvania 16512

Director of Purchases
Kitchen Quip Incorporated
Waterloo, Indiana

Director of Purchases
Keysonte Steel & Wire Company
6900 S. Adams Street
Peoria 7, Illinois

Director of Purchases
Koppers Company
Koppers Building
Room 1322
Pittsburgh, Pa. 15219

HARTOLDMON0002690

Director of Purchases
Kux Machine Corporation
2100 South Wolf Road
Des Plaines, Illinois

Director of Purchases
City of Lakeland
Division of Larsen Power Plant
Lackland, Florida

Director of Purchases
Kyle Machine Works
6928 Commerce Street
El Paso, Texas

Director of Purchases
Lansco Diecasting
9630 East Fern
South El Monte, California 91733

Director of Purchases
Laclede Gas Company
Purchasing Department
Drawer 9, Central Station
St. Louis, Missouri 63188

Director of Purchases

Latrobe Steel Company

Latrobe, Pennsylvania

Director of Purchases
Laclede Steel Company
Arcade Building
St. Louis, Missouri

Director of Purchases
Lectromelt Corporation
P. O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases

Lacledo Steel

Alton, Illinois

Director of Purchases
Lester Engineering Company
2711 Church Street
Cleveland, Ohio 44113

Director of Purchases
Lester Industries, Incorporated
P. O. Box 46309
Bedford, Ohio 44146

Director of Purchases
E. C. Ernst Incorporated
c/o L. Jones & Laughlin
Blast Furnace Crow Island
West Aliquippa, Pa. 15001

Director of Purchases
Leydold-Heraeus
Seco Road
Monroeville, Pennsylvania 15416

Director of Purchases
Litton Industries Incorporated
Ingalls East Division
P. O. Box 149
Pascagoula, Mississippi

Director of Purchases
Libby Owens Ford Company
811 Madison Avenue
Toledo, Ohio

Director of Purchases
L&L Whitemetal Casting Corporation
480 Gotham Parkway
Carlstadt, New Jersey 07072

Director of Purchases
Lindberg Corporation
Furnace Division
1211 East Fewer Road
Schauburg, Illinois 60172

Director of Purchases
Jones & Laughlin Steel Corporation
SE Corner 3rd Avenue & Ross
Pittsburgh, Pa.

Director of Purchases
Ling Temco Vought Corporation
c/o J&L Steel Corporation
Hennepin Works Division
Hennepin, Illinois 61327

Director of Purchases
Lockheed-California
3220 Thornton Avenue
Burbank, California 91503

MCL001699

HARTOLDMON0002692

Director of Purchases

Logansport Machine Company Inc.

Logansport, Indiana 46947

Director of Purchases

Lyons Diecasting

Buckner, Missouri

Director of Purchases
Logi Trol Incorporated
135 Weldon Parkway
Maryland Heights, Mo. 63043

Director of Purchases
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin 53704

Director of Purchases
Los Angeles Die Casting Company
340 Crocker
Los Angeles, California

Director of Purchases
Magna Copper Company
San Manuel Division
Refinery Warehouse
San Manuel, Arizona 85631

Director of Purchases
Louden Division
American Chain & Cable Company
Fairfield, Iowa

Director of Purchases
Magnesium Casting Company
98 Business Street
Hyde Park, Boston, Massachusetts

Director of Purchases
Lynchburg Foundry Company
58 Courtland Building
P. O. Drawer 411
Lynchburg, Virginia 28501

Director of Purchases
Magnus Metal Company
1029 West 7th Street
Cincinnati, Ohio 45203

HARTOLDMON0002693

Director of Purchases

Manco Mfg. Company

Bradley, Illinois

Director of Purchases
Marvel Engineering
7227 North Hamlin
Chicago, Illinois 60645

Director of Purchases
Marathon Oil Company
539 South Main
Findlay, Ohio 45840

Director of Purchases
Masten Corporation
3555 West Adison
Chicago, Illinois 60618

Director of Purchases

Marion Bronze Company

Marion, Ohio

Director of Purchases
Materials Transportation Company
1685 North Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Marino Purchasing Corporation
60 Broad Street
New York, New York 10004

Director of Purchases
Matthiessen & Hegeler
Zinc Company
LaSalle, Illinois 61301

Director of Purchases
G.C. Marshall Space Flight Center
Building 4485
Huntsville, Alabama 35812

Director of Purchases
McCullough Corporation
6101 West Century Boulevard
Los Angeles, California 90045

Director of Purchases
McDonnell-Douglas Astronautics Co.
Accounts Payable
5301 Balsa Avenue
Santa Monica, California 92647

Director of Purchases
Arthur G. McKee & Company
10 South Riverside Drive
Chicago, Illinois 60606

Director of Purchases
Mc Donnell-Douglas
Brown Road
St. Louis, Missouri

Director of Purchases
McLouth Steel Corporation
300 South Livernois Avenue
Detroit, Michigan

Director of Purchases
McGraw Edison Company
333 West River
Elgin, Illinois 60120

Director of Purchases
F. W. Means Company
1225 West High Street
Lexington, Kentucky 40508

Director of Purchases
Bersted Manufacturing Division
McGraw Edison Company
Tupelo, Mississippi 38801

Director of Purchases
Melamine Plastics Corporation
Div. Universal Manufacturing Co.
516 West Fourth Street
Winona, Minnesota

Director of Purchases
Power Systems Division
12th & Madison Avenues
South Milwaukee, Wisconsin 53172

Director of Purchases

Mercer Alloys Company

Transfer, Pennsylvania

MCL001702

HARTOLDMON0002695

Director of Purchases
Mercer Alloys
P. O. Box 511
Greenville, Pennsylvania 16125

Director of Purchases
Michigan Wisconsin Pipe Company
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Metalart Buckle Company
166 Valley Street
Providence, Rhode Island 02909

Director of Purchases
Methodist Hospital
6516 Bertner Drive
Houston, Texas 77025

Director of Purchases

Micro Switch

Freeport, Illinois 61033

Director of Purchases
Metropolitan Edison Company
P. O. Box 542
Reading, Pennsylvania 19603

Director of Purchases
Mid American Canning Corporation
US 41A at Tucker
Schoolhouse Road
Madisonville, Kentucky 42431

Director of Purchases
Michigan Standard Alloys Incorporated
P. O. Box 691
Benton Harbor, Michigan 49022

Director of Purchases
Midland Division
Dexter Corporation
1785 North Eastern Avenue
Los Angeles, California 90032

Director of Purchases
Midland Ross Corporation
Electrical Products
Highway 11 Bypass
Congress Parkway
Athens, Tennessee

Director of Purchases
Minnesota Mining & Manufacturing C
P. O. Box 33121
St. Paul, Minnesota 55133

Director of Purchases
Midwest Fluid Power Company
4325 Harris Street
Toledo, Ohio 43613

Director of Purchases
Minnkota Paper Coop, Incorporated
P. O. Box 127
Center, N. C. 58530

Director of Purchases
Midwest Foundry Company
Division L. A. Darling Company
Coldwater, Michigan

Director of Purchases
Mirro Aluminum Company
Plant 2
Manitowoc, Wisconsin

Director of Purchases
Miller Tool & Die Company
835 Belden Road
Jackson, Michigan 49203

Director of Purchases
Mission Corporation
c/o Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma 74119

Director of Purchases
Milwaukee Die Casting Company
4132 North Holton Street
Milwaukee, Wisconsin 53211

Director of Purchases
Missouri Rogers Corporation
Missouri Casting Division
P. O. Box 1385
905 East Third Street
Joplin, Missouri 63801

HARTOLDMON0002697

Director of Purchases
Mobil Chemical Company
Chemical Coatings Division
P. O. Box 1388
Plainfield, New Jersey 07062

Director of Purchases
Modern Die Casting Corporation
5419 North Kedzie Avenue
Chicago, Illinois 60640

Director of Purchases
Mobil Oil Corporation
P. O. Box 2122
Los Angeles, California 90054

Director of Purchases
Modern Equipment Company
336 South Spring Street
Port Washington, Wisconsin 53074

Director of Purchases
4 Penn Conter Plaza
16th & J. F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103

Director of Purchases
Moen Machine Works
9425 Norwalk Boulevard
Santa Fe Springs, California 90670

Director of Purchases
Moffitt Incorporated
P. O. Box 136
Penna Route 136
Eighty Four, Pennsylvania 153330

Mobil Oil Corporation
Attn: Director of Purchases
P. O. Box 3311
Beaumont, Texas

Director of Purchases
Moline Malleable Iron Company
St. Charles, Illinois 60174

HARTOLDMON0002698

Director of Purchases
Montgomery Elevator Company
4135 Brownsville Road
Pittsburgh, Pennsylvania

Director of Purchases
A. B. Mueller & Company
2101 East John Street
St. Louis, Missouri

Director of Purchases
Montana Power
Purchasing Department
P. O. Box 1338
Butte, Montana 59701

Director of Purchases
Murdock Incorporated
15800 South Avalon Boulevard
Compton, California 90220

Director of Purchases

Jack Morris

Neddesha, Kansas 66757

Director of Purchases
T. O. Murphy
247 West Lorain
Oberlin, Ohio 44074

Director of Purchases

Mueller Company
630 Lambert
Brea, California 92621

Director of Purchases
L. W. Nash Company
P. O. Box 151
E. Palestine, Ohio 44413

Director of Purchases

Mueller Brass Company

Port Huron, Michigan

Director of Purchases
Nassau Smelting & Refining Company
1 Nassau Place
Staten Island, New York 10307

Director of Purchases
National Aluminum
c/o Brown & Roote
Hawesville, Kentucky

Director of Purchases
National Metallurgical
1801 South A Street
P. O. Box 56
Springfield, Oregon 97477

Director of Purchases
National Cooperative
Refinery Association
McPherson, Kansas

Director of Purchases
National Starch & Chemical Corp.
1735 West Frong Street
Plainsfield, N. J. 07063

Director of Purchases
National Gypsum Company
North Avenue
Garwood, New Jersey

Director of Purchases
Natural Gas Pipe Line Co. of Am.
122 South Michigan Avenue
Chicago 3, Illinois

Director of Purchases
National Machinery
Greenfield & Staunton Streets
Tiffin, Ohio 44883

Director of Purchases
Natural Gas Pipe Line Co. of Am.
Box 72
Highway 34
Jackson, Missouri 63755

Director of Purchases
National Metal Abrasive Company
3560 Norton Road
Cleveland, Ohio 44111

Director of Purchases
Nefco Filter Corporation
Box 280
Stoughton, Wisconsin 53589

Director of Purchases
Neuschotz Engineering
6500 South Avalon Boulevard
Los Angeles, California 90003

Director of Purchases
Nordberg Manufacturing Company
P. O. Box 383
Milwaukee, Wisconsin 53201

Director of Purchases
City of New Madrid
c/o Noranda Aluminum, Inc.
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
Norris Industries
5215 South Boyle Avenue
Los Angeles, California 90058

Director of Purchases
Newman Machine Company Inc.
P. O. Box 5467
Greensboro, N. C. 27403

Director of Purchases
North American Foundry Company
4721 Zero Street
Fort Smith, Arkansas 72901

Director of Purchases
N. L. Industries, Incorporated
Titanium Division
Carondelet Station
St. Louis, Missouri

Director of Purchases
North American Manufacturing Co.
4455 East 71st Street
Cleveland, Ohio 44105

Director of Purchases
Noranda Mines
Conductor Division
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
North American Rockwell Corp.
1700 East Imperial Highway
El Segundo, California

Director of Purchases

Northern Packaging Corporation
777 Driving Park Ave
Rochester, New York
14613
Returned
Returned 2/25

Director of Purchases
Novamont Corporation
Neal Works
P.O. Box 189
Kenova, West Virginia 25530

Director of Purchases
Northland Resources
P.O. Box 668
Rangely, Colorado

Director of Purchases
Oak Manufacturing Company
650 South Avenue 21
Los Angeles, California 90031

Northern Malleable Iron Company
867 Forest Street
St. Paul, Minnesota 55106

Attn: Director of Purchases

Director of Purchases
Obear Nester Glass Company
Lincoln Plant
Lincoln, Illinois, 62656

Director of Purchases
Northrop Corporation
Aircraft Division
3901 West Broadway
Hawthorne, California 90250

Director of Purchases
Ocean Drilling & Exploration Compan
P.O. Box 61780
1600 Canal Street
New Orleans, Louisiana 70160

Director of Purchases
Northwestern Steel & Wire
121 Wallace Street
Sterling, Illinois 61081

Director of Purchases
Ohio Brass Company
300 North Diamond Street
Mansfield, Ohio 44902

Director of Purchases
Ohio Energy Systems
1055 West 3rd Street
Columbus, Ohio 43212

Director of Purchases
Oregon Steel Mills
5200 N.W. Front Avenue
Portland, Oregon 97210

Director of Purchases
Oil States Rubber Company
P.O. Box 670
Arlington, Texas 76010

Director of Purchases
Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida 32801

Director of Purchases
Olin Corporation
P.O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Ormet Corporation
P.O. Box 176
Omal, Ohio 43931

Director of Purchases
Omark Industries
Williams Air Control Division
14100 S.W. 72nd
Portland, Oregon 97223

Director of Purchasing
Oswego Casting Corporation
Mitchell Street
Oswego, New York 13126

Director of Purchases
Orange County Diecasting
1367 North Santiago Avenue
Santa Ana, California 92705

Director of Purchasing
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

HARTOLDMON0002703

Director of Purchases
Overmyer Corporation
Winchester, Indiana 47394

Director of Purchases
Town of Oyster Bay
Sanitary Services Incinerator
Plant 2
Winding Road
Old Bethpage, New York

Director of Purchases
Overton Foundry
9850 Adella Street
South Gate, California

Director of Purchases
Pacific Lighting Service Company
P. O. Box 54790
Terminal Annex
Los Angeles, California 90054

Director of Purchases
Owens Aluminum Corporation
P. O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Pan Am World Airways
P. O. Box 1412
Grand Central Station
New York, New York 10017

Director of Purchases
Owens Corning Fiberglass Corporation
Anderson, South Carolina

Director of Purchases
Panhandle Eastern Pipe Line Comp.
P. O. Box 1348
Kansas City, Kansas 64141

Director of Purchases
Owens Illinois Incorporated
1700 North Westwood Avenue
Toledo, Ohio 43607

Director of Purchases
Park Ohio Industries Incorporated
Ohio Crankshaft Division
3800 Harvard Avenue
Cleveland, Ohio 44105

Director of Purchases
Parker Hannifin Corporation
18321 Jamboree Boulevard
Irvine, California 92664

Director of Purchases
Pennwalt Corporation
Stokes Division
5500 Tabor Road
Philadelphia, Pennsylvania 19120

Peasley Products Incorporated
Attn: Director of Purchases
993 Honeyspot Road
Stratford, Conn. 06497

Director of Purchases
Perfection Heat Treating Company
1756 West Hubbard Street
Chicago, Illinois 60622

Director of Purchases
Peco Manufacturing Company Inc.
P.O. Box 02156
Portland, Oregon 97202

Director of Purchases
Penn Controls Incorporated
Goshen, Indiana

Director of Purchases
Permanent Casting Incorporated
P.O. Box 191
285 Shady Grove Road
Hot Springs, Arkansas 71901

Director of Purchases
Pennsylvania Refining Company
Ohio Division
2685 Lisbon Road
Cleveland, Ohio 44104

Director of Purchases
Petroleum Distributing Co., Inc.
P.O. Box 203
Houston, Texas 77001

Director of Purchases
Petrotomics Company
P. O. Box 2450
Casper, Wyoming 92601

Director of Purchases
Phelps Dodge Corporation
300 Park Avenue
New York, New York

Director of Purchases
Pevely Dairy Company
Purchasing Department
Grand & Chouteau Avenue
St. Louis, Missouri 63103

Director of Purchases
Phelps Dodge Copper Products
P. O. Box 20200
El Paso, Texas 79998

Director of Purchases
Charles Pfizer & Company, Inc.
Vigo Plant
Terre Haute, Indiana 47080

Director of Purchases
Phoenix Die Casting
23 Illinois Street
Buffalo, New York 14230

Director of Purchases
George Pfleger
Lantana Boat Yard
808 North Dixie Highway
Lantana, Florida

Director of Purchases

Phoenix Steel

Claymont, Delaware 19703

Director of Purchases
G. P. Pfleger
1501 Westcliff Drive
Suite 301
New Port Beach, California 92560

Director of Purchases
The Pillsbury Company
311 Second Street Southeast
Minneapolis, Minnesota 55414

Director of Purchases
Pittsburgh, De Moires Steel Co.
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Ponka Drilling & Products Company
Box 753
Rangely, Colorado 81648

Director of Purchases
Pittsburgh Plate Glass
Glass Division
Works No. 26,
Crestline, Ohio 44874

Director of Purchases
Potlatch Forests Incorporated
Pulp & Paperboard Division
Lewiston, Idaho

Director of Purchases
PPP Industries, Inc.
Coatings & Resins Division
3 1/2 miles S. of U.S. Route 23
Circleville, Ohio

Director of Purchases
The William Powell Company
2503 Spring Grove Avenue
Cincinnati, Ohio 45214

Director of Purchases
PPG
Class Division
Works No. 27
Tipton, Pennsylvania 16684

Director of Purchases
Power Draulics Nielsen
550 South Columbus Avenue
Mt. Vernon, New York 10550

Director of Purchases
Pomona Diecast
1479 West Second Street
Pomona, California 91766

Director of Purchases
Powers Regulator Company
3400 Oakton Street
Skokie, Illinois 60076

Director of Purchases
Pratt & Whitney Aircraft
400 Main Street
East Hartford, Conn. 06108

Director of Purchases
Prestolite
Division Eltra Corporation
West Springfield, Massachusetts

Director of Purchases
Precision Castings Company
12600 Berea Road
Cleveland, Ohio 44111

Director of Purchases
Press Automation Systems
Division U.S. Industries
3840 East Outer Drive
Detroit, Michigan 48234

Director of Purchases
Precision Castparts Corporation
4600 S.E. Harney Drive
Portland, Oregon 97206

Director of Purchases
Pressure Castings Incorporated
21500 St. Clair Avenue
Cleveland, Ohio 44119

Director of Purchases
Precision Sheet Metal
5235 West 104th Street
Los Angeles, California 90045

Director of Purchases
Prescolite-Itco Plant
Division of U.S. Industries
P.O. Box 151
El Dorado, Arkansas

Director of Purchases
Price Bros.
4701 Whitelake Road
Clarkson, Michigan 48016

Director of Purchases
Puget Die Casting
2101 South Mildred Street
Tacoma, Washington 98466

Director of Purchases
Prince Manufacturing Company
P. O. Box 31
Holland, Michigan 49423

Director of Purchases
The Quality Casting Company
1225 North Main Street
Orrville, Ohio 44667

Director of Purchases
Process Equipment Company
6555 South State
Route 202
Tipp City, Ohio 45371

Director of Purchases
Racine Chicago Engr.
840 Filne Drive
Addiston, Illinois 60101

Director of Purchases
The Procter & Gamble Company
Buying Department
P. O. Box 599
Cincinnati, Ohio 45201

Director of Purchases
Racine Hydraulic & Machinery Co.
Simplex Division
Licking Road
Zanesville, Ohio

Director of Purchases
PTE Corporation
1345 North Tenth Street
San Jose, California 95112

Director of Purchases
Radiator Specialty Company
P. O. Box 10628
Charlotte, North Carolina 28201

MCL001716

HARTOLDMON0002709

Director of Purchases
Ralston Purina
Health Products Plant
4142 North Union
St. Louis, Missouri 63115

Director of Purchases
Reading Tube Division
Reading Industries, Inc.
P. O. Box 126
Reading, Pennsylvania 19603

Director of Purchases
Ramm Products Company
4436 Walker
Wayne, Michigan 48184

Director of Purchases
Reading Metals Refining Corporation
Subsidiary of Reading Ind., Inc.
P. O. Box 1111
Reading, Pa. 19603

Director of Purchases
Ranger Die Casting Company
10828 South Alameda
Lynwood, California

Director of Purchases
Red Field Brick & Tile Company
Redfield, Iowa 50233

Director of Purchases
Reactive Metals, Incorporated
P. O. Box 720
Ashtabula, Ohio

Director of Purchases

Regina Corporation

Rahway, New Jersey

Director of Purchases
Reactive Metals Incorporated
1000 Warren Avenue
Niles, Ohio 44446

Director of Purchases
Remco Hydraulics
934 South Main Street
Willits, California 95490

Director of Purchases
Edward Rennburg & Sons, Inc.
2639 Boston Street
Baltimore, Maryland 21224

Director of Purchases
Reynolds Metals
Gum Springs, Arkansas

Director of Purchases
Reynolds Metals Company
10th & Byrd Streets
Richmond, Virginia

Director of Purchases
Reynolds Metals Company
P. O. Box 500
Massena, New York

Director of Purchases
Republic Steel Corporation
P. O. Box 6778
Cleveland, Ohio 44101

Director of Purchases
Reynolds Metals
47th and 1st Avenue
McCook, Illinois

Director of Purchases
Rex Chainbelt Incorporated
Hanna Fluid Power Division
1765 Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Rich Manufacturing Company
P. O. Box 910
Corona, California 91720

Director of Purchases
Reynolds Metals
P. O. Box 520
Arkadelphia, Arkansas 71923

Director of Purchases
Richtex Corporation
P. O. Box 3307
Columbia, S. C. 29203

Director of Purchases
Ridco Casting Company
1155 High Street
Central Falls, Rhode Island

Director of Purchases
Rockford Clutch
Division of Borg Warner
1200 Windsor Road
Rockford, Illinois 61101

Director of Purchases
Ridge Foundry, Incorporated
1554 Doolittle Drive
San Leandro, California

Director of Purchases
Rockwell Manufacturing
400 North Lexington Avenue
Pittsburgh, Pennsylvania 15208

Director of Purchases
Rivett, Incorporated
51 Fremont Street
Needham Heights, Massachusetts
02194

Director of Purchases
Rockwell Manufacturing
Russellville, Ky. 42276

Director of Purchases
Roane Electric Furnace
Division of Woodward Company
P. O. Box 298
Rockwood, Tennessee 37854

Director of Purchases
Rogers Hydraulics
Granite Falls, Minnesota 45241

Director of Purchases
Robinson Ventilating Company
275 Henderson Street
Zelienople, Pennsylvania 16063

Director of Purchases
Rohm & Haas Company
Independence Mall West
Philadelphia, Pennsylvania 19105

Director of Purchases
Ronson Metals Company
55 Manufacturers Place
Newark, New Jersey 07105

Director of Purchases
Rust Engineering Company
P. O. Box 549
Canton, Ohio 44701

Director of Purchases
Roper Corporation
550 Wehrle Avenue
Newark, Ohio 43055

Director of Purchases
Rust Furnace Company
930 St. Duquesne Boulevard
Pittsburgh, Pa. 15222

Director of Purchases
Rotating Components Incorporated
1560 Fifth Avenue
Bayshore, Long Island, New York

Director of Purchases
Saginaw Paint Manufacturing Compan
344 West Genesee
Saginaw, Michigan 48605

Rounds & Stewart
Natural Gasoline Company Inc.
Box 700
Wichita, Kansas

Attn: Director of Purchases

Director of Purchases
St. Louis Diecasting Corporation
201 Rock Industrial Park Drive
Bridgeton, Missouri

Director of Purchases
Rucker Control Systems
4700 San Pablo Avenue
Oakland, California 94608

Director of Purchases
City of Salem Health Department
P. O. Box 266
Salem, Massachusetts

Director of Purchases
Allen Brosius, Incorporated
Box 2222
Cleveland, ~~Ohio~~ 13236

Returned
Received 2/14

Director of Purchases
Sangamo Electric Company
P. O. Box 3347
Eleventh & Converse
Springfield, Illinois 62708

Director of Purchases
San Jose Die Casting Company
1422 Bergder Drive
San Jose, California 95112

Director of Purchases
Santa Fe Marine Incorporated
P. O. Box 16306
Houston, Texas 77022

Director of Purchases
Sanders Associates
95 Canal Street
Nashua, N. H. 03060

Director of Purchases
Sanderson & Porter
c/o Keystone Steel and Wire
7000 S. W. Adams
Peoria, Illinois

Director of Purchases
Sargent Industries
Huntington Park Division
2533 East 56th Street
Huntington Park, California 90255

Director of Purchases
Sandvik Steel Incorporated
1704 Nevins Road
Fair Lawn, New Jersey 07410

Director of Purchases
Sayville Incinerator
Town of Islip
Lincoln Avenue
Long Island, New York

Director of Purchases
Schroeder Brothers Corporation
Box 72
McKees Rocks, Pennsylvania 15136

Director of Purchases
Scott Equipment Company
272 Lee Street
Dayton, Ohio 45404

Director of Purchases
Seven Up Company
12201 Beach Daly Road
Detroit, Michigan 48239

Director of Purchases
Scuba Hut
3906 North Highway 71
Springdale, Arkansas 72764

Shaffer Tool Works
P. O. Box 4008
Beaumont, Texas 77704

Attn: Director of Purchases

Director of Purchases
Sedco Incorporated
1901 Akard
Dallas, Texas 75201

Director of Purchases
Shalda Lighting Products
Hubbell Lighting
156 West Providence
Burbank, California 91503

Director of Purchases
Selas Corporation of America
Drescher, Pennsylvania 19025

Director of Purchases
Sharon Steel
P. O. Box 537
Sharon, Pennsylvania 16146

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

Director of Purchases
Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

Director of Purchases
Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

Director of Purchases

Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P.O. Box 400
Dover, Ohio 44622

Director of Purchases
Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases
Singer Company
P.O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

Director of Purchases
Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

Director of Purchases
Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

Director of Purchases

Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P.O. Box 400
Dover, Ohio 44622

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Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases
Singer Company
P.O. Box 4000
Elizabeth, New Jersey 07207

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Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

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Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

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Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

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941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

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Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P. O. Box 400
Dover, Ohio 44622

Director of Purchases
Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases
Singer Company
P. O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Skagit Corporation
Sedro Woolley, Washington 98284

Director of Purchases
Smith & Loveless
Lenexa, Kansas 66215

Director of Purchases
SKRL Diecasting Inc.
34580 Lakeland Boulevard
Eastlake, Ohio 44094

Director of Purchases
Southwire Daniles Construction Co.
Hawesville, Kentucky

Director of Purchases
SKS Diecasting Company
2200 4th Street
Berkeley, California 94710

Director of Purchases
Southern California Edison Company
P.O. Box 60753
Los Angeles, California 90060

Director of Purchases
Sloan Kettering Institute for Cancer
Research
410 East 68th Street
New York, New York 10021

Director of Purchases
Southern Natural Gas
c/o W.W. Bennett
Route # 5
Anniston, Alabama

Director of Purchases
A.O. Smith Corporation
3533 North 27th Street
Milwaukee, Wisconsin

Director of Purchases
Southern Manufacturing Company
Aurora, Missouri

MCL001726

HARTOLDMON0002719

Director of Purchases
Southwest Ind. Equipment
5847 Armour Drive
Houston, Texas 77020

Director of Purchases
Sperry Rand
Vickers Incorporated Division
Maple & Crooks Roads
Troy, Michigan 48084

Director of Purchases
Southwestern Diecasting Company
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
Spinoza Incorporated
P. O. Box 9881
Houston, Texas 77015

Director of Purchases
Spartan Castings
5445 Dodds
Buena Park, California 90620

Director of Purchases

Sprout Waldron & Company Inc.

Muncy, Pennsylvania

Director of Purchases
Speedring Corporation
7117 East 11 Mile Road
Warren, Michigan 48090

Director of Purchases
Stamco Division
Monarch Machine Tool Company
New Breman, Ohio 45869

Director of Purchases
Sperry Rand
1290 Avenue of the Americas
New York, New York 10019

Director of Purchases
Standard Oil of California
225 Bush
San Francisco, California 94104

Director of Purchases
Standard Oil of Indiana
910 South Michigan Avenue
Chicago, Illinois 60605

Director of Purchases
Stauffer Chemical
299 Park Avenue
New York, New York 10017

Director of Purchases
Standard Oil of New Jersey
30 Rockefeller Plaza
New York, New York 10020

Director of Purchases
Stearns Rogers Corporation
P. O. Box 5888
Denver, Colorado 80217

Director of Purchases
Standard Products Company
130 West 110th Street
Cleveland 2, Ohio

Director of Purchases
Steel Improvement and Forge Co.
970 East 64th Street
Cleveland, Ohio 44103

Director of Purchases
Star Fibers Incorporated
Edgefield, South Carolina 29824

Director of Purchases
Stevenson Sales Company, Inc.
P. O. Box 3493
Davenport, Iowa 52808

Director of Purchases
Starlight Tool & Manufacturing Co.
3300 West 7th Street
Joplin, Missouri 53801

Director of Purchases
Steward Machine Company
P. O. Drawer 11066
Birmingham, Alabama 35202

Director of Purchases
Joe Stine
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Stratoflex Incorporated
P. O. Box 10398
Fort Worth, Texas 76114

Director of Purchases
Superior Iron Works & Supply Co.
P. O. Box 7002
Harvey, Louisiana 71107

Director of Purchases
Strite Anderson Company
7585 Viron Road NE
Minneapolis, Minnesota 55432

Director of Purchases
Surftran Company Division
Chemotronics Intl.
30250 Stevenson Hwy.
Madison Heights, Michigan 48071

Director of Purchases
Stroh Die Casting Company, Inc.
11123 West Burleigh Street
Milwaukee 10, Wisconsin

Director of Purchases
Swedish Crucible Steel Company
8801 Conant
Detroit, Michigan 49200

Director of Purchases
Sun Oil Company
1608 Walnut Street
Philadelphia 3, Pennsylvania

Director of Purchases
Swedlow Incorporated
12605 Beach Boulevard
Garden Grove, California

MCL001729

HARTOLDMON0002722

Director of Purchases
Swingline
3200 Skillman Avenue
Long Island City, New York

Director of Purchases
J. W. Taylor Manufacturing Company
P. O. Box 529
Garland, Texas 75040

Director of Purchases
Swinnerton & Walberg Company
P. O. Box 575
Golden, Colorado

Director of Purchases
Temtek Corporation
P. O. Box 477
Bartlett, Illinois 60103

Syracuse Die Casting Company
Attn: Director of Purchases
2101 Teall Avenue
Syracuse, New York 13206

Director of Purchases
Technical Development Company
2601 Timberland
Dayton, Ohio 45414

Director of Purchases
Sylvester Enterprises
850 Hanna Building
Cleveland, Ohio 44115

Director of Purchases
Telco Incorporated
Service Division
8702 Bessemer Avenue
Cleveland, Ohio 44127

Director of Purchases
Tanner Manufacturing Company
Wesleyville
P. O. Box 7309
Erie, Pennsylvania 16510

Director of Purchases
Teledyne Titanium
P. O. Box 781
Monroe, N. C. 28110

Director of Purchases
Teledyne Ryan Aeronautical Company
Lindbergh Field
2710 Harbor Drive
San Diego, California 92112

Director of Purchases
Texas Eastern Instruments Inc.
3609 Buffalo Speedway
Houston, Texas

Director of Purchases
Tenneco Incorporated
Tennessee Building
Houston, Texas 77002

Director of Purchases
Texas Steel Company
3901 Hemphill Street
Fort Worth, Texas 76110

Director of Purchases
Tennessee Eastman
Division of Eastman Kodak
Kingsport, Tennessee 37662

Director of Purchases
Textron Incorporated
10 Dorrance
Providence Rhode Island 02903

Director of Purchases
Tennessee Metallurgical Corporation
308 IBM Building
Chattanooga, Tennessee

Director of Purchases
Thierica Studio
900 Clancy
Grand Rapids, Michigan

Director of Purchases
Texas Eastern Transmission
P. O. Box 2521
Houston, Texas 77001

Director of Purchases
Thiokol Chemical Corporation
Utah Division
Brigham City, Utah

MCL001731

HARTOLDMON0002724

Director of Purchases
Thomas Industries, Inc.
1419 Eilinois
Sheboygan, Wisconsin

Director of Purchases
Tomkins-Johnson Company
2425 West Michigan Avenue
Jackson, Michigan

Director of Purchases
Thompson Hayward Chemical Co.
P.O. Box 2383
Kansas City, Kansas 66110

Director of Purchases
Tool Die Engineering Company
3878 East 93rd Street
Cleveland, Ohio 44105

Director of Purchases
TII Dee Products Incorporated
219 Kelly Avenue
Dayton, Ohio

Director of Purchases
Tool Steer Gear & Pinion Company
211 Township Avenue
Cincinnati, Ohio 45216

Director of Purchases
Toledo Engineering Company Inc.
3001 Sylvania Avenue
Toledo, Ohio 43613

Director of Purchases
Transue-Williams Steel & Forging
Division Standard Alliance Ind.
Alliance, Ohio 44601

Director of Purchases
Tolo Incorporated
2401 S. Pullman
Santa Ana, California

Director of Purchases
Tuscon Dairy
750 Union Avenue
Union, New Jersey 07083

Director of Purchases
UMC Industries Incorporated
Universal Match Division
325 Paul Avenue
Ferguson, Missouri 63135

Director of Purchases
Union Malleable Mfg. Company
Ashland, Ohio

Director of Purchases
Unimation Incorporated
Shelter Rock Lane
Danbury, Conn. 06810

Director of Purchases
Union Oil Company of California
Union Oil Center
Los Angeles, California 90054

Director of Purchases
Union Carbide Nuclear Company
Oakridge, Tennessee

Director of Purchases
Union Pacific Railroad
1416 Dodge Street
Omaha, Nebraska

Director of Purchases
Union Carbide
270 Park Avenue
New York, New York

Director of Purchases
Union Texas Petroleum
Div. of Allied Chemical Corp.
P.O. Box 96
Haughton, Louisiana

Director of Purchases
Uniroyal
1230 Avenue of the Americas
New York, New York 10020

HARTOLDMON0002726

Director of Purchases
Uniroayl
1230 Avenue of the Americas
New York, New York 10020

Director of Purchases
United Engineering
Vandergrift Plant
Vandergrift, Pennsylvania

Director of Purchases
United Aircraft Corporation
Pratt & Whitney Aircraft
West Palm Beach, Florida

Director of Purchases
United Engineering & Foundry Co.
948 Ft. Duquesne Boulevard
Pittsburgh, Pa.

Director of Purchases
United Airlines Incorporated
Hangar 55
Newark Airport
Newark, New Jersey

Director of Purchases
Universal Manufacturing Company
Mendenhall, Mississippi

Director of Purchases
United Clay Pipe Company
P.O. Box 552
Seminole, Oklahoma 74868

Director of Purchases
Universal Vise and Tool Co., Inc.
8500 East Michigan Avenue
Parma, Michigan 49269

Director of Purchases
United Engineering & Foundry
14th & Grace Street
Canton, Ohio 44705

Director of Purchases
United States Borax & Chemical
Boron, California

MCL001734

HARTOLDMON0002727

Director of Purchases

U.S. Foundry

Birmingham, Alabama

Director of Purchases
Tennessee Valley
Power Acctg. Office
233 Edney Building
Chattanooga, Tennessee 37402

Director of Purchases
U.S. Pipe
Burlington Works
E. Pearl Street
Burlington, New Jersey

Director of Purchases
U.S. Navy Payment Office
700 Robbins Avenue
Philadelphia, Pennsylvania 19111

Director of Purchases

U.S.A.F. Wright Patterson

Wright Patterson, Ohio

Director of Purchases
G.C. Marshall Space Flight
Building 4485
Huntsville, Alabama

Director of Purchases
U.S. Government
Department of Air Force
Directoriate Proc. & rod.
San Antonio Air Materials Area
Kelly Air Force Base, Texas

Director of Purchases
Veterans Administration Hospital
2215 Fuller Road
Ann Arbor, Michigan 48105

Director of Purchases
National Advisory Comm.
for Aeronautics
Langley Field, Virginia

Director of Purchases
Comptroller Code 644
Boston Naval Shipyard
Boston, Massachusetts 02129

MCL001735

HARTOLDMON0002728

Director of Purchases
U.S. Metals Refining Company
400 Middlesex Avenue
Carteret, New Jersey

Director of Purchases
Vaughn Machine
Front and Broad Street
Cuyahoga Falls, Ohio 44221

Director of Purchases
The Upjohn Company
301 Henrietta Street
Kalamazoo, Michigan

Director of Purchases
VAW of America
Ellenville, New York 12428

Director of Purchases
Valley Iron & Steel
P.O. Box 230
Eugene, Oregon

Director of Purchases
Vectra Corporation
Odenton, Maryland

Director of Purchases
Valley Metallurgical Processing
Essex, Connecticut

Director of Purchases
Veeder Root Incorporated
28 Sargent Street
Hartford, Connecticut

MCL001736

HARTOLDMON0002729

Director of Purchases
Velsicol Chemical
347 East Ohio Street
Chicago 11, Illinois

Director of Purchases
Wagner Electric Corporation
6400 Plymouth Avenue
St. Louis, Missouri

Director of Purchases
Versaform Industries
314 West 168th Street
Gardena, California 90247

Director of Purchases
Jim Walter Corporation
3rd Street & Douglas
Tampa, Florida 33611

Director of Purchases
Viking Chemical Company
1827 18th Avenue
Box 1595
Rockford, Illinois

Director of Purchases
Warner & Swasey
Grandell Division
406 Mill Avenue S.W.
New Philadelphia, Ohio 44663

Director of Purchases
Henry Vogt Machine Company
10th and Ormsby Street
Louisville, Kentucky

Director of Purchases
Warwick Industrial Furnace
and Engineering Company
1125 Wheeling Road
Wheeling, Illinois

Wadco Corporation
Attn: Director of Purchases
P.O. Box 1970
Richland, Washington 99352

Director of Purchases
Waste Control System Inc.
3700 Greenway Plaza
Eastern Airlines Building
Suite 302
Houston, Texas 77027

Director of Purchases

Waupaca Foundry, Inc.

Waupaca, Wisconsin 54981

Director of Purchases
Weldotron Corporation
1532 South Washington Avenue
Piscataway, New Jersey

Director of Purchases

D. P. Way Corporation

P. O. Box 6336

Milwaukee, Wisconsin 53209

Director of Purchases
West Penn Power Company
Cabin Hill
Greensburg, Pennsylvania

Director of Purchases

Weil McLain Company Inc.

Michigan City, Indiana 46360

Director of Purchases
Western Arcadia
4115 Ogden Avenue
Chicago 23, Illinois

Director of Purchases
Weinman Pump & Supply Company
110 Delta Drive
Pittsburgh, Pennsylvania 15328

Director of Purchases
Weldotron Corporation
907 Frelinghuysen Avenue
Newark, New Jersey 07114

Director of Purchases
Western Gear Company
2600 East Imperial Highway
Box 190
Lynwood, California 90262

Director of Purchases
Western Overhead Door
P. O. Box 02204
Portland, Oregon 97202

Director of Purchases
Wheeling Pittsburgh Steel Corp.
Wheeling, West Virginia 26003

Director of Purchases
Western Textile Company
P. O. Box 7139
St. Louis, Missouri 63177

Director of Purchases
Westinghouse Electric Corporation
6001 Southwest Shore Boulevard
Tampa, Florida 33616

Director of Purchases
White Rodgers Company
9797 Reavis Road
St. Louis, Missouri

Director of Purchases
Westinghouse Electric Corporation
Small Motor Division
P. O. Box 566
Lima, Ohio 45801

Director of Purchases
Whiting Corporation
157th and Lathrop
Harvey, Illinois 60426

Director of Purchases
West Virginia Pulp and Paper
299 Park Avenue
New York, New York 10017

Director of Purchases
Whittaker Corporation
Peat Mfg. Div.
10711 East Firestone Boulevard
Norwalk, California 90650

Director of Purchases
Wichita Falls Foundry & Machine Co.
P. O. Box 1150
Wichita Falls, Texas 76308

Director of Purchases
Withrow Diecasting Company
13164 Leadwell
North Hollywood, California 91605

Director of Purchases
Wiley Cork Company
14th & Church Streets
Wilmington, Delaware 19899

Director of Purchases
Alan Wood Steel Works
Conshohockten, Pennsylvania

Director of Purchases
Will Brothers Manufacturing Company
3418 McDougall
Detroit, Michigan 48207

Director of Purchases
Wood Preservers Incorporated
Warsaw, Virginia 22572

Director of Purchases
Wilson Diecasting Corporation
501 Main
Grain Valley, Missouri

Director of Purchases
Wynn Oil Company
1151 West 5th Street
Azusa, California

Director of Purchases
K. R. Wilson Div.
Chishalm-Ryder Company, Inc.
Arcade, New York 14009

Director of Purchases
Young & Bertke Company
2118 Winchell Avenue
Cincinnati, Ohio 45214

Director of Purchases
Youngstown Sheet & Tube Company
Stambaough Building
Youngstown, Ohio

Director of Purchases
Zapata Offshore Company
1701 Houston Club Building
Houston, Texas 77002

Director of Purchases
A. J. Zinda Company
3509 N. W. Street
Helens Road
Portland, Oregon 97201

Director of Purchases
Chelsea Indust. Inc. Park
Salem Plastics & Chemical Inc.
-19 Congress
Salem, Massachusetts 01970

Director of Purchases
Outboard Marine
Waukegan, Illinois 60085

Director of Purchases
Columbia Gas
120 East 41st Street
New York, New York 10017

Director of Purchases
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases
Komarek-Greaves
10745 Higgins Road
Rosemont, Illinois 60018

Director of Purchases
Pacific Gas Equipment Co.
P. O. Box 28188
Sacramento, California 95828

Director of Purchases
Laclede Steel
Equitable Building
St. Louis, Missouri

Director of Purchases
Piping Systems
2705 Bernice Road
Lansing, Illinois 60438

Director of Purchases
Mobil Oil Corporation
150 East 42nd Street
New York, New York 10017

Director of Purchases
L. S. Rockefeller
111 West 50th Street
New York, New York 10020

MCL001742

HARTOLDMON0002735

Director of Purchases
Transcontinental Gas Pipe Line Corp.
3100 Travis Street
Houston, Texas 77001

Mr. J. T. Bunting
Aluminum Company of America
1501 Alcoa Building
Pittsburgh, Pennsylvania

Director of Purchases
United Construction
Westminster, California 92683

Returned

Mr. Tom Shibley
Armco Steel Corporation
703 Curtis Street
Middletown, Ohio

Director of Purchases
Westinghouse Electric Corp.
3 Gateway Center
Pittsburgh, Pennsylvania 15230

Mr. Tom Voss, Buyer
Inland Steel
3210 Watling Street
East Chicago, Indiana 46312

Mr. Bill Mibalo
Senior Lube Engineer
Inland Steel
3210 Watling Street
East Chicago, Indiana

Mr. Tom Rex
Purchasing Agent
U. S. Steel
525 William Penn Place
Pittsburgh, Pa. 15230

MCL001743

HARTOLDMON0002736

Director of Purchases
Alliance Machine Company
1049 South Mahoning
Alliance, Ohio 44601

Director of Purchases
Morgan Engineering Company
Broadway & PPR
Alliance, Ohio 44601

Director of Purchases
Cleveland Crane Engineering
1271 East 289
Cleveland, Ohio 44132

Director of Purchases
Osborn Manufacturing Company
5401 Hamilton Avenue
Cleveland, Ohio 43219

Director of Purchases
Cuyahoga Industries
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Park Ohio Industries
Tacco Division
3800 Harvard
Cleveland, Ohio 43203

Director of Purchases
H. P. M. Castmaster
820 Marion Road
Mt. Gilead, Ohio 43338

Director of Purchases
Taylor Winfield Manufacturing
Mahoning Avenue
Warren, Ohio 44483

Director of Purchases

Logansport Machine Company

Logansport, Indiana 46947

HARTOLDMON0002737

Director of Purchases
Acushnet Process Company
776 Belleville Avenue
New Bedford, Massachusetts 02745

Director of Purchases
Anchor Packing Company
401 North Broad Street
Philadelphia, Pennsylvania 19108

Director of Purchases
Amercoat Corporation
Department T
Brea, California

Director of Purchases
Andrew Brown Paint Company
5413 South District Boulevard
Los Angeles, California

Director of Purchases
American Sealants Company
115 North Mountain Road
Hartford 11, Connecticut

Director of Purchases
Bearings, Inc.
3634 Euclid Avenue
Cleveland, Ohio 44115

Director of Purchases
Anaconda Metal Hose Division
Anaconda American Brass Company
Waterbury, Connecticut 06720

Director of Purchases
Briggs Filtration Division
Bowser Corporation
Cookeville, Tennessee

Director of Purchases
Anchor Coupling Company
3600 North Fourth Street
Libertyville, Illinois

Director of Purchases
Capital Engineering Company
5839 Ashland Avenue
Chicago, Illinois

Director of Purchases
A. W. Chesterton Company
Everett,
Massachusetts 02149

Director of Purchases
Carrol Products
148 Marine Street
Farmingdale, New York

Director of Purchases
Chicago Rawhide Manufacturing
Company
1311 Elston
Chicago, Illinois 60622

Director of Purchases
Commercial Filters Corporation
(Honan-Crane)
Lebanon, Indiana

Director of Purchases
Chiksan Division
FMC Corporation
332 N. Brea Boulevard
Brea, California

Director of Purchases
Crane Packing Company
6400 Dakton Street
Morton Grove, Illinois 60053

Director of Purchases
C. E. Conover & Company, Inc.
333 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Cuno Engineering Corporation
Sub. of American Machine
& Foundry
4627 S. Vine Street
Meriden, Connecticut

Director of Purchases
Carboline Company
32 R Hanley Industrial Court
St. Louis, Missouri

Director of Purchases
Dollinger Corporation
20 Centre Park
Rochester 3, New York

Director of Purchases
Eastman Manufacturing Company
Department T.R.
6300 West Howard Street
Chicago, Illinois

Director of Purchases
The Glidden Company
900 Union Commerce Building
Cleveland, Ohio

Director of Purchases
Electric Hose & Rubber Company
1201 Duro Street
Wilmington, Delaware

Director of Purchases
Goshen Rubber Company Inc.
P. O. Box 416
Goshen, Indiana 46526

Director of Purchases
W. P. Fuller & Company
1645 West Valencia Drive
Fullerton, California

Director of Purchases
Greene, Tweed & Company
North Wales,
Pennsylvania 19454

Director of Purchases
Garlock Packing Company
Palmyra,
New York 14522

Director of Purchases
Hercules Packing Corporation
11061 Walden Road
Alden, New York 14004

Director of Purchases
Gates Rubber Company
999 South Broadway
Denver, Colorado 80217

Director of Purchases
Hilliard Corporation
98 West Fourth Street
Elmira, New York

HARTOLDMON0002740

Director of Purchases
Imperial Eastman Corporation
6300 West Howard Street
Chicago, Illinois

Director of Purchases
Lowe Brothers Company
Third & Madison Streets
Dayton, Ohio

Director of Purchases
Interchemical Corporation
Finishes Division
1255 T Broad Street
Clifton, New Jersey

Director of Purchases
Magna Coatings & Chemical Corp.
1785 North Eastern Avenue
Los Angeles, California

Director of Purchases
International Packing Corporation
Bristol,
New Hampshire 03104

Director of Purchases
Marvel Engineering Company
7227 North Hamlin Avenue
Chicago 45, Illinois

Director of Purchases
Johns-Manville
22 East 40th Street
New York, New York 10016

Director of Purchases
C.W. Marsh Company
36 Hudson Street
Muskegon, Michigan 49441

Director of Purchases
Greer Hydraulics, Inc.
5930 West Jefferson Boulevard
Los Angeles, California

Director of Purchases
Minnesota Rubber Company
3630 Wooddale Avenue
Minneapolis, Minnesota 55416

Director of Purchases
Nycote Laboratories
15002 Delano Street
Van Nuys, California

Director of Purchases
Parker Seal Company
10567 Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Lewis Products
Hohenwald, Tennessee 38462

Director of Purchases
Plastic & Rubber Products Company
2100 Hyde Park Boulevard
Los Angeles, California 90047

Director of Purchases
Pall Corporation
32 Sea Cliff Avenue
Glen Cove, L. I., New York

Director of Purchases
Precision Rubber Products Corp.
Hartmann Drive
Lebanon, Tennessee 37087

Director of Purchases
Plastic & Rubber Engineering Inc.
756 East Florence Avenue
Los Angeles, California 90001

Director of Purchases
Purolator Products
1000 New Brunswick Avenue
Rahway, New Jersey

Director of Purchases
Pittsburgh Plate Glass Company
One Gateway Center
Pittsburgh 22, Pa.

Director of Purchases
Raybestos-Manhattan, Inc.
Packing Division
Passaic, New Jersey

HARTOLDMON0002742

Director of Purchases
Reliable Rubber Products
Eddyington
Pennsylvania 19020

Director of Purchases
Samuel Moore Company
Mantua, Ohio

Director of Purchases
Rinshed--Mason Company
5935 Milford
Detroit, Michigan

Director of Purchases
Saran Protective Coatings Company
2415 Burdette at Reed
Ferndale, Michigan

Director of Purchases
Resistoflex Corporation
Roseland, New Jersey

Director of Purchases
Schroeder Bros. Corporation
101 Nichol Avenue
McKees Rocks, Pennsylvania

Director of Purchases
Rosaen Filter Corporation
1776 East Nine Mile Road
Hazel Park, Michigan

Director of Purchases
Serfilco Division
Service Filtration Corporation
7408 North Milwaukee
Niles, Illinois 60648

Director of Purchases
Royalty Paint & Varnish Company
Pasadena, California
Returned

Director of Purchases
Sherwin Williams Company
101 Prospect Avenue N.W.
Cleveland, Ohio

HARTOLDMON0002743

Director of Purchases
Stratoflex, Incorporated
222 Roberts Cutoff Road
Fort Worth, Texas

Director of Purchases
Titanine, Incorporated
Seagrave Corporation
Elmwood & Morris Avenues
Union, New Jersey

Director of Purchases
U.S. Paint, Lacquer & Chemical
Company
2101 Singleton
St. Louis, Missouri

Director of Purchases
Weatherhead Corporation
302 East 131st Street
Cleveland, Ohio 44108

Director of Purchases
Vellumoid Company
Rockdale Street and Beaman Avenue
Worchester, Massachusetts 01606

Director of Purchases

Dow Corning Corporation

Midland, Michigan

Director of Purchases

Finch Paint & Chemical Company

Torrence, California

Director of Purchases

Friesland Plastics Company

Friesland, Wisconsin

Director of Purchases
Fulflo Specialties Company, Inc.
410 Fancy Avenue
Blanchester, Ohio

Director of Purchases
General Electric Company
Insulating Materials Department
1 Campbell Road
Schenectady 6, New York

Director of Purchases
The James Walker Packing Co., Inc.
P.O. Box 75
Chicago Heights, Illinois 60411

Director of Purchases
Permatex Company
Department T.R.
Flagler Court Building
West Palm Beach, Florida

Director of Purchases
W.S. Shamban Company
11617 West Jefferson Boulevard
Culver City, California 90230

Returned

Director of Purchases
Shell Chemical Company
110 West 51st Street
New York, New York

Director of Purchases
Rockwell Mechanical Packing Co., Inc.
1634 Long Beach Avenue
Los Angeles, California 90021

MCL001752

HARTOLDMON0002745

Director of Purchases

El Paso Natural Gas

Sumas, Washington 98295

Director of Purchases
Pennwalt Corporation
2901 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Reynolds Metals
P. O. Box 999
Longview, Washington 98632

Director of Purchases
Western Gear Corporation
2100 Norton
Everett, Washington 98201

Mr. Milton Tegethoff
Findett Service Company
Route # 1
P. O. Box 13 C
St. Charles, Missouri 63301

Mr. Richard L. Leslie
Vickers Division
Sperry Rand Corporation
P.O. Box 202
Troy, Michigan 48084

Director of Purchases
Cleveland Automatic Machine Co.
1401 Spring Grove Avenue
Cincinnati, Ohio 45223

Mr. Paul Schacht
Racine Hydraulics
2000 Albert Street
Racine, Wisconsin 53404

Director of Purchases
Kux Machine Division
The Wickes Corporation
2100 South Wolf Road
Des Plaines, Illinois 60018

Mr. Edmund A. Klein
Denison Division
Abex Corporation
1160 Dublin Road
Columbus, Ohio 43216

Mr. John Harvill
H. L. Harvil Manufacturing Company
Orange Avenue
Perris, California

Mr. George Czarnecki
Delaval Turbine
Turbine Auxiliaries Division
Trenton, New Jersey 08602

Director of Purchases
Lester Engineering Company
2711 Church Avenue
Cleveland, Ohio 44113

Director of Purchases
D&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

Director of Purchases
Prince Manufacturing Company
Windcrest Drive
Holland, Michigan 49423

MCL001754

HARTOLDMON0002747

Director of Purchases
Joy Manufacturing Company
Dept. 8
Oliver Building
Pittsburgh, Pa. 15222

Director of Purchases
Norwalk Company, Incorporated
20 North Water Street
South Norwalk, Conn. 06856

Director of Purchases
Schramm Incorporated
810 East Virginia Avenue
West Chester, Pennsylvania 19380

Director of Purchases
Worthington Corporation
401 Worthington Avenue
Harrison, New Jersey 07029

Director of Purchases
Clark Brothers Company
Division of Dresser Industries
600 Lincoln Avenue
Olean, New York 14760

Director of Purchases
Chicago Pneumatic Tool Company
8 East 44th Street
New York, New York 10017

Director of Purchases
American Messer Corporation
240 Madison Avenue
New York, New York 10016

Director of Purchases
Cooper Bessemer
Box 751
Mount Vernon, Ohio 43050

Director of Purchases
Atlas Copco, Incorporated
102 Commerce Way
Hackensack, New Jersey 07602

Director of Purchases
Delaval Turbine Inc.
852 Nottingham Way
Trenton, New Jersey 08602

Director of Purchases
Bury Compressor Company
1100 West 17th Street
Erie, Pennsylvania 16512

Director of Purchases
Gardner Denver Company
100 Williamson St.
Quincy, Illinois 62301

Director of Purchases
Carrier Corporation
Carrier Building
Syracuse, New York

Director of Purchases
Ingersoll Rand Company
11 Broadway
New York, New York 10004

MCL001756

HARTOLDMON0002749

Director of Purchases
E&C Division
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Swindell Dressler
441 Smithfield Street
Pittsburgh, Pa. 15222

Director of Purchases
Koppers Company, Incorporated
E&C Division
Koppers Building
Pittsburgh, Pa. 15219

Director of Purchases
Weinman Pump & Supply
110 Delta Drive
RIDC Industrial Park
Blaw Knox, Pennsylvania 15238

Director of Purchases
Lectromelt Corporation
32nd Street
P. O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases
Mosta Machine Company
P. O. Box 1466
Pittsburgh, Pennsylvania 15230

Director of Purchases

Pennsylvania Engineering Corporation

New Castle, Pennsylvania 16103

MCL001757

HARTOLDMON0002750

Director of Purchases
Dow Corning Corporation
Midland, Michigan

Director of Purchases
Finch Paint & Chemical Company
Torrence, California

Director of Purchases
Friesland Plastics Company
Friesland, Wisconsin

Director of Purchases
Fulflo Specialties Company, Inc.
410 Fancy Avenue
Blanchester, Ohio

Director of Purchases
General Electric Company
Insulating Materials Department
1 Campbell Road
Schenectady 6, New York

Director of Purchases
The James Walker Packing Co., Inc.
P.O. Box 75
Chicago Heights, Illinois 60411

Director of Purchases
Permatex Company
Department T.R.
Flagler Court Building
West Palm Beach, Florida

Director of Purchases
W.S. Shamban Company
11617 West Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Shell Chemical Company
110 West 51st Street
New York, New York

Director of Purchases
Rockwell Mechanical Packing Co., Inc.
1634 Long Beach Avenue
Los Angeles, California 90021

HARTOLDMON0002751

Director of Purchases
Stratoflex, Incorporated
222 Roberts Cutoff Road
Fort Worth, Texas

Director of Purchases
Titanine, Incorporated
Seagrave Corporation
Elmwood & Morris Avenues
Union, New Jersey

Director of Purchases
U.S. Paint, Lacquer & Chemical
Company
2101 Singleton
St. Louis, Missouri

Director of Purchases
Weatherhead Corporation
302 East 131st Street
Cleveland, Ohio 44108

Director of Purchases
Vellumoid Company
Rockdale Street and Beaman Avenue
Worchester, Massachusetts 01606

Director of Purchases
Reliable Rubber Products
Eddyington
Pennsylvania 19020

Director of Purchases
Samuel Moore Company
Mantua, Ohio

Director of Purchases
Rinshed--Mason Company
5935 Milford
Detroit, Michigan

Director of Purchases
Saran Protective Coatings Company
2415 Burdette at Reed
Ferndale, Michigan

Director of Purchases
Resistoflex Corporation
Roseland, New Jersey

Director of Purchases
Schroeder Bros. Corporation
101 Nichol Avenue
McKees Rocks, Pennsylvania

Director of Purchases
Rosaen Filter Corporation
1776 East Nine Mile Road
Hazel Park, Michigan

Director of Purchases
Serfilco Division
Service Filtration Corporation
7408 North Milwaukee
Niles, Illinois 60648

Director of Purchases
Royalty Paint & Varnish Company
Pasadena, California

Director of Purchases
Sherwin Williams Company
101 Prospect Avenue N.W.
Cleveland, Ohio

HARTOLDMON0002753

Director of Purchases
Nycote Laboratories
15002 Delano Street
Van Nuys, California

Director of Purchases
Parker Seal Company
10567 Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Lewis Products
Hohenwald, Tennessee 38462

Director of Purchases
Plastic & Rubber Products Company
2100 Hyde Park Boulevard
Los Angeles, California 90047

Director of Purchases
Pall Corporation
32 Sea Cliff Avenue
Glen Cove, L. I., New York

Director of Purchases
Precision Rubber Products Corp.
Hartmann Drive
Lebanon, Tennessee 37087

Director of Purchases
Plastic & Rubber Engineering Inc.
756 East Florence Avenue
Los Angeles, California 90001

Director of Purchases
Purolator Products
1000 New Brunswick Avenue
Rahway, New Jersey

Director of Purchases
Pittsburgh Plate Glass Company
One Gateway Center
Pittsburgh 22, Pa.

Director of Purchases
Raybestos-Manhattan, Inc.
Packing Division
Passaic, New Jersey

MCL001761

HARTOLDMON0002754

Director of Purchases
Imperial Eastman Corporation
6300 West Howard Street
Chicago, Illinois

Director of Purchases
Lowe Brothers Company
Third & Madison Streets
Dayton, Ohio

Director of Purchases
Interchemical Corporation
Finishes Division
1255 T Broad Street
Clifton, New Jersey

Director of Purchases
Magna Coatings & Chemical Corp.
1785 North Eastern Avenue
Los Angeles, California

Director of Purchases
International Packing Corporation
Bristol,
New Hampshire 03104

Director of Purchases
Marvel Engineering Company
7227 North Hamlin Avenue
Chicago 45, Illinois

Director of Purchases
Johns-Manville
22 East 40th Street
New York, New York 10016

Director of Purchases
C. W. Marsh Company
36 Hudson Street
Muskegon, Michigan 49441

Director of Purchases
Greer Hydraulics, Inc.
5930 West Jefferson Boulevard
Los Angeles, California

Director of Purchases
Minnesota Rubber Company
3630 Wooddale Avenue
Minneapolis, Minnesota 55416

MCL001762

HARTOLDMON0002755

Director of Purchases
Eastman Manufacturing Company
Department T.R.
6300 West Howard Street
Chicago, Illinois

Director of Purchases
The Glidden Company
900 Union Commerce Building
Cleveland, Ohio

Director of Purchases
Electric Hose & Rubber Company
1201 Duro Street
Wilmington, Delaware

Director of Purchases
Goshen Rubber Company Inc.
P.O. Box 416
Goshen, Indiana 46526

Director of Purchases
W.P. Fuller & Company
1645 West Valencia Drive
Fullerton, California

Director of Purchases
Greene, Tweed & Company
North Wales,
Pennsylvania 19454

Director of Purchases
Garlock Packing Company
Palmyra,
New York 14522

Director of Purchases
Hercules Packing Corporation
11061 Walden Road
Alden, New York 14004

Director of Purchases
Gates Rubber Company
999 South Broadway
Denver, Colorado 80217

Director of Purchases
Hilliard Corporation
98 West Fourth Street
Elmira, New York

HARTOLDMON0002756

Director of Purchases
A. W. Chesterton Company
Everett,
Massachusetts 02149

Director of Purchases
Carrol Products
148 Marine Street
Farmingdale, New York

Director of Purchases
Chicago Rawhide Manufacturing
Company
1311 Elston
Chicago, Illinois 60622

Director of Purchases
Commercial Filters Corporation
(Honan-Crane)
Lebanon, Indiana

Director of Purchases
Chiksan Division
FMC Corporation
332 N. Brea Boulevard
Brea, California

Director of Purchases
Crane Packing Company
6400 Dakton Street
Morton Grove, Illinois 60053

Director of Purchases
C. E. Conover & Company, Inc.
333 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Cuno Engineering Corporation
Sub. of American Machine
& Foundry
4627 S. Vine Street
Meriden, Connecticut

Director of Purchases
Carboline Company
32 R Hanley Industrial Court
St. Louis, Missouri

Director of Purchases
Dollinger Corporation
20 Centre Park
Rochester 3, New York

OEM's Selector Listing

Director of Purchases
Acushnet Process Company
776 Belleville Avenue
New Bedford, Massachusetts 02745

Director of Purchases
Anchor Packing Company
401 North Broad Street
Philadelphia, Pennsylvania 19108

Director of Purchases
Amercoat Corporation
Department T
Brea, California

Director of Purchases
Andrew Brown Paint Company
5413 South District Boulevard
Los Angeles, California

Director of Purchases
American Sealants Company
115 North Mountain Road
Hartford 11, Connecticut

Director of Purchases
Bearings, Inc.
3634 Euclid Avenue
Cleveland, Ohio 44115

Director of Purchases
Anaconda Metal Hose Division
Anaconda American Brass Company
Waterbury, Connecticut 06720

Director of Purchases
Briggs Filtration Division
Bowser Corporation
Cookeville, Tennessee

Director of Purchases
Anchor Coupling Company
3600 North Fourth Street
Libertyville, Illinois

Director of Purchases
Capital Engineering Company
5839 Ashland Avenue
Chicago, Illinois

MCL001765

HARTOLDMON0002758

C.F. SEGER

Director of Purchases
Alliance Machine Company
1049 South Mahoning
Alliance, Ohio 44601

Director of Purchases
Morgan Engineering Company
Broadway & PPR
Alliance, Ohio 44601

Director of Purchases
Cleveland Crane Engineering
1271 East 289
Cleveland, Ohio 44132

Director of Purchases
Osborn Manufacturing Company
5401 Hamilton Avenue
Cleveland, Ohio 43219

Director of Purchases
Cuyahoga Industries
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Park Ohio Industries
Tacco Division
3800 Harvard
Cleveland, Ohio 43203

Director of Purchases
H. P. M. Castmaster
820 Marion Road
Mt. Gilead, Ohio 43338

Director of Purchases
Taylor Winfield Manufacturing
Mahoning Avenue
Warren, Ohio 44483

Director of Purchases

Logansport Machine Company

Logansport, Indiana 46947

MCL001766

HARTOLDMON0002759

Director of Purchases
Transcontinental Gas Pipe Line Corp.
3100 Travis Street
Houston, Texas 77001

Mr. J. T. Bunting
Aluminum Company of America
1501 Alcoa Building
Pittsburgh, Pennsylvania

Director of Purchases
United Construction
Westminster, California 92683

Mr. Tom Shibley
Armco Steel Corporation
703 Curtis Street
Middletown, Ohio

Director of Purchases
Westinghouse Electric Corp.
3 Gateway Center
Pittsburgh, Pennsylvania 15230

Mr. Tom Voss, Buyer
Inland Steel
3210 Watling Street
East Chicago, Indiana 46312

Mr. Bill Mihalo
Senior Lube Engineer
Inland Steel
3210 Watling Street
East Chicago, Indiana

Mr. Tom Rex
Purchasing Agent
U. S. Steel
525 William Penn Place
Pittsburgh, Pa. 15230

Director of Purchases
Chelsea Indust. Inc. Park
Salem Plastics & Chemical Inc.
49 Congress
Salem, Massachusetts 01970

Director of Purchases
Outboard Marine
Waukegan, Illinois 60085

Director of Purchases
Columbia Gas
120 East 41st Street
New York, New York 10017

Director of Purchases
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases
Komarek-Greaves
10225 Higgins Road
Rosemont, Illinois 60018

Director of Purchases
Pacific Gas Equipment Co.
P.O. Box 28188
Sacramento, California 95828

Director of Purchases
Laclede Steel
Equitable Building
St. Louis, Missouri

Director of Purchases
Piping Systems
2705 Bernice Road
Lansing, Illinois 60438

Director of Purchases
Mobil Oil Corporation
150 East 42nd Street
New York, New York 10017

Director of Purchases
L. S. Rockefeller
111 West 50th Street
New York, New York 10020

Director of Purchases
Youngstown Sheet & Tube Company
Stambaough Building
Youngstown, Ohio

Director of Purchases
Zapata Offshore Company
1701 Houston Club Building
Houston, Texas 77002

Director of Purchases
A.J. Zinda Company
3509 N.W. Street
Helens Road
Portland, Oregon 97201

HARTOLDMON0002762

Director of Purchases
Wichita Falls Foundry & Machine Co.
P. O. Box 1150
Wichita Falls, Texas 76308

Director of Purchases
Withrow Diecasting Company
13164 Leadwell
North Hollywood, California 91605

Director of Purchases
Wiley Cork Company
14th & Church Streets
Wilmington, Delaware 19899

Director of Purchases
Alan Wood Steel Works
Conshohockten, Pennsylvania

Director of Purchases
Will Brothers Manufacturing Company
3418 McDougall
Detroit, Michigan 48207

Director of Purchases
Wood Preservers Incorporated
Warsaw, Virginia 22572

Director of Purchases
Wilson Diecasting Corporation
501 Main
Grain Valley, Missouri

Director of Purchases
Wynn Oil Company
1151 West 5th Street
Azusa, California

Director of Purchases
K. R. Wilson Div.
Chishalm-Ryder Company, Inc.
Arcade, New York 14009

Director of Purchases
Young & Bertke Company
2118 Winchell Avenue
Cincinnati, Ohio 45214

MCL001770

HARTOLDMON0002763

Director of Purchases
Western Overhead Door
P. O. Box 02204
Portland, Oregon 97202

Director of Purchases
Wheeling Pittsburgh Steel Corp.
Wheeling, West Virginia 26003

Director of Purchases
Western Textile Company
P. O. Box 7139
St. Louis, Missouri 63177

Director of Purchases
Westinghouse Electric Corporation
6001 Southwest Shore Boulevard
Tampa, Florida 33616

Director of Purchases
White Rodgers Company
9797 Reavis Road
St. Louis, Missouri

Director of Purchases
Westinghouse Electric Corporation
Small Motor Division
P. O. Box 566
Lima, Ohio 45801

Director of Purchases
Whiting Corporation
157th and Lathrop
Harvey, Illinois 60426

Director of Purchases
West Virginia Pulp and Paper
299 Park Avenue
New York, New York 10017

Director of Purchases
Whittaker Corporation
Peat Mfg. Div.
10711 East Firestone Boulevard
Norwalk, California 90650

Director of Purchases

Waupaca Foundry, Inc.

Waupaca, Wisconsin 54981

Director of Purchases
Weldotron Corporation
1532 South Washington Avenue
Piscataway, New Jersey

Director of Purchases

D.P. Way Corporation

P.O. Box 6336

Milwaukee, Wisconsin 53209

Director of Purchases
West Penn Power Company
Cabin Hill
Greensburg, Pennsylvania

Director of Purchases

Weil McLain Company Inc.

Michigan City, Indiana 46360

Director of Purchases
Western Arcadia
4115 Ogden Avenue
Chicago 23, Illinois

Director of Purchases
Weinman Pump & Supply Company
110 Delta Drive
Pittsburgh, Pennsylvania 15328

Director of Purchases
Weldotron Corporation
907 Frelinghuysen Avenue
Newark, New Jersey 07114

Director of Purchases
Western Gear Company
2600 East Imperial Highway
Box 190
Lynwood, California 90262

Director of Purchases
Velsicol Chemical
347 East Ohio Street
Chicago 11, Illinois

Director of Purchases
Wagner Electric Corporation
6400 Plymouth Avenue
St. Louis, Missouri

Director of Purchases
Versaform Industries
314 West 168th Street
Gardena, California 90247

Director of Purchases
Jim Walter Corporation
3rd Street & Douglas
Tampa, Florida 33611

Director of Purchases
Viking Chemical Company
1827 18th Avenue
Box 1595
Rockford, Illinois

Director of Purchases
Warner & Swasey
Grandell Division
406 Mill Avenue S.W.
New Philadelphia, Ohio 44663

Director of Purchases
Henry Vogt Machine Company
10th and Ormsby Street
Louisville, Kentucky

Director of Purchases
Warwick Industrial Furnace
and Engineering Company
1125 Wheeling Road
Wheeling, Illinois

Wadco Corporation
Attn: Director of Purchases
P.O. Box 1970
Richland, Washington 99352

Director of Purchases
Waste Control System Inc.
3700 Greenway Plaza
Eastern Airlines Building
Suite 302
Houston, Texas 77027

Director of Purchases
U.S. Metals Refining Company
400 Middlesex Avenue
Carteret, New Jersey

Director of Purchases
Vaughn Machine
Front and Broad Street
Cuyahoga Falls, Ohio 44221

Director of Purchases
The Upjohn Company
301 Henrietta Street
Kalamazoo, Michigan

Director of Purchases

VAW of America

Ellenville, New York 12428

Director of Purchases
Valley Iron & Steel
P. O. Box 230
Eugene, Oregon

Director of Purchases

Vectra Corporation

Odenton, Maryland

Director of Purchases

Valley Metallurgical Processing

Essex, Connecticut

Director of Purchases
Veeder Root Incorporated
28 Sargent Street
Hartford, Connecticut

Director of Purchases

U.S. Foundry

Birmingham, Alabama

Director of Purchases
Tennessee Valley
Power Acctg. Office
233 Edney Building
Chattanooga, Tennessee 37402

Director of Purchases
U.S. Pipe
Burlington Works
E. Pearl Street
Burlington, New Jersey

Director of Purchases
U.S. Navy Payment Office
700 Robbins Avenue
Philadelphia, Pennsylvania 19111

Director of Purchases

U.S.A.F. Wright Patterson

Wright Patterson, Ohio

Director of Purchases
G.C. Marshall Space Flight
Building 4485
Huntsville, Alabama

Director of Purchases
U.S. Government
Department of Air Force
Directoriate Proc. & rod.
San Antonio Air Materials Area
Kelly Air Force Base, Texas

Director of Purchases
Veterans Administration Hospital
2215 Fuller Road
Ann Arbor, Michigan 48105

Director of Purchases
National Advisory Comm.
for Aeronautics
Langley Field, Virginia

Director of Purchases
Comptroller Code 644
Boston Naval Shipyard
Boston, Massachusetts 02129

MCL001775

HARTOLDMON0002768

Director of Purchases
Uniroayl
1230 Avenue of the Americas
New York, New York 10020

Director of Purchases
United Engineering
Vandergrift Plant
Vandergrift, Pennsylvania

Director of Purchases
United Aircraft Corporation
Pratt & Whitney Aircraft
West Palm Beach, Florida

Director of Purchases
United Engineering & Foundry Co.
948 Ft. Duquesne Boulevard
Pittsburgh, Pa.

Director of Purchases
United Airlines Incorporated
Hangar 55
Newark Airport
Newark, New Jersey

Director of Purchases
Universal Manufacturing Company
Mendenhall, Mississippi

Director of Purchases
United Clay Pipe Company
P. O. Box 552
Seminole, Oklahoma 74868

Director of Purchases
Universal Vise and Tool Co., Inc.
8500 East Michigan Avenue
Parma, Michigan 49269

Director of Purchases
United Engineering & Foundry
14th & Grace Street
Canton, Ohio 44705

Director of Purchases
United States Borax & Chemical
Boron, California

Director of Purchases
UMC Industries Incorporated
Universal Match Division
325 Paul Avenue
Ferguson, Missouri 63135

Director of Purchases
Union Malleable Mfg. Company
Ashland, Ohio

Director of Purchases
Unimation Incorporated
Shelter Rock Lane
Danbury, Conn. 06810

Director of Purchases
Union Oil Company of California
Union Oil Center
Los Angeles, California 90054

Director of Purchases
Union Carbide Nuclear Company
Oakridge, Tennessee

Director of Purchases
Union Pacific Railroad
1416 Dodge Street
Omaha, Nebraska

Director of Purchases
Union Carbide
270 Park Avenue
New York, New York

Director of Purchases
Union Texas Petroleum
Div. of Allied Chemical Corp.
P. O. Box 96
Haughton, Louisiana

Director of Purchases
Uniroyal
1230 Avenue of the Americas
New York, New York 10020

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Director of Purchases
Thomas Industries, Inc.
1419 Illinois
Sheboygan, Wisconsin

Director of Purchases
Tomkins-Johnson Company
2425 West Michigan Avenue
Jackson, Michigan

Director of Purchases
Thompson Hayward Chemical Co.
P. O. Box 2383
Kansas City, Kansas 66110

Director of Purchases
Tool Die Engineering Company
3878 East 93rd Street
Cleveland, Ohio 44105

Director of Purchases
TII Dee Products Incorporated
219 Kelly Avenue
Dayton, Ohio

Director of Purchases
Tool Steer Gear & Pinion Company
211 Township Avenue
Cincinnati, Ohio 45216

Director of Purchases
Toledo Engineering Company Inc.
3001 Sylvania Avenue
Toledo, Ohio 43613

Director of Purchases
Transue-Williams Steel & Forging
Division Standard Alliance Ind.
Alliance, Ohio 44601

Director of Purchases
Tolo Incorporated
2401 S. Pullman
Santa Ana, California

Director of Purchases
Tuscon Dairy
750 Union Avenue
Union, New Jersey 07083

Director of Purchases
Teledyne Ryan Aeronautical Company
Lindbergh Field
2710 Harbor Drive
San Diego, California 92112

Director of Purchases
Texas Eastern Instruments Inc.
3609 Buffalo Speedway
Houston, Texas

Director of Purchases
Tenneco Incorporated
Tennessee Building
Houston, Texas 77002

Director of Purchases
Texas Steel Company
3901 Hemphill Street
Fort Worth, Texas 76110

Director of Purchases
Tennessee Eastman
Division of Eastman Kodak
Kingsport, Tennessee 37662

Director of Purchases
Textron Incorporated
10 Dorrance
Providence Rhode Island 02903

Director of Purchases
Tennessee Metallurgical Corporation
308 IBM Building
Chattanooga, Tennessee

Director of Purchases
Thierica Studio
900 Clancy
Grand Rapids, Michigan

Director of Purchases
Texas Eastern Transmission
P.O. Box 2521
Houston, Texas 77001

Director of Purchases
Thiokol Chemical Corporation
Utah Division
Brigham City, Utah

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HARTOLDMON0002772

Director of Purchases
Swingline
3200 Skillman Avenue
Long Island City, New York

Director of Purchases
J. W. Taylor Manufacturing Company
P. O. Box 529
Garland, Texas 75040

Director of Purchases
Swinnerton & Walberg Company
P. O. Box 575
Golden, Colorado

Director of Purchases
Temtek Corporation
P. O. Box 477
Bartlett, Illinois 60103

Syracuse Die Casting Company
Attn: Director of Purchases
2101 Teall Avenue
Syracuse, New York 13206

Director of Purchases
Technical Development Company
2601 Timberland
Dayton, Ohio 45414

Director of Purchases
Sylvester Enterprises
850 Hanna Building
Cleveland, Ohio 44115

Director of Purchases
Telco Incorporated
Service Division
8702 Bessemer Avenue
Cleveland, Ohio 44127

Director of Purchases
Tanner Manufacturing Company
Wesleyville
P. O. Box 7309
Erie, Pennsylvania 16510

Director of Purchases
Teledyne Titanium
P. O. Box 781
Monroe, N. C. 28110

Director of Purchases
Joe Stine
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Stratoflex Incorporated
P. O. Box 10398
Fort Worth, Texas 76114

Director of Purchases
Superior Iron Works & Supply Co.
P. O. Box 7002
Harvey, Louisiana 71107

Director of Purchases
Strite Anderson Company
7585 Viron Road NE
Minneapolis, Minnesota 55432

Director of Purchases
Surftran Company Division
Chemotronics Intl.
30250 Stevenson Hwy.
Madison Heights, Michigan 48071

Director of Purchases
Stroh Die Casting Company, Inc.
11123 West Burleigh Street
Milwaukee 10, Wisconsin

Director of Purchases
Swedish Crucible Steel Company
8801 Conant
Detroit, Michigan 49200

Director of Purchases
Sun Oil Company
1608 Walnut Street
Philadelphia 3, Pennsylvania

Director of Purchases
Swedlow Incorporated
12605 Beach Boulevard
Garden Grove, California

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HARTOLDMON0002774

Director of Purchases
Standard Oil of Indiana
910 South Michigan Avenue
Chicago, Illinois 60605

Director of Purchases
Stauffer Chemical
299 Park Avenue
New York, New York 10017

Director of Purchases
Standard Oil of New Jersey
30 Rockefeller Plaza
New York, New York 10020

Director of Purchases
Stearns Rogers Corporation
P. O. Box 5888
Denver, Colorado 80217

Director of Purchases
Standard Products Company
130 West 110th Street
Cleveland 2, Ohio

Director of Purchases
Steel Improvement and Forge Co.
970 East 64th Street
Cleveland, Ohio 44103

Director of Purchases
Star Fibers Incorporated
Edgefield, South Carolina 29824

Director of Purchases
Stevenson Sales Company, Inc.
P. O. Box 3493
Davenport, Iowa 52808

Director of Purchases
Starlight Tool & Manufacturing Co.
3300 West 7th Street
Joplin, Missouri 53801

Director of Purchases
Steward Machine Company
P. O. Drawer 11066
Birmingham, Alabama 35202

Director of Purchases
Southwest Ind. Equipment
5847 Armour Drive
Houston, Texas 77020

Director of Purchases
Sperry Rand
Vickers Incorporated Division
Maple & Crooks Roads
Troy, Michigan 48084

Director of Purchases
Southwestern Diecasting Company
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
Spinoza Incorporated
P. O. Box 9881
Houston, Texas 77015

Director of Purchases
Spartan Castings
5445 Dodds
Buena Park, California 90620

Director of Purchases

Sprout Waldron & Company Inc.

Muncy, Pennsylvania

Director of Purchases
Speedring Corporation
7117 East 11 Mile Road
Warren, Michigan 48090

Director of Purchases
Stamco Division
Monarch Machine Tool Company
New Breman, Ohio 45869

Director of Purchases
Sperry Rand
1290 Avenue of the Americas
New York, New York 10019

Director of Purchases
Standard Oil of California
225 Bush
San Francisco, California 94104

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Director of Purchases
Skagit Corporation
Sedro Woolley, Washington 98284

Director of Purchases
Smith & Loveless
Lenexa, Kansas 66215

Director of Purchases
SKRL Diecasting Inc.
34580 Lakeland Boulevard
Eastlake, Ohio 44094

Director of Purchases
Southwire Daniles Construction Co.
Hawesville, Kentucky

Director of Purchases
SKS Diecasting Company
2200 4th Street
Berkeley, California 94710

Director of Purchases
Southern California Edison Company
P.O. Box 60753
Los Angeles, California 90060

Director of Purchases
Sloan Kettering Institute for Cancer
Research
410 East 68th Street
New York, New York 10021

Director of Purchases
Southern Natural Gas
c/o W.W. Bennett
Route # 5
Anniston, Alabama

Director of Purchases
A.O. Smith Corporation
3533 North 27th Street
Milwaukee, Wisconsin

Director of Purchases
Southern Manufacturing Company
Aurora, Missouri

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HARTOLDMON0002777

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

Director of Purchases
Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

Director of Purchases
Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

Director of Purchases

Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P. O. Box 400
Dover, Ohio 44622

Director of Purchases
Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases
Singer Company
P. O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Schroeder Brothers Corporation
Box 72
McKees Rocks, Pennsylvania 15136

Director of Purchases
Scott Equipment Company
272 Lee Street
Dayton, Ohio 45404

Director of Purchases
Seven Up Company
12201 Beach Daly Road
Detroit, Michigan 48239

Director of Purchases
Scuba Hut
3906 North Highway 71
Springdale, Arkansas 72764

Shaffer Tool Works
P. O. Box 4008
Beaumont, Texas 77704

Attn: Director of Purchases

Director of Purchases
Sedco Incorporated
1901 Akard
Dallas, Texas 75201

Director of Purchases
Shalda Lighting Products
Hubbell Lighting
156 West Providence
Burbank, California 91503

Director of Purchases
Selas Corporation of America
Drescher, Pennsylvania 19025

Director of Purchases
Sharon Steel
P. O. Box 537
Sharon, Pennsylvania 16146

Director of Purchases
Salem Brosius, Incorporated
Box 2222
Cleveland, Ohio

Director of Purchases
Sangamo Electric Company
P. O. Box 3347
Eleventh & Converse
Springfield, Illinois 62708

Director of Purchases
San Jose Die Casting Company
1422 Bergder Drive
San Jose, California 95112

Director of Purchases
Santa Fe Marine Incorporated
P. O. Box 16306
Houston, Texas 77022

Director of Purchases
Sanders Associates
95 Canal Street
Nashua, N. H. 03060

Director of Purchases
Sanderson & Porter
c/o Keystone Steel and Wire
7000 S. W. Adams
Peoria, Illinois

Director of Purchases
Sargent Industries
Huntington Park Division
2533 East 56th Street
Huntington Park, California 90255

Director of Purchases
Sandvik Steel Incorporated
1704 Nevins Road
Fair Lawn, New Jersey 07410

Director of Purchases
Sayville Incinerator
Town of Islip
Lincoln Avenue
Long Island, New York

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HARTOLDMON0002780

Director of Purchases
Ronson Metals Company
55 Manufacturers Place
Newark, New Jersey 07105

Director of Purchases
Rust Engineering Company
P. O. Box 549
Canton, Ohio 44701

Director of Purchases
Roper Corporation
550 Wehrle Avenue
Newark, Ohio 43055

Director of Purchases
Rust Furnace Company
930 St. Duquesne Boulevard
Pittsburgh, Pa. 15222

Director of Purchases
Rotating Components Incorporated
1560 Fifth Avenue
Bayshore, Long Island, New York

Director of Purchases
Saginaw Paint Manufacturing Company
344 West Genesee
Saginaw, Michigan 48605

Rounds & Stewart
Natural Gasoline Company Inc.
Box 700
Wichita, Kansas

Attn: Director of Purchases

Director of Purchases
St. Louis Diecasting Corporation
201 Rock Industrial Park Drive
Bridgeton, Missouri

Director of Purchases
Rucker Control Systems
4700 San Pablo Avenue
Oakland, California 94608

Director of Purchases
City of Salem Health Department
P. O. Box 266
Salem, Massachusetts

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HARTOLDMON0002781

Director of Purchases
Ridco Casting Company
1155 High Street
Central Falls, Rhode Island

Director of Purchases
Rockford Clutch
Division of Borg Warner
1200 Windsor Road
Rockford, Illinois 61101

Director of Purchases
Ridge Foundry, Incorporated
1554 Doolittle Drive
San Leandro, California

Director of Purchases
Rockwell Manufacturing
400 North Lexington Avenue
Pittsburgh, Pennsylvania 15208

Director of Purchases
Rivett, Incorporated
51 Fremont Street
Needham Heights, Massachusetts
02194

Director of Purchases
Rockwell Manufacturing
Russellville, Ky. 42276

Director of Purchases
Roane Electric Furnace
Division of Woodward Company
P. O. Box 298
Rockwood, Tennessee 37854

Director of Purchases
Rogers Hydraulics
Granite Falls, Minnesota 45241

Director of Purchases
Robinson Ventilating Company
275 Henderson Street
Zelienople, Pennsylvania 16063

Director of Purchases
Rohm & Haas Company
Independence Mall West
Philadelphia, Pennsylvania 19105

Director of Purchases
Edward Rennburg & Sons, Inc.
2639 Boston Street
Baltimore, Maryland 21224

Director of Purchases
Reynolds Metals
Gum Springs, Arkansas

Director of Purchases
Reynolds Metals Company
10th & Byrd Streets
Richmond, Virginia

Director of Purchases
Reynolds Metals Company
P. O. Box 500
Massena, New York

Director of Purchases
Republic Steel Corporation
P. O. Box 6778
Cleveland, Ohio 44101

Director of Purchases
Reynolds Metals
47th and 1st Avenue
McCook, Illinois

Director of Purchases
Rex Chainbelt Incorporated
Hanna Fluid Power Division
1765 Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Rich Manufacturing Company
P. O. Box 910
Corona, California 91720

Director of Purchases
Reynolds Metals
P. O. Box 520
Arkadelphia, Arkansas 71923

Director of Purchases
Richtex Corporation
P. O. Box 3307
Columbia, S. C. 29203

Director of Purchases
Ralston Purina
Health Products Plant
4142 North Union
St. Louis, Missouri 63115

Director of Purchases
Reading Tube Division
Reading Industries, Inc.
P. O. Box 126
Reading, Pennsylvania 19603

Director of Purchases
Ramm Products Company
4436 Walker
Wayne, Michigan 48184

Director of Purchases
Reading Metals Refining Corporation
Subsidiary of Reading Ind., Inc.
P. O. Box 1111
Reading, Pa. 19603

Director of Purchases
Ranger Die Casting Company
10828 South Alameda
Lynwood, California

Director of Purchases
Red Field Brick & Tile Company
Redfield, Iowa 50233

Director of Purchases
Reactive Metals, Incorporated
P. O. Box 720
Ashtabula, Ohio

Director of Purchases

Regina Corporation

Rahway, New Jersey

Director of Purchases
Reactive Metals Incorporated
1000 Warren Avenue
Niles, Ohio 44446

Director of Purchases
Remco Hydraulics
934 South Main Street
Willits, California 95490

Director of Purchases
Price Bros.
4701 Whitelake Road
Clarkson, Michigan 48016

Director of Purchases
Puget Die Casting
2101 South Mildred Street
Tacoma, Washington 98466

Director of Purchases
Prince Manufacturing Company
P. O. Box 31
Holland, Michigan 49423

Director of Purchases
The Quality Casting Company
1225 North Main Street
Orrville, Ohio 44667

Director of Purchases
Process Equipment Company
6555 South State
Route 202
Tipp City, Ohio 45371

Director of Purchases
Racine Chicago Engr.
840 Filne Drive
Addiston, Illinois 60101

Director of Purchases
The Procter & Gamble Company
Buying Department
P. O. Box 599
Cincinnati, Ohio 45201

Director of Purchases
Racine Hydraulic & Machinery Co.
Simplex Division
Licking Road
Zanesville, Ohio

Director of Purchases
PTE Corporation
1345 North Tenth Street
San Jose, California 95112

Director of Purchases
Radiator Specialty Company
P. O. Box 10628
Charlotte, North Carolina 28201

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HARTOLDMON0002785

Director of Purchases
Pratt & Whitney Aircraft
400 Main Street
East Hartford, Conn. 06108

Director of Purchases
Prestolite
Division Eltra Corporation
West Springfield, Massachusetts

Director of Purchases
Precision Castings Company
12600 Berea Road
Cleveland, Ohio 44111

Director of Purchases
Press Automation Systems
Division U. S. Industries
3840 East Outer Drive
Detroit, Michigan 48234

Director of Purchases
Precision Castparts Corporation
4600 S. E. Harney Drive
Portland, Oregon 97206

Director of Purchases
Pressure Castings Incorporated
21500 St. Clair Avenue
Cleveland, Ohio 44119

Director of Purchases
Precision Sheet Metal
5235 West 104th Street
Los Angeles, California 90045

Director of Purchases
Prescolite-Itco Plant
Division of U. S. Industries
P. O. Box 151
El Dorado, Arkansas

Director of Purchases
Pittsburgh De Moires Steel Co.
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Ponka Drilling & Products Company
Box 753
Rangely, Colorado 81648

Director of Purchases
Pittsburgh Plate Glass
Glass Division
Works No. 26,
Crestline, Ohio 44874

Director of Purchases
Potlatch Forests Incorporated
Pulp & Paperboard Division
Lewiston, Idaho

Director of Purchases
PPP Industries, Inc.
Coatings & Resins Division
3 1/2 miles S. of U.S. Route 23
Circleville, Ohio

Director of Purchases
The William Powell Company
2503 Spring Grove Avenue
Cincinnati, Ohio 45214

Director of Purchases
PPG
Class Division
Works No. 27
Tipton, Pennsylvania 16684

Director of Purchases
Power Draulics Nielsen
550 South Columbus Avenue
Mt. Vernon, New York 10550

Director of Purchases
Pomona Diecast
1479 West Second Street
Pomona, California 91766

Director of Purchases
Powers Regulator Company
3400 Oakton Street
Skokie, Illinois 60076

Director of Purchases
Petrotomics Company
P. O. Box 2450
Casper, Wyoming 92601

Director of Purchases
Phelps Dodge Corporation
300 Park Avenue
New York, New York

Director of Purchases
Pevely Dairy Company
Purchasing Department
Grand & Chouteau Avenue
St. Louis, Missouri 63103

Director of Purchases
Phelps Dodge Copper Products
P. O. Box 20200
El Paso, Texas 79998

Director of Purchases
Charles Pfizer & Company, Inc.
Vigo Plant
Terre Haute, Indiana 47080

Director of Purchases
Phoenix Die Casting
23 Illinois Street
Buffalo, New York 14204

Director of Purchases
George Pfleger
Lantana Boat Yard
808 North Dixie Highway
Lantana, Florida

Director of Purchases

Phoenix Steel

Claymont, Delaware 19703

Director of Purchases
G. P. Pfleger
1501 Westcliff Drive
Suite 301
New Port Beach, California 92560

Director of Purchases
The Pillsbury Company
311 Second Street Southeast
Minneapolis, Minnesota 55414

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Director of Purchases
Parker Hannifin Corporation
18321 Jamboree Boulevard
Irvine, California 92664

Director of Purchases
Pennwalt Corporation
Stokes Division
5500 Tabor Road
Philadelphia, Pennsylvania 19120

Peasley Products Incorporated
Attn: Director of Purchases
993 Honeyspot Road
Stratford, Conn. 06497

Director of Purchases
Perfection Heat Treating Company
1756 West Hubbard Street
Chicago, Illinois 60622

Director of Purchases
Peco Manufacturing Company Inc.
P. O. Box 02156
Portland, Oregon 97202

Director of Purchases
Penn Controls Incorporated
Goshen, Indiana

Director of Purchases
Permanent Casting Incorporated
P. O. Box 191
285 Shady Grove Road
Hot Springs, Arkansas 71901

Director of Purchases
Pennsylvania Refining Company
Ohio Division
2685 Lisbon Road
Cleveland, Ohio 44104

Director of Purchases
Petroleum Distributing Co., Inc.
P. O. Box 203
Houston, Texas 77001

Director of Purchases
Overmyer Corporation
Winchester, Indiana 47394

Director of Purchases
Town of Oyster Bay
Sanitary Services Incinerator
Plant 2
Winding Road
Old Bethpage, New York

Director of Purchases
Overton Foundry
9850 Adella Street
South Gate, California

Director of Purchases
Pacific Lighting Service Company
P. O. Box 54790
Terminal Annex
Los Angeles, California 90054

Director of Purchases
Owens Aluminum Corporation
P. O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Pan Am World Airways
P. O. Box 1412
Grand Central Station
New York, New York 10017

Director of Purchases
Owens Corning Fiberglass Corporation
Anderson, South Carolina

Director of Purchases
Panhandle Eastern Pipe Line Compa
P. O. Box 1348
Kansas City, Kansas 64141

Director of Purchases
Owens Illinois Incorporated
1700 North Westwood Avenue
Toledo, Ohio 43607

Director of Purchases
Park Ohio Industries Incorporated
Ohio Crankshaft Division
3800 Harvard Avenue
Cleveland, Ohio 44105

Director of Purchases
Ohio Energy Systems
1055 West 3rd Street
Columbus, Ohio 43212

Director of Purchases
Oregon Steel Mills
5200 N.W. Front Avenue
Portland, Oregon 97210

Director of Purchases
Oil States Rubber Company
P.O. Box 670
Arlington, Texas 76010

Director of Purchases
Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida 32801

Director of Purchases
Olin Corporation
P.O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Ormet Corporation
P.O. Box 176
Omal, Ohio 43931

Director of Purchases
Omark Industries
Williams Air Control Division
14100 S.W. 72nd
Portland, Oregon 97223

Director of Purchasing
Oswego Casting Corporation
Mitchell Street
Oswego, New York 13126

Director of Purchases
Orange County Diecasting
1367 North Santiago Avenue
Santa Ana, California 92705

Director of Purchasing
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases

Northern Packaging Corporation

Rochester, New York

Director of Purchases
Novamont Corporation
Neal Works
P. O. Box 189
Kenova, West Virginia 25530

Director of Purchases
Northland Resources
P. O. Box 668
Rangely, Colorado

Director of Purchases
Oak Manufacturing Company
650 South Avenue 21
Los Angeles, California 90031

Northern Malleable Iron Company
867 Forest Street
St. Paul, Minnesota 55106

Attn: Director of Purchases

Director of Purchases
Obear Nester Glass Company
Lincoln Plant
Lincoln, Illinois, 62656

Director of Purchases
Northrop Corporation
Aircraft Division
3901 West Broadway
Hawthorne, California 90250

Director of Purchases
Ocean Drilling & Exploration Company
P. O. Box 61780
1600 Canal Street
New Orleans, Louisiana 70160

Director of Purchases
Northwestern Steel & Wire
121 Wallace Street
Sterling, Illinois 61081

Director of Purchases
Ohio Brass Company
300 North Diamond Street
Mansfield, Ohio 44902

Director of Purchases
Neuschotz Engineering
6500 South Avalon Boulevard
Los Angeles, California 90003

Director of Purchases
Nordberg Manufacturing Company
P. O. Box 383
Milwaukee, Wisconsin 53201

Director of Purchases
City of New Madrid
c/o Noranda Aluminum, Inc.
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
Norris Industries
5215 South Boyle Avenue
Los Angeles, California 90058

Director of Purchases
Newman Machine Company Inc.
P. O. Box 5467
Greensboro, N. C. 27403

Director of Purchases
North American Foundry Company
4721 Zero Street
Fort Smith, Arkansas 72901

Director of Purchases
N. L. Industries, Incorporated
Titanium Division
Carondelet Station
St. Louis, Missouri

Director of Purchases
North American Manufacturing Co.
4455 East 71st Street
Cleveland, Ohio 44105

Director of Purchases
Noranda Mines
Conductor Division
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
North American Rockwell Corp.
1700 East Imperial Highway
El Segundo, California

Director of Purchases
National Aluminum
c/o Brown & Roote
Hawesville, Kentucky

Director of Purchases
National Metallurgical
1801 South A Street
P. O. Box 56
Springfield, Oregon 97477

Director of Purchases
National Cooperative
Refinery Association
McPherson, Kansas

Director of Purchases
National Starch & Chemical Corp.
1735 West Frong Street
Plainsfield, N. J. 07063

Director of Purchases
National Gypsum Company
North Avenue
Garwood, New Jersey

Director of Purchases
Natural Gas Pipe Line Co. of Am.
122 South Michigan Avenue
Chicago 3, Illinois

Director of Purchases
National Machinery
Greenfield & Staunton Streets
Tiffin, Ohio 44883

Director of Purchases
Natural Gas Pipe Line Co. of Am.
Box 72
Highway 34
Jackson, Missouri 63755

Director of Purchases
National Metal Abrasive Company
3560 Norton Road
Cleveland, Ohio 44111

Director of Purchases
Nefco Filter Corporation
Box 280
Stoughton, Wisconsin 53589

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Director of Purchases
Montgomery Elevator Company
4135 Brownsville Road
Pittsburgh, Pennsylvania

Director of Purchases
A. B. Mueller & Company
2101 East John Street
St. Louis, Missouri

Director of Purchases
Montana Power
Purchasing Department
P. O. Box 1338
Butte, Montana 59701

Director of Purchases
Murdock Incorporated
15800 South Avalon Boulevard
Compton, California 90220

Director of Purchases

Jack Morris

Neddesha, Kansas 66757

Director of Purchases
T. O. Murphy
247 West Lorain
Oberlin, Ohio 44074

Director of Purchases

Mueller Company
630 Lambert
Brea, California 92621

Director of Purchases
L. W. Nash Company
P. O. Box 151
E. Palestine, Ohio 44413

Director of Purchases

Mueller Brass Company

Port Huron, Michigan

Director of Purchases
Nassau Smelting & Refining Company
1 Nassau Place
Staten Island, New York 10307

Director of Purchases
Mobil Chemical Company
Chemical Coatings Division
P. O. Box 1388
Plainfield, New Jersey 07062

Director of Purchases
Modern Die Casting Corporation
5419 North Kedzie Avenue
Chicago, Illinois 60640

Director of Purchases
Mobil Oil Corporation
P. O. Box 2122
Los Angeles, California 90054

Director of Purchases
Modern Equipment Company
336 South Spring Street
Port Washington, Wisconsin 53074

Director of Purchases
4 Penn Center Plaza
16th & J. F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103

Director of Purchases
Moen Machine Works
9425 Norwalk Boulevard
Santa Fe Springs, California 90670

Director of Purchases
Moffitt Incorporated
P. O. Box 136
Penna Route 136
Eighty Four, Pennsylvania 153330

Mobil Oil Corporation
Attn: Director of Purchases
P. O. Box 3311
Beaumont, Texas

Director of Purchases
Moline Malleable Iron Company
St. Charles, Illinois 60174

HARTOLDMON0002796

Director of Purchases
Midland Ross Corporation
Electrical Products
Highway 11 Bypass
Congress Parkway
Athens, Tennessee

Director of Purchases
Minnesota Mining & Manufacturing C
P. O. Box 33121
St. Paul, Minnesota 55133

Director of Purchases
Midwest Fluid Power Company
4325 Harris Street
Toledo, Ohio 43613

Director of Purchases
Minnkota Paper Coop, Incorporated
P. O. Box 127
Center, N. C. 58530

Director of Purchases
Midwest Foundry Company
Division L. A. Darling Company
Coldwater, Michigan

Director of Purchases
Mirro Aluminum Company
Plant 2
Manitowoc, Wisconsin

Director of Purchases
Miller Tool & Die Company
835 Belden Road
Jackson, Michigan 49203

Director of Purchases
Mission Corporation
c/o Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma 74119

Director of Purchases
Milwaukee Die Casting Company
4132 North Holton Street
Milwaukee, Wisconsin 53211

Director of Purchases
Missouri Rogers Corporation
Missouri Casting Division
P. O. Box 1385
905 East Third Street
Joplin, Missouri 63801

HARTOLDMON0002797

Director of Purchases
Mercer Alloys
P. O. Box 511
Greenville, Pennsylvania 16125

Director of Purchases
Michigan Wisconsin Pipe Company
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Metalart Buckle Company
166 Valley Street
Providence, Rhode Island 02909

Director of Purchases
Methodist Hospital
6516 Bertner Drive
Houston, Texas 77025

Director of Purchases

Micro Switch

Freeport, Illinois 61033

Director of Purchases
Metropolitan Edison Company
P. O. Box 542
Reading, Pennsylvania 19603

Director of Purchases
Mid American Canning Corporation
US 41A at Tucker
Schoolhouse Road
Madisonville, Kentucky 42431

Director of Purchases
Michigan Standard Alloys Incorporated
P. O. Box 691
Benton Harbor, Michigan 49022

Director of Purchases
Midland Division
Dexter Corporation
1785 North Eastern Avenue
Los Angeles, California 90032

MCL001805

HARTOLDMON0002798

Director of Purchases
McDonnell-Douglas Astronautics Co.
Accounts Payable
5301 Balsa Avenue
Santa Monica, California 92647

Director of Purchases
Arthur G. McKee & Company
10 South Riverside Drive
Chicago, Illinois 60606

Director of Purchases
Mc Donnell-Douglas
Brown Road
St. Louis, Missouri

Director of Purchases
McLouth Steel Corporation
300 South Livernois Avenue
Detroit, Michigan

Director of Purchases
McGraw Edison Company
333 West River
Elgin, Illinois 60120

Director of Purchases
F.W. Means Company
1225 West High Street
Lexington, Kentucky 40508

Director of Purchases
Bersted Manufacturing Division
McGraw Edison Company
Tupelo, Mississippi 38801

Director of Purchases
Melamine Plastics Corporation
Div. Universal Manufacturing Co.
516 West Fourth Street
Winona, Minnesota

Director of Purchases
Power Systems Division
12th & Madison Avenues
South Milwaukee, Wisconsin 53172

Director of Purchases

Mercer Alloys Company

Transfer, Pennsylvania

Director of Purchases

Manco Mfg. Company

Bradley, Illinois

Director of Purchases
Marvel Engineering
7227 North Hamlin
Chicago, Illinois 60645

Director of Purchases
Marathon Oil Company
539 South Main
Findlay, Ohio 45840

Director of Purchases
Masten Corporation
3555 West Adison
Chicago, Illinois 60618

Director of Purchases

Marion Bronze Company

Marion, Ohio

Director of Purchases
Materials Transportation Company
1685 North Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Marine Purchasing Corporation
60 Broad Street
New York, New York 10004

Director of Purchases
Matthiessen & Hegeler
Zinc Company
LaSalle, Illinois 61301

Director of Purchases
G. C. Marshall Space Flight Center
Building 4485
Huntsville, Alabama 35812

Director of Purchases
McCullough Corporation
6101 West Century Boulevard
Los Angeles, California 90045

MCL001807

HARTOLDMON0002800

Director of Purchases

Logansport Machine Company Inc.

Logansport, Indiana 46947

Director of Purchases

Lyons Diecasting

Buckner, Missouri

Director of Purchases
Logi Trol Incorporated
135 Weldon Parkway
Maryland Heights, Mo. 63043

Director of Purchases
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin 53704

Director of Purchases
Los Angeles Die Casting Company
340 Crocker
Los Angeles, California

Director of Purchases
Magna Copper Company
San Manuel Division
Refinery Warehouse
San Manuel, Arizona 85631

Director of Purchases
Louden Division
American Chain & Cable Company
Fairfield, Iowa

Director of Purchases
Magnesium Casting Company
98 Business Street
Hyde Park, Boston, Massachusetts

Director of Purchases
Lynchburg Foundry Company
58 Courtland Building
P. O. Drawer 411
Lynchburg, Virginia 28501

Director of Purchases
Magnus Metal Company
1029 West 7th Street
Cincinnati, Ohio 45203

Director of Purchases
Lester Industries, Incorporated
P. O. Box 46309
Bedford, Ohio 44146

Director of Purchases
E. C. Ernst Incorporated
c/o L. Jones & Laughlin
Blast Furnace Crow Island
West Aliquippa, Pa. 15001

Director of Purchases
Leydold-Heraeus
Seco Road
Monroeville, Pennsylvania 15416

Director of Purchases
Litton Industries Incorporated
Ingalls East Division
P. O. Box 149
Pascagoula, Mississippi

Director of Purchases
Libby Owens Ford Company
811 Madison Avenue
Toledo, Ohio

Director of Purchases
L&L Whitemetal Casting Corporation
480 Gotham Parkway
Carlstadt, New Jersey 07072

Director of Purchases
Lindberg Corporation
Furnace Division
1211 East Fewer Road
Schauburg, Illinois 60172

Director of Purchases
Jones & Laughlin Steel Corporation
SE Corner 3rd Avenue & Ross
Pittsburgh, Pa.

Director of Purchases
Ling Temco Vought Corporation
c/o J&L Steel Corporation
Hennepin Works Division
Hennepin, Illinois 61327

Director of Purchases
Lockheed California
3220 Thornton Avenue
Burbank, California 91503

Director of Purchases
Kux Machine Corporation
2100 South Wolf Road
Des Plaines, Illinois

Director of Purchases
City of Lakeland
Division of Larsen Power Plant
Lackland, Florida

Director of Purchases
Kyle Machine Works
6928 Commerce Street
El Paso, Texas

Director of Purchases
Lansco Diecasting
9630 East Fern
South El Monte, California 91733

Director of Purchases
Laclede Gas Company
Purchasing Department
Drawer 9, Central Station
St. Louis, Missouri 63188

Director of Purchases

Latrobe Steel Company

Latrobe, Pennsylvania

Director of Purchases
Laclede Steel Company
Arcade Building
St. Louis, Missouri

Director of Purchases
Lectromelt Corporation
P.O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases

Laclede Steel

Alton, Illinois

Director of Purchases
Lester Engineering Company
2711 Church Street
Cleveland, Ohio 44113

MCL001810

HARTOLDMON0002803

Director of Purchases
Kennecott Copper Corporation
161 East 42nd Street
New York, New York 10017

Director of Purchases
Kiekaefer Mercury Division
Brunswick Corporation
1939 Pioneer Road
Fond du Lac, Wisconsin

Director of Purchases
Kerr McGee Corporation
c/o American Potash & Chemical Corp.
Kerr McGee Building
Oklahoma City, Oklahoma 73102

Director of Purchases
Kipstron Incorporated
1143 Furton S. E.
Grand Rapids, Michigan 49507

Director of Purchases
Keystone Brass Works Incorporated
944 West 12th Street
Erie, Pennsylvania 16512

Director of Purchases

Kitchen Quip Incorporated

Waterloo, Indiana

Director of Purchases
Keysonte Steel & Wire Company
6900 S. Adams Street
Peoria 7, Illinois

Director of Purchases
Koppers Company
Koppers Building
Room 1322
Pittsburgh, Pa. 15219

HARTOLDMON0002804

Director of Purchases
Kaiser Aluminum & Chemical Corp.
3400 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Kawneer Company
P. O. Box 516
Jonesboro, Georgia 20236

Director of Purchases
Kamin Die Casting
3315 North Knox
Chicago, Illinois 60641

Director of Purchases
M. W. Kellogg Company
711 Third Avenue
New York, New York

Director of Purchases
Kason Hardware Corporation
Colesville Road
Binghamton, New York 13902

Director of Purchases
Kelsey Hayes Company
38481 Huron River Drive
P. O. Box 98
Detroit, Michigan 48174

Director of Purchases
Kasper Foundry Company
P. O. Box 549
Elyria, Ohio 44035

Director of Purchases
Kenco Die Casting and Engineering C
14418 S. San Pedro Street
Gardena, California 90247

Director of Purchases
Kawecki Chemical Company
Wenatchee Works
P. O. Box 1704
Wenatchee, Washington 98801

Director of Purchases
Kennametal Incorporated
Labrobe, Pennsylvania 15650

Director of Purchases
Joslyn Stainless Steel
1701 McKinely Avenue
Ft. Wayne, Indiana

Director of Purchases
JMP Air Company
Lake Tenikeler
Star Route
Vian, Oklahoma 74926

Director of Purchases
The Joyce-Cridland Company
1st & Hott Streets
Dayton, Ohio 45403

Director of Purchases
Ben Johnson Associates, Inc.
460 South 1st Street
Bangor, Pennsylvania 18013

Director of Purchases
Julian Aluminum Foundry Company
13651 Helen
Detroit, Michigan 49212

Director of Purchases
Jones Boat Yard
3399 N. W. So. River Drive
Miami, Florida

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 89
Oakland, California 94604

Director of Purchases
E. M. Jorgensen Steel Company
8531 East Marginal Way South
Seattle, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 6217
Spokane 28, Washington

MCL001813

HARTOLDMON0002806

Director of Purchases
International Paper Company
Southern Kraft Division
P. O. Box 2448
Mobile, Alabama 36601

Director of Purchases
ITT Controls and Instruments
801 Allen Avenue
Glendale, California

Director of Purchases
International Tool and Supply Company
P. O. Box 3292
Houston, Texas 77001

Director of Purchases
ITT Federal Support Services, Inc.
Federal Building
Box 100
Richland, Washington 99352

Director of Purchases
Ireco Industries Incorporated
1300 Bethel Drive
P. O. Box 2709
Eugene, Oregon 97402

Director of Purchases
ITT Rayonier Incorporated
P. O. Box 299
Hoquiam, Washington 98550

Director of Purchases
Town of Islip
County of Suffolk
Town Hall, Main Street
Islip, New York 11751

Director of Purchases
Jackes-Evans Manufacturing Co.
11737 Administration Drive
West Port Industrial Park
St. Louis, Missouri 53141

Director of Purchases
ITT Cannon Electric Company
666 East Dryer Road
Santa Ana, California

Director of Purchases
Jade Corporation
3063 Philmont Avenue
Bethayres, Pennslyvania 19006

HARTOLDMON0002807

Director of Purchases
Ingersoll-Rand Company
Industrial Park
Campbellville, Ky. 42718

Director of Purchases
Interlakes Engineering
39200 Groesbeck Highway
Mt. Clemens, Michigan 48043

Director of Purchases
Intermarine Services, Incorporated
7016 North Loop East
Houston, Texas 77028

Director of Purchases

Ingram Richardson, Inc.

Frankfort, Indiana 46041

Director of Purchases
IMB Corporation
Monterey & Cottle Roads
San Jose, California 95114

Director of Purchases
International Cast Products, Inc.
1505 West 139th Street
Gardena, California

Director of Purchases
Interlake Steel Corporation
135th & Perry Avenue
Chicago, Illinois 60627

Director of Purchases
International Harvester Company
Melrose Park Works
10400 West North Avenue
Melrose Park, Illinois

HARTOLDMON0002808

Director of Purchases
Hydranamics Systems Corporation
19613 81st Street South
Kent, Washington

Director of Purchases
Illinois Brick Company
Block Plant 2
1234 Rd. and California
Blue Island, Illinois

Director of Purchases
Hydraulic & Air Equipment Company
1925 N. W. Quimby Street
Portland, Oregon 97209

Director of Purchases
Illinois Lock Company
301 West Hintz Road
Wheeling, Illinois 60090

Director of Purchases
Hydraulic Service Company
522 Township Line Road
Cheltenham, Pennsylvania 19012

Director of Purchases
Impact Die Casting Corporation
1212 East Sixth Street
Sandwich, Illinois

Director of Purchases
Hydro Conduit Corporation
P. O. Box 939
Corona, California 91720

Director of Purchases
Inductotherm Corporation
10 Indel Avenue
Rancocas, New Jersey 08073

Director of Purchases
Ideal Fishing Float Company, Inc.
2001 East Franklin Street
Richmond 3, Virginia

Director of Purchases
Industrial Castings Incorporated
9400 Meech Avenue
Cleveland, Ohio 44105

Director of Purchases
E. F. Houghton & Company
300 West Lehigh Avenue
Philadelphia 33, Pennsylvania

Director of Purchases
Hugle Industries
625 North Pastoria Avenue
Sunnyvale, California 94086

Director of Purchases
Houston Systems Mfg.
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Humble Oil & Refining Company
Benicia Refinery
Benicia, California

Director of Purchases
Howmet Corporation
Aluminum Division
P. O. Box 1167 TR
Lancaster, Pennsylvania 17604

Director of Purchases
Hunt Wesson Foods Incorporated
Glass Container Corporation
P. O. Box 3758
Term Annex
Los Angeles, 54, California

Director of Purchases
Huckins Tod & Die Company
1010 Prairie Avenue
Southbend, Indiana 46621

Director of Purchases
Hunt Wesson Foods Incorporated
4421 West 31st Street
Chicago, Illinois

Director of Purchases
Huffaker Plumbing and Heating Co.
725 Front Street
Troy, Ohio 45373

Director of Purchases
Hyatt Die Casting & Engineering Co.
4656 Lincoln Avenue
Cypress, California 90630

Director of Purchases
High Voltage Power Corporation
Walk Up Drive
Westboro, Ma. 01581

Director of Purchases
Honeywell Incorporated
17300 South Western Boulevard
Gardena, California 90427

Director of Purchases
Hilliard Corporation
100 West 4th Street
Elmira, New York 14902

Director of Purchases
Honeywell Incorporated
Ordnance Division
600 2nd Street North
Hopkins, Minnesota

Director of Purchases
Hitchcock Industries, Incorporated
8701 Bloomington Avenue South
Minneapolis, Minnesota

Director of Purchases
Hooker Chemical Corporation
P.O. Box 344
Niagara Falls, New York

Director of Purchases
Holly Hydraulics Incorporated
Monmount Road
Rd. 1
Mt. Holly, New Jersey 08060

Director of Purchases
Hopping Foundry
367 Arroyo Parkway
Pasadena, California

Director of Purchases
Holt Industries, Inc.
5221 Lincolm Boulevard
Venice, California

Director of Purchases
Hot Springs Brass and Foundry Co.
418 Cleveland Street
Hot Springs, Arkansas 71901

Director of Purchases
W.R. Grace & Company
Nitrogen Products
P.O. Box 277
Memphis, Tennessee 38101

Director of Purchases
Heat & Control
225 Shaw Road
San Francisco, California 94080

Director of Purchases
Havenly Products Company
Box 222
St. Clair Shores, Michigan

Director of Purchases
Heisler Machine & Tool Company
224 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Hawthorne Melody Farms Dairy
4201 West Chicago Avenue
Chicago, Illinois 60651

Director of Purchases
Helmerich & Payne Intl.
Utica & 21st Street
Tulsa, Oklahoma 74114

Director of Purchases
Hays Manufacturing Company
12th and Liberty Streets
Erie, Pennsylvania 16512

Director of Purchases
Hercules Incorporated
Radford Arsenal
Radford, Virginia

Director of Purchases
Peter Healey Brass Foundry Inc.
P.O. Box 4163
Station A
Evansville, Indiana 47711

Director of Purchases
Hewlett Packard Company
1401 Page Hill Road
Palo Alto, California 94304

Director of Purchases
Harvey Aluminum
P. O. Box 8
Lewisport, Kentucky 43251

Director of Purchases

Hanna Nickle Smelting Company

Riddle, Oregon 97469

Director of Purchases
Harvey Aluminum Incorporated
19200 South Western Avenue
Torrance, California 90509

Director of Purchases
H. M. Harper Company
8200 Le High Avenue
Morton Grove, Illinois 60053

Director of Purchases
Harvey Aluminum Reduction Division
P. O. Box 711
The Dalles, Oregon

Director of Purchases
Harrison Machine Company
3118 Station Road
P. O. Box W 67
Wesleyville, Erie, Pa. 16510

Director of Purchases
H. L. Harvill Manufacturing Company
24201 Orange Avenue
Perris, California

Director of Purchases
Harvey Aluminum of Washington
Star Route 677
P. O. Box 677
Goldendale, Washington 98620

Director of Purchases
Hatco Chemical Division
W. R. Grace & Company
King George Post Road
Fords, New Jersey, 08863

Director of Purchases
Great Western Sugar Company
Terminal Annex
P. O. Box 5308
Denver, Colorado

Director of Purchases
Gulf Coast Aluminum Corporation
P. O. Box LL
Lake Charles, Louisiana 70601

Director of Purchases

A. P. Green Refractories

Mexico, Missouri 65265

Director of Purchases
Gulf Oil Corporation
P. O. Box 1166
Gulf Building
Pittsburgh, 40, Pa.

Director of Purchases
Griffin Pipe Products Company
R. D. Plant
1100 West Front Street
Florence, New Jersey 08518

Director of Purchases
Gulf States Tube Corporation
P. O. Box 952
Rosenberg, Texas 77471

Director of Purchases
Grinnell Corporation
P. O. Box 59
Columbia, Pennsylvania 17512

Director of Purchases
Hallenberger Incorporated
P. O. Box 5085
Evansville, Indiana 47711

Director of Purchases
Grotnes Machine Works Incorporated
5454 North Wolcott
Chicago, Illinois 60640

Director of Purchases
Hamco Division
Kayex Corporation
1000 Millstead Way
P. O. Box 8920
Rochester, New York 14624

Director of Purchases
Globe Industries Incorporated
1784 Stanley Avenue
Dayton 4, Ohio

Director of Purchases
Goulds Pumps Incorporated
Seneca Falls, New York 13148

Director of Purchases
Golden Foundry Company
1616 10th Street
Columbus, Indiana 47201

Director of Purchases
Grand Steel & Mfg. Company
1400 West 14 Mile Road
Clawson, Michigan 48017

Director of Purchases
The Goodyear Tire & Rubber Co.
Akron, Ohio 44315

Director of Purchases
Granite City Steel Company
Granite City, Illinois

Director of Purchases
Goslin-Birmingham, Incorporated
8th Avenue and 33rd Street North
Birmingham, Alabama 35222

Director of Purchases
Great Lakes Carbon Corporation
P. O. Box 2868
Carondelet Station
526 East Catalin Street
St. Louis, Missouri 63111

Director of Purchases
Gould Incorporated
Clevite Bearing Division
17000 St. Claire Avenue
Cleveland, Ohio 44110

Director of Purchases
Great Lakes Gas Transmission Compa
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Getty Oil Company
4201 Wilshire Boulevard
Tidewater Building
Los Angeles, 5 California

Director of Purchases
Glass Rock Products
2710 Marietta Boulevard N. W.
Atlanta, Georgia 30319

Director of Purchases
Getty Oil Company
P. O. Bin H
Taft, California 93268

Director of Purchases
Glass City Tool and Die Company
5202 Enterprise Boulevard
Toledo, Ohio 43612

Director of Purchases
Getty Oil Company
P. O. Box 954
Coalinga, California

Director of Purchases
Glen-Gery Corporation
P. O. Box 1656
East Canton, Ohio 44730

Director of Purchases
Gilmore Industries Inc.
3355 Richmond Road
Cleveland, Ohio 44122

Director of Purchases
Glenvale Products Division
Hoover Ball Bearing Company
P. O. Box 220
Malvern, Arkansas 72104

Director of Purchases
GIM Metal Products Inc.
164 Glen Cove Road
Carle Place, New York 11514

Director of Purchases
Global Supply
P. O. Box 1523
Houston, Texas 77001

Director of Purchases
General Motors Corporation
Chevrolet-Saginaw Grey Iron Foundry
10th and Washington
Saginaw, Michigan

Director of Purchases
General Dynamics Corporation
P. O. Box 748
Fort Worth, Texas 76101

Director of Purchases
General Motors Corporation
Central Foundry Division
77 West Center Street
Saginaw, Michigan

Director of Purchases
General Shale Products, Incorporated
P. O. Box 96
Morresville, Indiana 46158

Director of Purchases
General Motors Corporation
Definace Plant
Definace, Ohio

Director of Purchases
Georgetown Steel
P. O. Box 619
Georgetown, South Carolina 29440

Director of Purchases
General Motors Corporation
New Departure
Hyatt Bearings
Sandusky, Ohio 44871

Director of Purchases
Gerard Metal Craftsman
151 West Rosecrans Avenue
Gardena, California 90247

Director of Purchases
General Casting Corporation
Route 6
Jefferson Valley, New York 10535

Director of Purchases
Gerity Schultz Corporation
1810 Clinton Street
Toledo, Ohio 43607

Director of Purchases
General Motors Corporation
Chevrolet Motors Division
Roosevelt Town
Massena, New York 13662

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
Attn: Financial Dept.
P. O. Box 460
Massena, New York 13662

Director of Purchases
General Motors Corporation
Delco Remy Division
Accounts Payable Department
Anderson, Indiana 46014

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
P. O. Box 21
Buffalo, New York 14240

Director of Purchases
General Motors Corporation
Proving Grounds
Accounts Payable
Milford, Michigan 48042

Director of Purchases
General Motors Corporation
Chevrolet Bay City Plant
100 Fitzgerald Street
Bay City, Michigan 48706

Director of Purchases
General Motors Corporation
Buick Motor Division
Hamilton Avenue
Flint, Michigan

Director of Purchases
GMC Chevrolet Motor Division
Buffalo Plant
1001 East Delavan Avenue
P. O. Box 972
Buffalo, New York 14240

Director of Purchases
Pontiac Motor Division
Box 55
Pontiac, Michigan

Director of Purchases
General Electric Company
Apparatus Service Shop
156 Circle Freeway Drive
Cincinnati, Ohio 45246

Director of Purchases
General Electric
Service Shop
175 Milens Road
Tonawanda, New York 14150

Director of Purchases
General Electric
Lamp Metals & Components
21800 Tungsten Road
Cleveland, Ohio 44117

Director of Purchases
General Motors Corporation
Delco Battery Operations
Delco Remy Division
1201 North Magnolia
Anaheim, California

Director of Purchases
General Electric Company
4811 Chaffey Access Road
Fort Smith, Arkansas

Director of Purchases
General Motors Corporation
Delco Remy Division
P. O. Box 2439
Accounts Payable Department
Anderson, Indiana 46011

Director of Purchases
General Electric
1801 South 12th Street
Allentown, Pa. 18103

Director of Purchases
General Motors Corporation
Delco Radio Division
Kokomo, Indiana

Director of Purchases
General Electric
Atomic Power Equipment Department
P. O. Box 254,
2151 South First Street
San Jose, California

Director of Purchases
General Motors
Central Foundry Division
77 West Center Street
Saginaw, Michigan 48605

Director of Purchases
Formex Company
Austin Street
P. O. Box 330
Greenville, Tennessee

Director of Purchases
Gedney Electric Company
Main Street
Terryville, Conn. 06786

Director of Purchases
Ft. Smith Industrial Foundation Corp.
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
General Cable Corporation
500 High Street
Perth Amboy, N. J.

Director of Purchases
Fraser Machine Products
6338 Lindmar Drive
Goleta, California 92017

Director of Purchases
General Electric
Accounts Payable
Building 5, Room 137
Louisville, Kentucky 40225

Director of Purchases
J. L. French Corporation
3101 S. Taylor Drive
Sheboygan, Wisconsin

Director of Purchases
General Electric
1731 Edsall Avenue
Ft. Wayne, Indiana 46803

Director of Purchases
Gardner Denver Company
Gardner Expressway
Quincy, Illinois 62301

Director of Purchases
General Electric
Aerospace Electronics
Accounts Payable Dept.
Box 459

Utica, New York 13503

MCL001827

HARTOLDMON0002820

Director of Purchases
Federal Mogul Division
Federal Mogul Corporation
451 County Line Road
Mooresville, Indiana 46158

Director of Purchases
Florida Steel Corporation
P. O. Box 3321
Tampa, Florida 33601

Director of Purchases
Federal Mogul
2310 S. Industrial Highway
Ann Arbor, Michigan

Director of Purchases
Florida Steel
P. O. Box 518
Indiantown Electric Steel Mill
Indiantown, Florida 33456

Director of Purchases
Federal Screws Works, Incorporated
3401 Martin Avenue
Detroit, Michigan 48210

Director of Purchases
Fluid Controls Incorporated
P. O. Box 49
Mentor, Ohio 44060

Director of Purchases
Feem Products Incorporated
P. O. Box 242
Iola, Kansas 66749

Director of Purchases
Foote Mineral Company
Kemco Operation
Commercial Alley
Keokuk, Iowa 52632

Director of Purchases
University of Southern Florida
4202 Fowler Avenue
Tampa, Florida 33620

Director of Purchases
Ford Motor Company
Box 458
Dearborn, Michigan

Director of Purchases
Erie Mining
Box 947
Hoyt Lake, Minnesota 55750

Director of Purchases
Excello Corporation
945 East State Street
Greenville, Ohio

Director of Purchases
Esco Corporation
2141 N. W. 25th Avenue
Portland, Oregon

Director of Purchases
Fan Steel Incorporated
Route 5
Box 238
Muskogee, Oklahoma 74401

Director of Purchases
Essex International Company
Polymer Division
2816 North Main Street
Rockford, Illinois 61103

Director of Purchases
Farrell Cheek Steel Company
710 Lane Street
Sandusky, Ohio 44870

Director of Purchases
Essex International
P. O. Box 278
618 Fourth Street
Three Rivers, Michigan 49193

Director of Purchases

Fate-Root Heath Company

Plymouth, Ohio 44865

Director of Purchases
Ethyl Corporation
1600 West 8 Mile Road
Ferndale, Michigan 48220

Director of Purchases
Federated Metals
P. O. Box 24038
Houston, Texas 77029

Director of Purchases
Electrolux Corporation
Division Consolidated Foods Corporation
51 Forest Avenue
Old Greenwich, Connecticut 06870

Director of Purchases
Emerson Electric Company
In-Sink-Erator Division
4700 21st Street
Racine, Wisconsin

Director of Purchases
Elliott Company
North Fourth Street
Jeanette, Pennsylvania 15644

Director of Purchases
Empire Adhesives
70 Concord Street
North Reading, Massachusetts 01864

Director of Purchases
El Paso Natural Gas
P. O. Box 1492
El Paso, Texas

Director of Purchases
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19800 Miles Avenue
Cleveland, Ohio 44128

Director of Purchases
The Elwell-Parker Electric Company
4205 St. Clair Avenue
Cleveland, Ohio 44103

Director of Purchases
Empire Plow Company
3140 East 65th Street
Cleveland, Ohio 44127

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Mr. R.E. Petering
Emerson Electric Mfg. Company
Turrett Division
810 Florissant Avenue
St. Louis, Missouri

Director of Purchases
Erickson Corporation
211 St. Anthony Boulevard N. E.
Minneapolis, Minnesota

Director of Purchases
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P. O. Box 190
Eastland, Tx. 76448

Director of Purchases
E G & G Incorporated
P. O. Box 294
San Ramon, California 94583

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Eastman Kodak Company
Kodak Part Works
543 State Street
Rochester 4, New York

Director of Purchases
E & H Specialties
1907 College Wood
Ypsilanti, Michigan 48197

Director of Purchases
Eaton Corporation
Char-Lynn Plant
15151 Highway 5
Eden Prairie, Minnesota 55343

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Elano Corporation
2455 Dayton Xenia Road
Xenia, Ohio 45385

Director of Purchases
Eaton Corporation
1111 East 200th Street
Cleveland, Ohio

Director of Purchases
Electric Energy Incorporated
P. O. Box 165
Joppa, Illinois 62953

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Eaton Yale & Towne, Incorporated
Eaton Valve Division
463 North 20th Street
Battle Creek, Michigan

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Electrical Products Division
Midland Ross Corporation
2210 South David Street
Los Angeles, California 90022

Director of Purchases
Dryad Die Casting Corporation
North Avenue
Manchester, New York

Director of Purchases
Dutton-Lainson Company
1601 West Second Street
Hastings, Nebraska 68901

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751 Pratt Boulevard
Elk Grove Village, Illinois 60007

Director of Purchases
Dynamic Forge Corporation
Oxford, Nebraska

Director of Purchases
E. I. Du Pont de Nemours & Co., Inc.
Purchasing Department
Room 6074
Wilmington, Delaware

Director of Purchases
Eagle Iron Works
P. O. Box 934
Des Moines, Iowa 50304

Director of Purchasing
Duquesne Light
General Purchasing Department
Elrama, Pennsylvania 15038

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East Chicago Machine Tool Corp.
4801 Railroad Avenue
East Chicago, Indiana 46312

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Durrum Instruments
3950 Fabian Way
Palo Alto, California 94303

Director of Purchases
Eastern Castings
64 South William
Newburgh, New York 12550

Director of Purchases

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Galva, Illinois

Director of Purchases
Dow Chemical Company
P. O. Box 752
Russellville, Arkansas 72801

Director of Purchases
Dort Manufacturing Company
3283 South Dort Highway
Flint, Michigan 45807

Director of Purchases

Dow Chemical Company

P. O. Box 1724

Midland, Michigan

Director of Purchases

Double A Products Company

Manchester, Michigan

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Neville Island
Pittsburgh, Pennsylvania 15225

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Dover-Hunter-Hays Company
106 Buena Vista S. E.
Alburquerque, New Mexico

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Dresser Industries
P. O. Box 7247
Dallas, Texas 57209

Director of Purchases
Down Industrial Service
428 Thatcher Drive
Box 2429
Youngstown, Ohio 44509

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Drumheller Tool & Die Company
7312 Elmo
Tujunga, California 91042

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Delta Die Casting
217 Fay Avenue
Addison, Illinois 60101

Director of Purchases
Diamond Shamrock
Belle West, Virginia 25015

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City Controller
1110 City-County Building
Detroit, Michigan 48226

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415 Cleveland Avenue
Sheboygan Falls, Wisconsin

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A. P. De Sanno & Sons Incorporated
Phoenixville, Pennsylvania

Director of Purchases
Die Cast Manufacturing
10148 Rust Street
El Monte, California 91733

Director of Purchases
Diamond Chain Company
402 Kentucky Avenue
Indianapolis, Indiana

Director of Purchases
Dive Shop
110 West Main Street
Bayshore, New York 11706

Director of Purchases
Diamond Metal Alloys
P. O. Box 2119
Houston, Texas 77001

Director of Purchases
Divers Equipment
5800 Barrymore
Kansas City, Missouri 64134

Director of Purchases
Dallas Die Casting Company
334 Rock Island Street
Dallas, Texas

Director of Purchases
Dayton Malleable Iron
3931 South Dixie Highway
Dayton, Ohio 45439

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Dana Corporation
Perfect Circle Sleeve Division
Route 35 West
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Richmond, Indiana 47374

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P. O. Box 1838
Spartanburg, South Carolina 29301

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4100 Bennett Road
Toledo 1, Ohio

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811 Fourth Street
West Des Moines, Iowa

Director of Purchases

Davis Fire Brick Company

Oak Hill, Ohio 45556

Director of Purchases
De Laval Separator Company
350 Dutchess Turnpike
Poughkeepsie, New York 12602

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Cleveland Automatic Machine Company
Division
4932 Beech
Cincinnati 12, Ohio

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17250 South Main
Gardena, California 90247

HARTOLDMON0002828

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Airport Road
Jonesboro, Arkansas 72401

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P. O. Box 1048
Charlotte, North Carolina 28201

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Crist Machinery & Supply
Plateau Supply Incorporated
P. O. Box 563
Albuquerque, New Mexico 87103

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Basic Aluminum Castings Co.
17920 Waterloo Road
Cleveland, Ohio 44119

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Sanderson Halcomb Works
Syracuse, New York

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Cyclops Corporation
Empire Reeves Steel Division
913 Bowmen Street
Mansfield, Ohio 44901

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P. O. Box 776
Houston, Texas

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Daca Company
312 Carleton Avenue
Maryville, Michigan

Director of Purchases
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1905 Kienlen Avenue
St. Louis, Missouri 63133

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Victor Compometer Corporation
Rogers, Arkansas 72756

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19801 Holland Road
Cleveland, Ohio 44142

Director of Purchases
Continental Steel Corporation
South Plant
Kokomo, Indiana

Director of Purchases
Continental Can Company, Inc.
95 West Cresentville Road
Cincinnati, Ohio 45246

Director of Purchases
Copperweld Steel
Ohio Sheet Tube Division
Shelby, Ohio 44875

Director of Purchases
Continental Can Company, Inc.
4848 Giuton
P. O. Drawer 22085
Houston, 27, Texas

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Countrys Delight Milk
Division of Certified Grocers of Ill.
5332 Southwestern Avenue
Chicago, Illinois 60609

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P. O. Box 1522
Houston, Texas 77002

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P. O. Box 476
Santa Ana, California

Director of Purchases

Continental Machines Incorporated

Savage, Minnesota 55378

Director of Purchases

Crane Company

4100 South Kedzie Avenue

Chicago, Illinois 62632

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200 West North Bend Road
Cincinnati, Ohio 45216

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Continental Can, Co., Inc.
2727 West Higgins
Elk Grove Village, Illinois

Director of Purchases
Continental Can Company, Incorporated
1517 South Gertrude Place
Santa Ana, California

Continental Can Company, Inc.
Director of Purchases
11725 West 85th Street
Lenexa, Kansas 66215

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Continental Can Company, Incorporated
Bond Crown & Cork Division
16th & Locust Streets
Wilmington, Delaware

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7100 East Baltimore Street
Baltimore, Maryland

Director of Purchases
Continental Can Company, Incorporated
135 South La Salle Street
Chicago 3, Illinois

Director of Purchases
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300 Ryders Lane
Milltown, New Jersey 08850

Director of Purchases
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P. O. Box 1419
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Continental Can Company, Inc.
170 Circle Drive North
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1930 Hiline Drive
Dallas, Texas 75207

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415 Indianapolis Avenue
Lebanon, Indiana

Director of Purchases
Collins Radio
Cedar Rapids, Iowa

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Commodity Steel Processing
6561 East 7 Mile Road
Detroit, Michigan 38234

Director of Purchases
Colorado Interstate Gas Company
P. O. Box 1087
Colorado Springs, Colorado

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Commonwealth Edison
72 West Adams Street
P. O. Box 767
Chicago, Illinois 60690

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Colson Company
440 Somerville Avenue
Somerville, Massachusetts 02143

Director of Purchases
Consolidated Aluminum Corporation
1100 Richmond
Jackson, Tennessee

Director of Purchases
Colt Industries
Crucible Magnetics Division
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Elizabethtown, Kentucky 42701

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Consolidated Edison Company
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New York, 3 New York

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P.O. Box 3269
Tampa, Florida 3360,

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Cleveland Graphite Bronze Division
Caldwell, Ohio

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Clark Equipment
Gwinner, North Dakota

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725 Main Street
Millis, Maine 02054

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Cleveland Crane & Engineering
1271 East 289th Street
Wickliffe, Ohio 4092

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Clover Casting Company
P.O. Box 565
Redwood Highway South
Cloverdale, California 95425

Director of Purchases
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Division Clevite Corporation
16800 St. Clair
Cleveland, Ohio 44110

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Club Monarch Aluminum Division
Standard International Corporation
9205 Detroit Avenue
Cleveland, Ohio 44102

Director of Purchases
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Piezoelectric Division
232 Forbes Road
Bedford, Ohio

Director of Purchases
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P.O. Box 1926
Bechtold Station
St. Louis, Missouri

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Cerro Copper & Brass Division
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Chrysler Corporation
Indianapolis Foundry
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Indianapolis, Indiana

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15151 Highway Five
Eden Prairie, Minnesota 55345

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Ciba Pharmaceutical
556 Morris Avenue
Summit, New Jersey 07901

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Chase Manufacturing
Chase Road
Douglas, Michigan

Director of Purchases
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P. O. Box 111
Cincinnati, 45211

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Chemola Mfg. Company
4750 Clinton Drive
Houston, Texas

Director of Purchases
Cities Service Oil
Purchasing Deaprtment
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Tulsa, Oklahoma 73102

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Chicago White Metal Casting Company
5239 West Grand
Chicago, Illinois 60639

Director of Purchases
Cities Service Gas Company
P. O. Box 25128
Oklahoma City, Oklahoma 73125

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2840 South Spring Avenue
St. Louis, Missouri

Director of Purchases
Catching Engineer
2101 Roberts Drive
Broadview, Illinois 60153

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Carter Mech. Incorporated
Box 28
Galion, Ohio 44833

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Peoria 3, Illinois

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Cast All Corporation
229 Liberty Avenue
Mineola, New York 11500

Director of Purchases
Celanese Polymer Company
160 Aterminal Avenue
Clark, New Jersey

Director of Purchases
Cast Forge Company
2440 West Highland Road
Howell, Michigan 48843

Director of Purchases
Central Die Casting & Mfg. Company
2935 West 47th Street
Chicago, Illinois

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Catalina Divers
P. O. Box 126
Avalon, California 90704

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Century Electric Company
1806 Pine Street
St. Louis, Missouri

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Stellite Division
1020 West Park Avenue
Kokomo, Indiana 46901

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P. O. Box 337
Niagara Falls, New York 14302

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Cabot Corporation
P. O. Box 1101
Pampa, Texas 79065

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1250 Northcooks Road
Clawson, Michigan 48017

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Homer, Michigan 49245

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9400 Quincy Avenue
Cleveland, Ohio

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Oil Well Specialists
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Houston, Texas

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P. O. Box 662
Reading, Pennsylvania 19603

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P. O. Box 4 060
Corpus Christi, Texas 78408

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Division Carrier Corporation
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Syracuse, New York 13201

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Purchasing Department
Berlin, New Hampshire 03570

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South Milwaukee, Wisconsin 53172

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Brunswick Corporation
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Muskegon, Michigan

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2450 Hunting Park Avenue
Philadelphia, Pennsylvania

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Brush Beryllium Company
17876 St. Clair Avenue
Cleveland, Ohio 44110

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Bunting Brass & Bronze Company
715 Spencer Street
Toledo, Ohio 43609

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B&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

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C&H Die Casting Incorporated
P. O. Box 1170
Temple, Texas

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Buckeye Steel Castings Company
2211 Parsons Avenue
Columbus, Ohio

Director of Purchases
CE Refractories
101 Ferry Street
St. Louis, Missouri 63147

Director of Purchases
The Borden Company
Columbus Coated Fabrics
1280 North Grant Avenue
Columbus, Ohio 43216

Director of Purchases
Brackett Stripping Company, Inc.
P. O. Box 125
Topeka, Kansas 66601

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Borg Warner Corporation
York Division
P. O. Box 1592
York, New York 17405

Director of Purchases
C. F. Braun
2500 Orange Street
Alhambra, California 91802

Director of Purchases
Borg Warner Corporation
Calumet Steel Division
Box 217
Chicago Heights, Illinois 60411

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Brewster Company
P. O. Drawer 1095
Shreveport, Louisiana 71102

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Bossert Manufacturing Corporation
1002 Oswego Street
Utica, New York 13503

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30 Grant Street
Bridgeport, Connecticut 06602

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R. H. Bouligny Company Inc.
433 West Morehead
Charlotte, North Carolina

Director of Purchases
Briggs & Stratton
P. O. Box 700
Milwaukee, Wisconsin 53201

HARTOLDMON0002838

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Bethlehem Steel Corporation
701 East Third Street
Bethlehem, Pennsylvania

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Blaw Knox Company
Farmers Bank Building
Pittsburgh, Pennsylvania

Director of Purchases
Big Three Industrial Gas & Equipment Company
P. O. Box 3047-TR
Houston, Texas 77011

Director of Purchases
Blaw Knox Company
Warwood Works
Warwood, West Virginia

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Black and Decker Manufacturing Co.
Fountain Avenue
Lancaster, Pennsylvania

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E. W. Bliss
Babcock and Wilcox
1501 Raff Road
Canton, Ohio

Director of Purchases

Blackwell Zinc

Blackwell, Oklahoma 74631

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Commercial Airplane Division
P. O. Box 3707
Seattle, Washington 98124

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Blake Marine
12 Connybrook Road
Montvale, New Jersey 07645

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Bohn Aluminum & Brass Corporation
Division Universal American Corp.
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Adrian, Michigan

Director of Purchases
Bell & Howell Company
7100 McCormick
Chicago, Illinois

Director of Purchases
Bendix Corporation
Scientific Instruments & Equip. Div.
1775 Mt. Read Boulevard,
Rochester, New York 14603

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1150 Newark Road
Zanesville, Ohio 43701

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95th & Troost
Kansas City, Missouri

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Los Angeles, California 90017

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Scintilla Magneto Division
Sidney, New York

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Bendix Corporation
11600 Sherman Way
North Hollywood, California

Director of Purchases
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Utica Division
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Utica, New York

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Bendix Products
Aerospace Division
410 West Bendix Drive
South Bend, Indiana 46619

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Kokomo, Indiana

MCL001847

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Rockford, Illinois

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611 Dettford Avenue
Dayton , Ohio 45429

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4707 West North Avenue
Chicago, Illinois 60639

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10171 West Jefferson
River Rouge, Michigan 49128

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Division of Purex Corporation
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Santa Fe Springs, California 90670

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Commissioner of Accounts
City Office
Beacon, New York 12508

Director of Purchases
Basic Aluminum Castings Company
1325 East 168th Street
Cleveland 10, Ohio

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Beardsley Piper Division
Pettibone Mullikin Company
2424 North Cicero Avenue
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Baso Division
Penn Controls, Incorporated
4000 West Burnham
Milwaukee, Wisconsin

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415 S. Kilpatrick Avenue
Chicago, Illinois 60644

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Atlantic Steel Company
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c/o Mill Storeroom
Atlanta, Georgia 30301

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201 West Oklahoma Avenue
Milwaukee, Wisconsin 53207

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P.O. Box 496
Parkwater Station
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Muncie, Indiana 47302

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Div. Rucker Company, Inc.
5251 West Imperial Highway
Los Angeles, California 90045

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Tre 60 at Jct. 45
Mundelein, Illinois 60060

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4211 Redwood Avenue
Los Angeles, California 90066

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Asheville, North Carolina

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Tubular Products Division
P.O. Box 401
Beaver Falls, Pennsylvania

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601 International Avenue
Washington, Missouri 63090

HARTOLDMON0002842

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Ashland Oil and Refining Company
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Ashland, Kentucky

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P. O. Box 4569
Riverdale, Georgia 30302

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P.O. Box 920
Rochester, Minnesota 55901

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P. O. Box 2819
Dallas, Texas 75221

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101 North Main Street
Athens, Pennsylvania 18810

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Atlantic Richfield
875 North Michigan Avenue
Chicago, Illinois 60611

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P. O. Box 178
Athens, Tennessee 37301

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P. O. Box 250
Richland, Washington 99352

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2585 Beaufait Avenue
Detroit 7, Michigan

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Gillette, Wyoming 82716

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Peninsula, Ohio 44264

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Invoice Division
Arnold AFB Station, Tennessee

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13715 South Western Avenue
Gardena, California 90249

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411 Prospect
Webster City, Iowa

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Arcturus Manufacturing Corporation
6001 Arcturus Avenue
Oxnard, California 93030

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Arrow Aluminum Casting Company
3135 Berea Road
Cleveland 11, Ohio

Director of Purchases
Argonne Laboratory
9700 South Cass
Argonne, Illinois

Director of Purchases
Arrow Diecasting Company
4031 Goodwin Avenue
Los Angeles, California

Director of Purchases
Arnold Air Drilling
P. O. Box 727
Fort Smith, Arkansas 72901

Director of Purchases
Arrowhead Brass Products
5142 Alhambra Avenue
Los Angeles 32, California

MCL001851

HARTOLDMON0002844

Director of Purchases
Amerock Corporation
4000 Auburn Street
Rockford, Illinois

Director of Purchases
Anadite Incorporated
Martin Machine
2027 Santa Fe
Los Angeles, California

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Ameron Steel Producing Division
12459 Arrow Highway
Etiwanda, California 91739

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Anchor Conveyor Division
Standard Alliance Ind., Inc.
6906 Kingsley Avenue
Dearborn, Michigan 48126

Director of Purchases
Ametek Strazza
790 Greenfield Avenue
El Cajon, California 92021

Director of Purchases
Anchor Coupling Company, Inc.
342 North Fourth Street
Libertyville, Illinois 60048

Director of Purchases
Amsted Industries
Amsted Steel Foundries
1700 Walnut Street
Granite City, Illinois 62040

Director of Purchases
Anheuser Busch
The A&E Eagle
c/o Allied Marine Corporation
2051 Northwest 11th Street
Miami, Florida

Director of Purchases
Anaconda Company
25 Broadway
New York, New York 10004

Director of Purchases
Anheuser Busch, Incorporated
721 Pestolozzi Street
St. Louis, Missouri

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American Can Company
Route 31
Washington, New Jersey 07882

Director of Purchases
American Gilsonite
P. O. Box 900
Grand Junction, Colorado

Director of Purchases
American Chain and Cable
Louben Division
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Akron, Ohio

Director of Purchases
American Manufacturing Company
601 West McKee Street
Greenburgh, Indiana 47240

Director of Purchases
American Chemical
P. O. Box 9247
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Director of Purchases
American Motors
14250 Plymouth Road
Detroit, Michigan

Director of Purchases
American Compressor Company
11850 East Florence Avenue
Santa Fe Springs, California 90670

Director of Purchases
American Smelting & Refining
P. O. Box 3612
San Francisco, California 94119

Director of Purchases
American Cyanamid Company
P. O. Box 368
Savannah, Georgia

Director of Purchases
American Smelting &
Refining Company
Clover, Missouri

Director of Purchases
Alpha Industries, Incorporated
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Director of Purchases
Ambrit Industries
1288 Los Angeles Street
Glendale, California

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Director of Purchases
American Aluminum Incorporated
219 Fifth Street
West Des Moines, Iowa 50265

Director of Purchases
Alton Box Board
Alton Mill,
Cut Street
Alton, Illinois 62002

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American Aluminum, Incorporated
North Des Moines Street
Webster City, Iowa

Director of Purchases
Aluminum Die Casting Company
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Los Angeles, California 90065

Director of Purchases
American Bosch Division
Ambac Industries, Inc.
3664 Main Street
Springfield, Massachusetts 01107

Director of Purchases
Aluminum Forge
Altamil Corporation
502 East Alton Street
Santa Ana, California 92707

Director of Purchases
American Can Company
P. O. Box 3748
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Allegheny Ludlum Steel Corporation
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Brackenridge, Pennsylvania

Director of Purchases

Allied Marine Corporation
2051 North West 11th Street
Miami, Florida 33125

Director of Purchases
Allegheny Ludlum Steel
General Purchasing Division
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Pittsburgh, Pennsylvania 15222

Director of Purchases
Louis Allis Company
21 East Stuart Street
Milwaukee 7, Wisconsin

Director of Purchases
Allied Chemical
Fibers Division
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Petersburg, Virginia 23803

Director of Purchases
Allis Chalmers
1126 South 70th Street
Milwaukee 1, Wisconsin

Allied Chemical
Director of Purchases
Specialty Chemicals Division
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Norwood Works
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Cincinnati, Ohio 45212

Director of Purchases
Allied Chemical Corporation
North Plant
State Route 2
Moundsville, West Virginia 26014

Director of Purchases
Alloy Die Casting
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Buena Park, California

Director of Purchases
Air Products & Chem
17801 Arenth Avenue
City of Industry, California

Director of Purchases
Ajax Forging & Casting Company
205 Adair Street
Detroit, Michigan 48207

Director of Purchases
Airco Industrial Gases
1965 East 28th Street
Lorain, Ohio 44055

Director of Purchases
Ajax Hardware Manufacturing Corp.
825 Ajax Avenue
City of Industry, California 91747

Director of Purchases
Airco Vacuum Metals
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Berkeley, California 94710

Director of Purchases
Ajax Magnethermic Corporation
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Warren, Ohio 44482

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Air Reduction Company, Inc.
Central Research Lab
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Director of Purchases
Alabama Oxygen
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Director of Purchases
Airoyal
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Maplewood, New Jersey 07040

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Director of Purchases
5 Beehman Street
New York, New York 10038

Director of Purchases
Acro Welder Manufacturing Company
2900 West Green Tree Road
Milwaukee, Wisconsin

Director of Purchases
Aero Titanium Products
6510 Federal Boulevard
Lemon Grove, California 02045

Director of Purchases
Action Manufacturing Company
4567 Bermuda Street
Philadelphia, Pennsylvania 19124

Director of Purchases
Aerojet Liquid Rocket Company
P. O. Box 13222
Sacramento, California 94813

Director of Purchases
Adams Carbide
24141 Ann Arbor Trail
Dearborn Heights, Michigan

Director of Purchases
Aetna Standard Engineering Company
Park Avenue & Second Street
Ellwood City, Pennsylvania 16117

Director of Purchases
Adams Carbide
3100 Industrial Road
Livonia, Michigan 48150

Director of Purchases
Agri Craft Company Incorporated
353 Dawson Drive
Camarillo, California 93010

Director of Purchases
Advance Pressure Casting Corporation
276 Highway 53
Denville, New Jersey 07834

Director of Purchases
Air Equip-Drill
P. O. Box 1664
Bakersfield, California 93302

Director of Purchases
AAA Products, Incorporated
P.O. Box 35482
Dallas, Texas 75335

Director of Purchases
Academy Die Casting
47 Langstaff Avenue
Edison, New Jersey 08817

Director of Purchases
A&A Die Casting Company
12901 South Western Avenue
Gardena, California 90249

Director of Purchases
Acheson Colloids
Division of Acheson Industries, Inc.
Port Huron, Michigan

Director of Purchases
Abex Corporation
Railroad Products Group
626 Armstrong Avenue
St. Paul, Minnesota 55102

Director of Purchases
Acme Machine Works
North 421 Sycamore Street
Spokane, Washington 99202

Director of Purchases
Abex Corporation
P.O. Box 458
Meadville, Pennsylvania 16335

Director of Purchases
Acme Printing Ink Company
2909 Chrysler Road
Kansas City, Kansas 66115

Director of Purchases
Abex Corporation
Dennison Division
1160 Dublin Road
Columbus, Ohio 43216

Director of Purchases
Acrometal Products Incorporated
616 Fifth Street North
Minneapolis, Minnesota 55401

TAB 130.2

Monsanto

FROM (NAME & LOCATION): P. W. Gann - B2SF

DATE: May 9, 1973

CC:

SUBJECT: PCB Warning Letters, Dielectric

REFERENCE:

TO: Memo to File

On May 8, 1973, I reviewed the dielectric warning letters and the corresponding address list with Paul Benignus. The purpose was to verify the address list for these letters.

Tab No. 2, Feb. 18, 1970, Olson letter:

This letter went to all of our transformer Askarel customers. Apparently the letter went to both transformer and capacitor customers. The list included in the file appears complete, per Paul Benignus.

Tab No. 7, May 11, 1970, Olson Letter:

Benignus agrees with the list for this letter.

Tab No. 8, May 12, 1970, Olson Letter:

Benignus agrees with this list for this letter.

Tab 19, Sept. 28 - Oct. 12, 1970, Graham Letter:

Benignus believes Randy's list looks fairly complete for Randy's area of responsibility. Benignus however, does not know if other salesmen sent out similiar letters. Benignus suggests I check this question with Don Olson.

Tab No. 22, Dec. 15, 1970, Graham Letter:

Benignus believes that this letter was the result of Don Pogue's attempt to gain information on estimated amount of Askarel for incineration. Benignus suggests I check with Pogue on that possible mailing list.

Tab 34, Dec. 20, 1971, Bergen #1 Letter:

This letter was sent to the transformer and capacitor customers. A letter was written to companies were we had a personal name to contact.

Tab No. 35, Dec. 20, 1971, Bergen #2 Letter:

This letter was sent to transformer and capacitor customers were we did not have a name to write to. Many of these letters went to the Office of the President. The combined list of 34 and 35 appears to be complete for these customers according to Benignus

0 REV. 1/72

EXHIBIT
WBP M-130.2

MCL001859

HARTOLDMON0002853

Tab No. 24, Feb. 18, 1971, Benignus Letter:

This went to all capacitor people only. Benignus is confident that this letter went to the people on his "1970 list of customers" which list he pulled out of his file cabinet on May 8, 1973. This list should be the same list as used for letter Tab No. 14, dated Aug. 6, 1970.

Tab No. 39, Feb. 4, 1972, Bergen Letter:

Benignus agrees the mailing list is correct.

Tab No. 40, Feb. 7, 1972, Gossage Letter:

Benignus agrees with the mailing list.

Tab No. 41, Feb. 28, 1972, Gossage Letter:

Benignus agrees with this list. These are people who bought transformer fluid of any quantity over a period of the few years preceeding 1972.

Note: Benignus commented that many of these letters were months in their making. He stated that it seemed to take forever to get a letter written and approved for mailing since each letter and each word was reviewed very carefully.

F. W. Gann

/mo

TAB 131

Monsanto

MONSANTO INDUSTRIAL CHEMICALS CO.
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166
Phone: (314) 694-1000

February 28, 1972

Dear Sir:

In early February, we notified you that the Pydraul fluids were being reformulated to remove all chlorinated components. The new Pydraul fluids will become available after April 1, 1972, and we will be phasing in the new products during April and May.

The new Pydraul products will be compatible with the present formulations and no draining, cleaning or changing of seals in your systems is necessary. You need only to add the new products as make up to your present systems.

Each of the new Pydraul fluids has passed the Factory Mutual fire tests for an approved less hazardous hydraulic fluid.

We will be writing again in mid-March to keep you thoroughly informed and abreast of our plans. Should you have questions, please feel free to contact the Pydraul Fluids Specialist in your area.

Yours very truly,

Howard S. Bergen

Howard S. Bergen, Director
Specialty Products Group
Monsanto Industrial Chemicals Company

lb

EXHIBIT
WBP M-131

MCL001861
HARTOLDMON0002856

TAB 131.1

Director of Purchases
Acro Welder Manufacturing Company
2900 West Green Tree Road
Milwaukee, Wisconsin

Director of Purchases
Aero Titanium Products
6510 Federal Boulevard
Lemon Grove, California 02045

Director of Purchases
Action Manufacturing Company
4567 Bermuda Street
Philadelphia, Pennsylvania 19124

Director of Purchases
Aerojet Liquid Rocket Company
P. O. Box 13222
Sacramento, California 94813

Director of Purchases
Adams Carbide
24141 Ann Arbor Trail
Dearborn Heights, Michigan

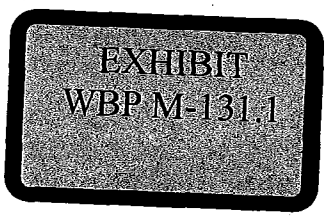
Director of Purchases
Aetna Standard Engineering Company
Park Avenue & Second Street
Ellwood City, Pennsylvania 16117

Director of Purchases
Adams Carbide
3100 Industrial Road
Livonia, Michigan 48150

Director of Purchases
Agri Craft Company Incorporated
353 Dawson Drive
Camarillo, California 93010

Director of Purchases
Advance Pressure Casting Corporation
276 Highway 53
Denville, New Jersey 07834

Director of Purchases
Air Equip-Drill
P. O. Box 1664
Bakersfield, California 93302



Director of Purchases
Air Products & Chem
17801 Arenth Avenue
City of Industry, California

Director of Purchases
Ajax Forging & Casting Company
205 Adair Street
Detroit, Michigan 48207

Director of Purchases
Airco Industrial Gases
~~1965 East 28th Street~~
~~Lorain, Ohio 44055~~

Director of Purchases
Ajax Hardware Manufacturing Corp.
825 Ajax Avenue
City of Industry, California 91747

Director of Purchases
Airco Vacuum Metals
735 Ashby Avenue
Berkeley, California 94710

Director of Purchases
Ajax Magnethermic Corporation
P. O. Box 991
1745 Overland Avenue N. E.
Warren, Ohio 44482

Director of Purchases
Air Reduction Company, Inc.
Central Research Lab
Murray Hill, New Jersey 07971

Director of Purchases
Alabama Oxygen
P. O. Box 308
Bessemer, Alabama 35020

Director of Purchases
Airoyal
43 Newark Way
Maplewood, New Jersey 07040

Alco Machinery and Supply
Director of Purchases
5 Beekman Street
New York, New York 10038

MCL001863
HARTOLDMON0002859

Director of Purchases
Allegheny Ludlum Steel Corporation
Box 5
Brackenridge, Pennsylvania

Director of Purchases

Allied Marine Corporation
2051 North West 11th Street
Miami, Florida 33125

Director of Purchases
Allegheny Ludlum Steel
General Purchasing Division
Oliver Building
Pittsburgh, Pennsylvania 15222

Director of Purchases
Louis Allis Company
21 East Stuart Street
Milwaukee 7, Wisconsin

Director of Purchases
Allied Chemical
Fibers Division
Box 31
Petersburg, Virginia 23803

Director of Purchases
Allis Chalmers
1126 South 70th Street
Milwaukee 1, Wisconsin

Allied Chemical
Director of Purchases
Specialty Chemicals Division
P. O. Box # E
Moundsville, W. Virginia 26014

Director of Purchases
Allis Chalmers Manufacturing Co.
Norwood Works
4620 Forest Avenue
Cincinnati, Ohio 45212

Director of Purchases
Allied Chemical Corporation
North Plant
State Route 2
Moundsville, West Virginia 26014

Director of Purchases
Alloy Die Casting
6550 Cabellero Boulevard
Buena Park, California

MCL001864

HARTOLDMON0002860

Director of Purchases
Alpha Industries, Incorporated
615 Center Avenue
Logansport, Indiana 46947

Director of Purchases
Ambrit Industries
1288 Los Angeles Street
Glendale, California

Director of Purchases
Alton Box Board
P. O. Box 276
Alton, Illinois 62002

Director of Purchases
American Aluminum Incorporated
219 Fifth Street
West Des Moines, Iowa 50265

Director of Purchases
Alton Box Board
Alton Mill,
Cut Street
Alton, Illinois 62002

Director of Purchases
American Aluminum, Incorporated
North Des Moines Street
Webster City, Iowa

Director of Purchases
Aluminum Die Casting Company
3462 San Fernando Road
Los Angeles, California 90065

Director of Purchases
American Bosch Division
Ambac Industries, Inc.
3664 Main Street
Springfield, Massachusetts 01107

Director of Purchases
Aluminum Forge
Altamil Corporation
502 East Alton Street
Santa Ana, California 92707

Director of Purchases
American Can Company
P. O. Box 3748
Modesto, California 95353

Director of Purchases
American Can Company
Route 31
Washington, New Jersey 07882

Director of Purchases
American Gilsonite
P. O. Box 900
Grand Junction, Colorado

Director of Purchases
American Chain and Cable
Louben Division
1729 Sadelwood Boulevard
Akron, Ohio

Director of Purchases
American Manufacturing Company
601 West McKee Street
Greenburgh, Indiana 47240

Director of Purchases
American Chemical
P. O. Box 9247
Long Beach, California 90810

Director of Purchases
American Motors
14250 Plymouth Road
Detroit, Michigan

Director of Purchases
American Compressor Company
11850 East Florence Avenue
Santa Fe Springs, California 90670

Director of Purchases
American Smelting & Refining
P. O. Box 3612
San Francisco, California 94119

Director of Purchases
American Cyanamid Company
P. O. Box 368
Savannah, Georgia

Director of Purchases
American Smelting &
Refining Company
Clover, Missouri

Director of Purchases
Amerock Corporation
4000 Auburn Street
Rockford, Illinois

Director of Purchases
Anadite Incorporated
Martin Machine
2027 Santa Fe
Los Angeles, California

Director of Purchases
Ameron Steel Producing Division
12459 Arrow Highway
Etiwanda, California 91739

Director of Purchases
Anchor Conveyor Division
Standard Alliance Ind., Inc.
6906 Kingsley Avenue
Dearborn, Michigan 48126

Director of Purchases
Ametek Strazza
790 Greenfield Avenue
El Cajon, California 92021

Director of Purchases
Anchor Coupling Company, Inc.
342 North Fourth Street
Libertyville, Illinois 60048

Director of Purchases
Amsted Industries
Amsted Steel Foundries
1700 Walnut Street
Granite City, Illinois 62040

Director of Purchases
Anheuser Busch
The A&E Eagle
c/o Allied Marine Corporation
2051 Northwest 11th Street
Miami, Florida

Director of Purchases
Anaconda Company
25 Broadway
New York, New York 10004

Director of Purchases
Anheuser Busch, Incorporated
721 Pestolozzi Street
St. Louis, Missouri

MCL001867
HARTOLDMON0002863

Director of Purchases
Anixter General Die Caster
6212 Akron Peninsula Road
Peninsula, Ohio 44264

Director of Purchases
Aro Incorporated
Invoice Division
Arnold AFB Station, Tennessee

Director of Purchases
Ansen Automotive
13715 South Western Avenue
Gardena, California 90249

Director of Purchases
Arrow Acme Corporation
411 Prospect
Webster City, Iowa

Director of Purchases
Arcturus Manufacturing Corporation
6001 Arcturus Avenue
Oxnard, California 93030

Director of Purchases
Arrow Aluminum Casting Company
3135 Berea Road
Cleveland 11, Ohio

Director of Purchases
Argonne Laboratory
9700 South Cass
Argonne, Illinois

Director of Purchases
Arrow Diecasting Company
4031 Goodwin Avenue
Los Angeles, California

Director of Purchases
Arnold Air Drilling
P.O. Box 727
Fort Smith, Arkansas 72901

Director of Purchases
Arrowhead Brass Products
5142 Alhambra Avenue
Los Angeles 32, California

MCL001868

HARTOLDMON0002864

Director of Purchases
Ashland Oil and Refining Company
1401 Winchester Street
Ashland, Kentucky

Director of Purchases
Atlanta Gas Light Company
P. O. Box 4569
Riverdale, Georgia 30302

Director of Purchases
Associated Milk Producers, Inc.
P. O. Box 920
Rochester, Minnesota 55901

Director of Purchases
Atlantic Richfield
P. O. Box 2819
Dallas, Texas 75221

Director of Purchases
Athens Foundry Corporation
101 North Main Street
Athens, Pennsylvania 18810

Director of Purchases
Atlantic Richfield
875 North Michigan Avenue
Chicago, Illinois 60611

Director of Purchases
Athens Oil Company
P. O. Box 178
Athens, Tennessee 37301

Director of Purchases
Atlantic Richfield
P. O. Box 250
Richland, Washington 99352

Director of Purchases
Atlantic Die Casting Company
2585 Beaufait Avenue
Detroit 7, Michigan

Director of Purchases
Atlantic Richfield
P. O. Box 958
Gillette, Wyoming 82716

Director of Purchases
Atlantic Steel Company
1365 Mecaslin Street North West
c/o Mill Storeroom
Atlanta, Georgia 30301

Director of Purchases
Badger Die Casting Corporation
201 West Oklahoma Avenue
Milwaukee, Wisconsin 53207

Director of Purchases
Atlas Systems
P.O. Box 496
Parkwater Station
Spokane, Washington 99211

Director of Purchases
Ball Corporation
4000 North Arden Drive
Muncie, Indiana 47302

Director of Purchases
Auto Control Laboratories
Div. Rucker Company, Inc.
5251 West Imperial Highway
Los Angeles, California 90045

Director of Purchases
Ball Corporation
1200 Townline Road
Tre 60 at Jct. 45
Mundelein, Illinois 60060

Director of Purchases
Aves Manufacturing Company
4211 Redwood Avenue
Los Angeles, California 90066

Director of Purchases
Ball Corporation
1856 Nedersonville Road
Asheville, North Carolina

Director of Purchases
Babcock & Wilcox Company
Tubular Products Division
P.O. Box 401
Beaver Falls, Pennsylvania

Director of Purchases
Ballman Engineering
601 International Avenue
Washington, Missouri 63090

MCL001870
HARTOLDMON0002866

Director of Purchases
Barber Coleman Company
1300 Rock Street
Rockford, Illinois

Director of Purchases
Bauer Ind. Sales
611 Dettford Avenue
Dayton , Ohio 45429

Director of Purchases
Barber Die & Tool
4707 West North Avenue
Chicago, Illinois 60639

Director of Purchases
A. J. Baxter Company
10171 West Jefferson
River Rouge, Michigan 49128

Director of Purchases
Baron Blakeslee
Division of Purex Corporation
9445 Ann Street
Santa Fe Springs, California 90670

Director of Purchases
City of Beacon
Commissioner of Accounts
City Office
Beacon, New York 12508

Director of Purchases
Basic Aluminum Castings Company
1325 East 168th Street
Cleveland 10, Ohio

Director of Purchases
Beardsley Piper Division
Pettibone Mullikin Company
2424 North Cicero Avenue
Chicago, Illinois

Director of Purchases
Base Division
Penn Controls, Incorporated
4000 West Burnham
Milwaukee, Wisconsin

Director of Purchases
Belden Corporation
415 S. Kilpatrick Avenue
Chicago, Illinois 60644

MCL001871
HARTOLDMON0002867

Director of Purchases
Bell & Howell Company
7100 McCormick
Chicago, Illinois

Director of Purchases
Bendix Corporation
Scientific Instruments & Equip. Div.
1775 Mt. Read Boulevard,
Rochester, New York 14603

Director of Purchases
Bellows Valair
1150 Newark Road
Zanesville, Ohio 43701

Director of Purchases
Bendix Corporation
95th & Troost
Kansas City, Missouri

Director of Purchases
Belridge Oil Company
1300 West Fourth Street
Los Angeles, California 90017

Director of Purchases
Bendix Corporation
Scintilla Magneto Division
Sidney, New York

Director of Purchases
Bendix Corporation
11600 Sherman Way
North Hollywood, California

Director of Purchases
Bendix Corporation
Utica Division
211 Seward Avenue
Utica, New York

Director of Purchases
Bendix Corporation
Bendix Products
Aerospace Division
410 West Bendix Drive
South Bend, Indiana 46619

Director of Purchases

Bertram Delco

Kokomo, Indiana

MCL001872
HARTOLDMON0002868

Director of Purchases
Bethlehem Steel Corporation
701 East Third Street
Bethlehem, Pennsylvania

Director of Purchases
Blaw Knox Company
Farmers Bank Building
Pittsburgh, Pennsylvania

Director of Purchases
Big Three Industrial Gas & Equipment Company
P.O. Box 3047-TR
Houston, Texas 77011

Director of Purchases
Blaw Knox Company
Warwood Works
Warwood, West Virginia

Director of Purchases
Black and Decker Manufacturing Co.
Fountain Avenue
Lancaster, Pennsylvania

Director of Purchases
E. W. Bliss
Babcock and Wilcox
1501 Raff Road
Canton, Ohio

Director of Purchases

Blackwell Zinc

Blackwell, Oklahoma 74631

Director of Purchases
Boeing Company
Commercial Airplane Division
P.O. Box 3707
Seattle, Washington 98124

Director of Purchases
Blake Marine
12 Connybrook Road
Montvale, New Jersey 07645

Director of Purchases
Bohn Aluminum & Brass Corporatic
Division Universal American Corp.
E. Maumee Street
Adrian, Michigan

MCL001873

HARTOLDMON0002869

Director of Purchases
The Borden Company
Columbus Coated Fabrics
1280 North Grant Avenue
Columbus, Ohio 43216

Director of Purchases
Brackett Stripping Company, Inc.
P. O. Box 125
Topeka, Kansas 66601

Director of Purchases
Borg Warner Corporation
York Division
P. O. Box 1592
York, New York 17405

Director of Purchases
C. F. Braun
2500 Orange Street
Alhambra, California 91802

Director of Purchases
Borg Warner Corporation
Calumet Steel Division
Box 217
Chicago Heights, Illinois 60411

Director of Purchases
Brewster Company
P. O. Drawer 1095
Shreveport, Louisiana 71102

Director of Purchases
Bossert Manufacturing Corporation
1002 Oswego Street
Utica, New York 13503

Director of Purchases
Bridgeport Brass
30 Grant Street
Bridgeport, Connecticut 06602

Director of Purchases
Bounty Shoes
R. H. Bouligny Company Inc.
433 West Morehead
Charlotte, North Carolina

Director of Purchases
Briggs & Stratton
P. O. Box 700
Milwaukee, Wisconsin 53201

MCL001874
HARTOLDMON0002870

Director of Purchases
Brown Company
Purchasing Department
Berlin, New Hampshire 03570

Director of Purchases
Bucyrus-Erie Company
P. O. Box 56
South Milwaukee, Wisconsin 53172

Director of Purchases
Brunswick Corporation
1700 Messler
Muskegon, Michigan

Director of Purchases
Budd Company
2450 Hunting Park Avenue
Philadelphia, Pennsylvania

Director of Purchases
Brush Beryllium Company
17876 St. Clair Avenue
Cleveland, Ohio 44110

Director of Purchases
Bunting Brass & Bronze Company
715 Spencer Street
Toledo, Ohio 43609

Director of Purchases
B&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

Director of Purchases
C&H Die Casting Incorporated
P. O. Box 1170
Temple, Texas

Director of Purchases
Buckeye Steel Castings Company
2211 Parsons Avenue
Columbus, Ohio

Director of Purchases
CE Refractories
101 Ferry Street
St. Louis, Missouri 63147

Director of Purchases
Cabot Corporation
Stellite Division
1020 West Park Avenue
Kokomo, Indiana 46901

Director of Purchases
The Carborundum Company
P. O. Box 337
Niagara Falls, New York 14302

Director of Purchases
Cabot Corporation
P. O. Box 1101
Pampa, Texas 79065

Director of Purchases
Cargill-Detroit Corporation
1250 Northcooks Road
Clawson, Michigan 48017

Director of Purchases
Calhoun Foundry Company, Inc.
South Clay Street
Homer, Michigan 49245

Director of Purchases
Carling Brewing
9400 Quincy Avenue
Cleveland, Ohio

Director of Purchases
Cameron Iron Works Incorporated
Oil Well Specialists
P. O. Box 1212
Houston, Texas

Director of Purchases
Carpenter Technology Corporation
P. O. Box 662
Reading, Pennsylvania 19603

Director of Purchases
Capstone Industries
P. O. Box 4 060
Corpus Christi, Texas 78408

Director of Purchases
Carrier Air Conditioning Company
Division Carrier Corporation
Box 1264
Syracuse, New York 13201

MCL001876
HARTOLDMON0002872

Director of Purchases
Carter Carburetor Corporation
2840 South Spring Avenue
St. Louis, Missouri

Director of Purchases
Catching Engineer
2101 Roberts Drive
Broadview, Illinois 60153

Director of Purchases
Carter Mech. Incorporated
Box 28
Galion, Ohio 44833

Director of Purchases
Caterpillar Tractor Company
Peoria 3, Illinois

Director of Purchases
Cast All Corporation
229 Liberty Avenue
Mincola, New York 11500

Director of Purchases
Celanese Polymer Company
160 Aterminal Avenue
Clark, New Jersey

Director of Purchases
Cast Forge Company
2440 West Highland Road
Howell, Michigan 48843

Director of Purchases
Central Die Casting & Mfg. Compan
2935 West 47th Street
Chicago, Illinois

Director of Purchases
Catalina Divers
P. O. Box 126
Avalon, California 90704

Director of Purchases
Century Electric Company
1806 Pine Street
St. Louis, Missouri

Director of Purchases
Cerro Corporation
Cerro Copper & Brass Division
Bellefonta, Pennsylvania

Director of Purchases
Chrysler Corporation
Indianapolis Foundry
1100 South Tibb Avenue
Indianapolis, Indiana

Director of Purchases
Char-Lynn Company
15151 Highway Five
Eden Prairie, Minnesota 55345

Director of Purchases
Ciba Pharmaceutical
556 Morris Avenue
Summit, New Jersey 07901

Director of Purchases
Chase Manufacturing
Chase Road
Douglas, Michigan

Director of Purchases
Cincinnati Shaper
P. O. Box 111
Cincinnati, 45211

Director of Purchases
Chemola Mfg. Company
4750 Clinton Drive
Houston, Texas

Director of Purchases
Cities Service Oil
Purchasing Deaprtment
P. O. Box 245
Tulsa, Oklahoma 73102

Director of Purchases
Chicago White Metal Casting Company
5239 West Grand
Chicago, Illinois 60639

Director of Purchases
Cities Service Gas Company
P. O. Box 25128
Oklahoma City, Oklahoma 73125

MCL001878
HARTOLDMON0002874

Director of Purchases
Cities Service
Tampa Agri. Chem Operations
P.O. Box 3269
Tampa, Florida 3360,

Director of Purchases
Clevite Corporation
Cleveland Graphite Bronze Division
Caldwell, Ohio

Director of Purchases
Melroe Company
Clark Equipment
Gwinner, North Dakota

Director of Purchases
Cliquot Club Company
725 Main Street
Millis, Maine 02054

Director of Purchases
Cleveland Crane & Engineering
1271 East 289th Street
Wickliffe, Ohio 44092

Director of Purchases
Clover Casting Company
P.O. Box 565
Redwood Highway South
Cloverdale, California 95425

Director of Purchases
Cleveland Graphite Bronze
Division Clevite Corporation
16800 St. Clair
Cleveland, Ohio 44110

Director of Purchases
Club Monarch Aluminum Division
Standard International Corporation
9205 Detroit Avenue
Cleveland, Ohio 44102

Director of Purchases
Clevite Corporation
Piezoelectric Division
232 Forbes Road
Bedford, Ohio

Director of Purchases
Clyde Equipment and Engr. Company
P.O. Box 1926
Bechtold Station
St. Louis, Missouri

P.O. Box 310
Arnold, Mo. 63010

MCL001879

HARTOLDMON0002875

Director of Purchases
Collins Radio
1930 Hiline Drive
Dallas, Texas 75207

Director of Purchases
Commercial Filters Corporation
415 Indianapolis Avenue
Lebanon, Indiana

Director of Purchases
Collins Radio
Cedar Rapids, Iowa

Director of Purchases
Commodity Steel Processing
6561 East 7 Mile Road
Detroit, Michigan 38234

Director of Purchases
Colorado Interstate Gas Company
P. O. Box 1087
Colorado Springs, Colorado

Director of Purchases
Commonwealth Edison
72 West Adams Street
P. O. Box 767
Chicago, Illinois 60690

Director of Purchases
Colson Company
440 Somerville Avenue
Somerville, Massachusetts 02143

Director of Purchases
Consolidated Aluminum Corporation
1100 Richmond
Jackson, Tennessee

Director of Purchases
Colt Industries
Crucible Magnetics Division
P. O. Box 100
Elizabethtown, Kentucky 42701

Director of Purchases
Consolidated Edison Company
of New York, Incorporated
4 Irving Place
New York, 3 New York

MCL001880

HARTOLDMON0002876

Director of Purchases
Constellation Steel Mill Equipment
200 West North Bend Road
Cincinnati, Ohio 45216

Director of Purchases
Continental Can, Co., Inc.
2727 West Higgins
Elk Grove Village, Illinois

Director of Purchases
Continental Can Company, Incorporated
1517 South Gertrude Place
Santa Ana, California

Continental Can Company, Inc.
Director of Purchases
11725 West 85th Street
Lenexa, Kansas 66215

Director of Purchases
Continental Can Company, Incorporated
Bond Crown & Cork Division
16th & Locust Streets
Wilmington, Delaware

Director of Purchases
Continental Can Company, Inc.
7100 East Baltimore Street
Baltimore, Maryland

Director of Purchases
Continental Can Company, Incorporated
135 South La Salle Street
Chicago 3, Illinois

Director of Purchases
Continental Can Company, Inc.
300 Ryders Lane
Milltown, New Jersey 08850

Director of Purchases
Continental Can Company, Incorporated
P. O. Box 1419
Clarksburg, West Virginia 26301

Director of Purchases
Continental Can Company, Inc.
170 Circle Drive North
Piscataway, New Jersey 08824

MCL001881
HARTOLDMON0002877

Continental Can Company, Inc.
Director of Purchases
19801 Holland Road
Cleveland, Ohio 44142

Director of Purchases
Continental Steel Corporation
South Plant
Kokomo, Indiana

Director of Purchases
Continental Can Company, Inc.
95 West Cresentville Road
Cincinnati, Ohio 45246

Director of Purchases
Copperweld Steel
Ohio Sheet Tube Division
Shelby, Ohio 44875

Director of Purchases
Continental Can Company, Inc.
4848 Giuton
P.O. Drawer 22085
Houston, 27, Texas

Director of Purchases
Countrys Delight Milk
Division of Certified Grocers of Ill.
5332 Southwestern Avenue
Chicago, Illinois 60609

Director of Purchases
Continental Emsco
P.O. Box 1522
Houston, Texas 77002

Director of Purchases
L.M. Cox Manufacturing Company
P.O. Box 476
Santa Ana, California

Director of Purchases

Continental Machines Incorporated

Savage, Minnesota 55378

Director of Purchases

Crane Company

4100 South Kedzie Avenue

Chicago, Illinois 62632

MCL001882

HARTOLDMON0002878

Director of Purchases
Crane Company
Airport Road
Jonesboro, Arkansas 72401

Director of Purchases
Custom Beverage & Canners
P. O. Box 1048
Charlotte, North Carolina 28201

Director of Purchases
Crist Machinery & Supply
Plateau Supply Incorporated
P. O. Box 563
Albuquerque, New Mexico 87103

Director of Purchases
Cuyahoga Industries Division
Basic Aluminum Castings Co.
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Crucible Steel Company of America
Sanderson Halcomb Works
Syracuse, New York

Director of Purchases
Cyclops Corporation
Empire Reeves Steel Division
913 Bowmen Street
Mansfield, Ohio 44901

Director of Purchases
W. F. Curlee Manufacturing Company
~~P. O. Box 776~~ 2810 Mowery Rd.
Houston, Texas

Returned
Sent 2/28

Director of Purchases
Daca Company
3/4 312 Carleton Avenue
Maryville, Michigan

Returned
Resent 2/28

Director of Purchases
Curtis Manufacturing
1905 Kienlen Avenue
St. Louis, Missouri 63133

Director of Purchases
Daisy Heddon Division
Victor Compometer Corporation
Rogers, Arkansas 72756

MCL001883
HARTOLDMON0002879

Director of Purchases
Dallas Die Casting Company
334 Rock Island Street
Dallas, Texas

Director of Purchases
Dayton Malleable Iron
3931 South Dixie Highway
Dayton, Ohio 45439

Director of Purchases
Dana Corporation
Perfect Circle Sleeve Division
Route 35 West
P.O. Box 990
Richmond, Indiana 47374

Director of Purchases
Deering Milliken, Incorporated
P.O. Box 1838
Spartanburg, South Carolina 29301

Director of Purchases
Dana Corporation
4100 Bennett Road
Toledo 1, Ohio

Director of Purchases
De Laval Manufacturing Company
811 Fourth Street
West Des Moines, Iowa

Director of Purchases

Davis Fire Brick Company

Oak Hill, Ohio 45556

Director of Purchases
De Laval Separator Company
350 Dutchess Turnpike
Poughkeepsie, New York 12602

Director of Purchases
J. H. Day Company
Cleveland Automatic Machine Company
Division
4932 Beech
Cincinnati 12, Ohio

Director of Purchases
Delmar Die Casting
17250 South Main
Gardena, California 90247

Director of Purchases
Delta Die Casting
217 Fay Avenue
Addison, Illinois 60101

Director of Purchases
Diamond Shamrock
Belle West, Virginia 25015

Director of Purchases
City of Detroit
City Controller
1110 City-County Building
Detroit, Michigan 48226

Director of Purchases
Die Cast Corporation
415 Cleveland Avenue
Sheboygan Falls, Wisconsin

Director of Purchases
A. P. De Sanno & Sons Incorporated
Phoenixville, Pennsylvania

Director of Purchases
Die Cast Manufacturing
10148 Rust Street
El Monte, California 91733

Director of Purchases
Diamond Chain Company
402 Kentucky Avenue
Indianapolis, Indiana

Director of Purchases
Dive Shop
110 West Main Street
Bayshore, New York 11706

Director of Purchases
Diamond Metal Alloys
P. O. Box 2119
Houston, Texas 77001

Director of Purchases
Divers Equipment
5800 Barrymore
Kansas City, Missouri 64134

Director of Purchases

Dix Line Casket Hardware Company

Galva, Illinois

Director of Purchases
Dow Chemical Company
P. O. Box 752
Russellville, Arkansas 72801

Director of Purchases
Dort Manufacturing Company
3283 South Dort Highway
Flint, Michigan 45807

Director of Purchases

Dow Chemical Company

P. O. Box 1724

Midland, Michigan

Director of Purchases

Double A Products Company

Manchester, Michigan

Director of Purchases
Dravo Corporation
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Dover-Hunter-Hays Company
106 Buena Vista S. E.
Alburquerque, New Mexico

Director of Purchases
Dresser Industries
P. O. Box 7247
Dallas, Texas 57209

Director of Purchases
Down Industrial Service
428 Thatcher Drive
Box 2429
Youngstown, Ohio 44509

Director of Purchases
Drumheller Tool & Die Company
7312 Elmo
Tujunga, California 91042

Director of Purchases
Dryad Die Casting Corporation
North Avenue
Manchester, New York

Director of Purchases
Dutton-Lainson Company
1601 West Second Street
Hastings, Nebraska 68901

Director of Purchases
Duncan Industries Incorporated
751 Pratt Boulevard
Elk Grove Village, Illinois 60007

Director of Purchases
Dynamic Forge Corporation
Oxford, Nebraska

Director of Purchases
E. I. Du Pont de Nemours & Co., Inc.
Purchasing Department
Room 6074
Wilmington, Delaware

Director of Purchases
Eagle Iron Works
P. O. Box 934
Des Moines, Iowa 50304

Director of Purchasing
Duquesne Light
General Purchasing Department
Elrama, Pennsylvania 15038

Director of Purchases
East Chicago Machine Tool Corp.
4801 Railroad Avenue
East Chicago, Indiana 46312

Director of Purchases
Durrum Instruments
3950 Fabian Way
Palo Alto, California 94303

Director of Purchases
Eastern Castings
64 South William
Newburgh, New York 12550

MCL001887
HARTOLDMON0002883

Director of Purchases
Eastland Industries, Incorporated
P.O. Box 190
Eastland, Tx. 76448

Director of Purchases
E G & G Incorporated
P.O. Box 294
San Ramon, California 94583

Director of Purchases
Eastman Kodak Company
Kodak Part Works
543 State Street
Rochester 4, New York

Director of Purchases
E & H Specialties
1907 College Wood
Ypsilanti, Michigan 48197

Director of Purchases
Eaton Corporation
Char-Lynn Plant
15151 Highway 5
Eden Prairie, Minnesota 55343

Director of Purchases
Elano Corporation
2455 Dayton Xenia Road
Xenia, Ohio 45385

Director of Purchases
Eaton Corporation
1111 East 200th Street
Cleveland, Ohio

Director of Purchases
Electric Energy Incorporated
P.O. Box 165
Joppa, Illinois 62953

Director of Purchases
Eaton Yale & Towne, Incorporated
Eaton Valve Division
463 North 20th Street
Battle Creek, Michigan

Director of Purchases
Electrical Products Division
Midland Ross Corporation
2210 South David Street
Los Angeles, California 90022

Director of Purchases
Electrolux Corporation
Division Consolidated Foods Corporation
51 Forest Avenue
Old Greenwich, Connecticut 06870

Director of Purchases
Emerson Electric Company
In-Sink-Erator Division
4700 21st Street
Racine, Wisconsin

Director of Purchases
Elliott Company
North Fourth Street
Jeanette, Pennsylvania 15644

Director of Purchases
Empire Adhesives
70 Concord Street
North Reading, Massachusetts 0186

Director of Purchases
El Paso Natural Gas
P. O. Box 1492
El Paso, Texas

Director of Purchases
Empire Die Casting Company
19800 Miles Avenue
Cleveland, Ohio 44128

Director of Purchases
The Elwell-Parker Electric Company
4205 St. Clair Avenue
Cleveland, Ohio 44103

Director of Purchases
Empire Plow Company
3140 East 65th Street
Cleveland, Ohio 44127

Director of Purchases
Mr. R. E. Petering
Emerson Electric Mfg. Company
Turrett Division
810 Florissant Avenue
St. Louis, Missouri

Director of Purchases
Erickson Corporation
211 St. Anthony Boulevard N. E.
Minneapolis, Minnesota

Director of Purchases
Erie Mining
Box 947
Hoyt Lake, Minnesota 55750

Director of Purchases
Excello Corporation
945 East State Street
Greenville, Ohio

Director of Purchases
Esco Corporation
2141 N.W. 25th Avenue
Portland, Oregon

Director of Purchases
Fan Steel Incorporated
Route 5
Box 238
Muskogee, Oklahoma 74401

Director of Purchases
Essex International Company
Polymer Division
2816 North Main Street
Rockford, Illinois 61103

Director of Purchases
Farrell Cheek Steel Company
710 Lane Street
Sandusky, Ohio 44870

Director of Purchases
Essex International
P.O. Box 278
618 Fourth Street
Three Rivers, Michigan 49193

Director of Purchases

Fate-Root Heath Company

Plymouth, Ohio 44865

Director of Purchases
Ethyl Corporation
1600 West 8 Mile Road
Ferndale, Michigan 48220

Director of Purchases
Federated Metals
P.O. Box 24038
Houston, Texas 77029

MCL001890

HARTOLDMON0002886

Director of Purchases
Federal Mogul Division
Federal Mogul Corporation
451 County Line Road
Mooresville, Indiana 46158

Director of Purchases
Florida Steel Corporation
P. O. Box 3321
Tampa, Florida 33601

Director of Purchases
Federal Mogul
2310 S. Industrial Highway
Ann Arbor, Michigan

Director of Purchases
Florida Steel
P. O. Box 518
Indiantown Electric Steel Mill
Indiantown, Florida 33456

Director of Purchases
Federal Screws Works, Incorporated
3401 Martin Avenue
Detroit, Michigan 48210

Director of Purchases
Fluid Controls Incorporated
P. O. Box 49
Mentor, Ohio 44060

Director of Purchases
Feem Products Incorporated
P. O. Box 242
Iola, Kansas 66749

Director of Purchases
Foote Mineral Company
Kemco Operation
Commercial Alley
Keokuk, Iowa 52632

Director of Purchases
University of Southern Florida
4202 Fowler Avenue
Tampa, Florida 33620

Director of Purchases
Ford Motor Company
Box 458
Dearborn, Michigan

MCL001891
HARTOLDMON0002887

Director of Purchases
Formex Company
Austin Street
P. O. Box 330
Greenville, Tennessee

Director of Purchases
Gedney Electric Company
Main Street
Terryville, Conn. 06786

Director of Purchases
Ft. Smith Industrial Foundation Corp.
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
General Cable Corporation
500 High Street
Perth Amboy, N. J.

Director of Purchases
Fraser Machine Products
6338 Lindmar Drive
Goleta, California 92017

Director of Purchases
General Electric
Accounts Payable
Building 5, Room 137
Louisville, Kentucky 40225

Director of Purchases
J. L. French Corporation
3101 S. Taylor Drive
Sheboygan, Wisconsin

Director of Purchases
General Electric
1731 Edsall Avenue
Ft. Wayne, Indiana 46803

Director of Purchases
Gardner Denver Company
Gardner Expressway
Quincy, Illinois 62301

Director of Purchases
General Electric
Aerospace Electronics
Accounts Payable Dept.
Box 459

Utica, New York 13503

Director of Purchases
General Electric Company
Apparatus Service Shop
156 Circle Freeway Drive
Cincinnati, Ohio 45246

Director of Purchases
General Electric
Service Shop
175 Milens Road
Tonawanda, New York 14150

Director of Purchases
General Electric
Lamp Metals & Components
21800 Tungsten Road
Cleveland, Ohio 44117

Director of Purchases
General Motors Corporation
Delco Battery Operations
Delco Remy Division
1201 North Magnolia
Anaheim, California

Director of Purchases
General Electric Company
4811 Chaffey Access Road
Fort Smith, Arkansas

Director of Purchases
General Motors Corporation
Delco Remy Division
P. O. Box 2439
Accounts Payable Department
Anderson, Indiana 46011

Director of Purchases
General Electric
1801 South 12th Street
Allentown, Pa. 18103

Director of Purchases
General Motors Corporation
Delco Radio Division
Kokomo, Indiana

Director of Purchases
General Electric
Atomic Power Equipment Department
P. O. Box 254,
2151 South First Street
San Jose, California

Director of Purchases
General Motors
Central Foundry Division
77 West Center Street
Saginaw, Michigan 48605

Director of Purchases
General Motors Corporation
Chevrolet Motors Division
Roosevelt Town
Massena, New York 13662

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
Attn: Financial Dept.
P.O. Box 460
Massena, New York 13662

Director of Purchases
General Motors Corporation
Delco Remy Division
Accounts Payable Department
Anderson, Indiana 46014

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
P.O. Box 21
Buffalo, New York 14240

Director of Purchases
General Motors Corporation
Proving Grounds
Accounts Payable
Milford, Michigan 48042

Director of Purchases
General Motors Corporation
Chevrolet Bay City Plant
100 Fitzgerald Street
Bay City, Michigan 48706

Director of Purchases
General Motors Corporation
Buick Motor Division
Hamilton Avenue
Flint, Michigan

Director of Purchases
GMC Chevrolet Motor Division
Buffalo Plant
1001 East Delavan Avenue
P.O. Box 972
Buffalo, New York 14240

Director of Purchases
Pontiac Motor Division
Box 55
Pontiac, Michigan

Director of Purchases
General Motors Corporation
Chevrolet-Saginaw Grey Iron Foundry
10th and Washington
Saginaw, Michigan

Director of Purchases
General Dynamics Corporation
P. O. Box 748
Fort Worth, Texas 76101

Director of Purchases
General Motors Corporation
Central Foundry Division
77 West Center Street
Saginaw, Michigan

Director of Purchases
General Shale Products, Incorporated
P. O. Box 96
Morresville, Indiana 46158

Director of Purchases
General Motors Corporation
Definace Plant
Definace, Ohio

Director of Purchases
Georgetown Steel
P. O. Box 619
Georgetown, South Carolina 29440

Director of Purchases
General Motors Corporation
New Doparture
Hyatt Bearings
Sandusky, Ohio 44871

Director of Purchases
Gerard Metal Craftsman
151 West Rosecrans Avenue
Gardena, California 90247

Director of Purchases
General Casting Corporation
Route 6
Jefferson Valley, New York 10535

Director of Purchases
Gerity Schultz Corporation
1810 Clinton Street
Toledo, Ohio 43607

Director of Purchases
Getty Oil Company
4201 Wilshire Boulevard
Tidewater Building
Los Angeles, 5 California

Director of Purchases
Glass Rock Products
2710 Marietta Boulevard N. W.
Atlanta, Georgia 30819

Director of Purchases
Getty Oil Company
P. O. Bin H
Taft, California 93268

Director of Purchases
Glass City Tool and Die Company
5202 Enterprise Boulevard
Toledo, Ohio 43612

Director of Purchases
Getty Oil Company
P. O. Box 954
Coalinga, California

Director of Purchases
Glen-Gery Corporation
P. O. Box 1656
East Canton, Ohio 44730

Director of Purchases
Gilmore Industries Inc.
3355 Richmond Road
Cleveland, Ohio 44122

Director of Purchases
Glenvale Products Division
Hoover Ball Bearing Company
P. O. Box 220
Malvern, Arkansas 72104

Director of Purchases
GIM Metal Products Inc.
164 Glen Cove Road
Carle Place, New York 11514

Director of Purchases
Global Supply
P. O. Box 1523
Houston, Texas 77001

Director of Purchases
Globe Industries Incorporated
1784 Stanley Avenue
Dayton 4, Ohio

Director of Purchases
Goulds Pumps Incorporated
Seneca Falls, New York 13148

Director of Purchases
Golden Foundry Company
1616 10th Street
Columbus, Indiana 47201

Director of Purchases
Grand Steel & Mfg. Company
1400 West 14 Mile Road
Clawson, Michigan 48017

Returned
Out of Business

Director of Purchases
The Goodyear Tire & Rubber Co.
Akron, Ohio 44315

Director of Purchases
Granite City Steel Company
Granite City, Illinois

Director of Purchases
Goslin-Birmingham, Incorporated
8th Avenue and 33rd Street North
Birmingham, Alabama 35222

Director of Purchases
Great Lakes Carbon Corporation
P. O. Box 2868
Carondelet Station
526 East Catalin Street
St. Louis, Missouri 63111

Director of Purchases
Gould Incorporated
Clevite Bearing Division
17000 St. Claire Avenue
Cleveland, Ohio 44110

Director of Purchases
Great Lakes Gas Transmission Compa
One Woodward Avenue
Detroit, Michigan 48226

MCL001897
HARTOLDMON0002893

Director of Purchases
Great Western Sugar Company
Terminal Annex
P.O. Box 5308
Denver, Colorado

Director of Purchases
Gulf Coast Aluminum Corporation
P. O. Box LL
Lake Charles, Louisiana 70601

Director of Purchases

A.P. Green Refractories

Mexico, Missouri 65265

Director of Purchases
Gulf Oil Corporation
P.O. Box 1166
Gulf Building
Pittsburgh, 40, Pa.

Director of Purchases
Griffin Pipe Products Company
R.D. Plant
1100 West Front Street
Florence, New Jersey 08518

Director of Purchases
Gulf States Tube Corporation
P.O. Box 952
Rosenberg, Texas 77471

Director of Purchases
Grinnell Corporation
P.O. Box 59
Columbia, Pennsylvania 17512

Director of Purchases
Hallenberger Incorporated
P.O. Box 5085
Evansville, Indiana 47711

Director of Purchases
Grotnes Machine Works Incorporated
5454 North Wolcott
Chicago, Illinois 60640

Director of Purchases
Hamco Division
Kayex Corporation
1000 Millstead Way
P.O. Box 8920
Rochester, New York 14624

Director of Purchases
Harvey Aluminum
P. O. Box 8
Lewisport, Kentucky 43251

Director of Purchases
Hanna Nickle Smelting Company
Riddle, Oregon 97469

Director of Purchases
Harvey Aluminum Incorporated
19200 South Western Avenue
Torrance, California 90509

Director of Purchases
H. M. Harper Company
8200 Le High Avenue
Morton Grove, Illinois 60053

Director of Purchases
Harvey Aluminum Reduction Division
P. O. Box 711
The Dalles, Oregon

Director of Purchases
Harrison Machine Company
3118 Station Road
P. O. Box W 67
Wesleyville, Erie, Pa. 16510

Director of Purchases
H. L. Harvill Manufacturing Company
24201 Orange Avenue
Perris, California

Director of Purchases
Harvey Aluminum of Washington
Star Route 677
P. O. Box 677
Goldendale, Washington 98620

Director of Purchases
Hatco Chemical Division
W. R. Grace & Company
King George Post Road
Fords, New Jersey, 08863

MCL001899
HARTOLDMON0002895

Director of Purchases
W. R. Grace & Company
Nitrogen Products
P. O. Box 277
Memphis, Tennessee 38101

Director of Purchases
Heat & Control
225 Shaw Road
San Francisco, California 94080

Director of Purchases
Havenly Products Company
Box 222
St. Clair Shores, Michigan

Director of Purchases
Heisler Machine & Tool Company
224 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Hawthorne Melody Farms Dairy
4201 West Chicago Avenue
Chicago, Illinois 60651

Director of Purchases
Helmerich & Payne Intl.
Utica & 21st Street
Tulsa, Oklahoma 74114

Director of Purchases
Hays Manufacturing Company
12th and Liberty Streets
Erie, Pennsylvania 16512

Director of Purchases
Hercules Incorporated
Radford Arsenal
Radford, Virginia

Director of Purchases
Peter Healey Brass Foundry Inc.
P. O. Box 4163
Station A
Evansville, Indiana 47711

Director of Purchases
Hewlett Packard Company
1401 Page Hill Road
Palo Alto, California 94304

MCL001900
HARTOLDMON0002896

Director of Purchases
High Voltage Power Corporation
Walk Up Drive
Westboro, Ma. 01581

Director of Purchases
Honeywell Incorporated
17300 South Western Boulevard
Gardena, California 90427

Director of Purchases
Hilliard Corporation
100 West 4th Street
Elmira, New York 14902

Director of Purchases
Honeywell Incorporated
Ordnance Division
600 2nd Street North
Hopkins, Minnesota

Director of Purchases
Hitchcock Industries, Incorporated
8701 Bloomington Avenue South
Minneapolis, Minnesota

Director of Purchases
Hooker Chemical Corporation
P. O. Box 344
Niagara Falls, New York

Director of Purchases
Holly Hydraulics Incorporated
Monmount Road
Rd. 1
Mt. Holly, New Jersey 08060

Director of Purchases
Hopping Foundry
367 Arroyo Parkway
Pasadena, California

Director of Purchases
Holt Industries, Inc.
5221 Lincolm Boulevard
Venice, California

Director of Purchases
Hot Springs Brass and Foundry Co.
418 Cleveland Street
Hot Springs, Arkansas 71901

Director of Purchases
E. F. Houghton & Company
300 West Lehigh Avenue
Philadelphia 33, Pennsylvania

Director of Purchases
Hugle Industries
625 North Pastoria Avenue
Sunnyvale, California 94086

Director of Purchases
Houston Systems Mfg.
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Humble Oil & Refining Company
Benicia Refinery
Benicia, California

Director of Purchases
Howmet Corporation
Aluminum Division
P. O. Box 1167 TR
Lancaster, Pennsylvania 17604

Director of Purchases
Hunt Wesson Foods Incorporated
Glass Container Corporation
P. O. Box 3758
Term Annex
Los Angeles, 54, California

Director of Purchases
Huckins Tool & Die Company
1010 Prairie Avenue
Southbend, Indiana 46621

Director of Purchases
Hunt Wesson Foods Incorporated
4421 West 31st Street
Chicago, Illinois

Director of Purchases
Huffaker Plumbing and Heating Co.
725 Front Street
Troy, Ohio 45373

Director of Purchases
Hyatt Die Casting & Engineering Co.
4656 Lincoln Avenue
Cypress, California 90630

MCL001902
HARTOLDMON0002898

Director of Purchases
Hydranamics Systems Corporation
19613 81st Street South
Kent, Washington

Director of Purchases
Illinois Brick Company
Block Plant 2
1234 Rd. and California
Blue Island, Illinois

Director of Purchases
Hydraulic & Air Equipment Company
1925 N.W. Quimby Street
Portland, Oregon 97209

Director of Purchases
Illinois Lock Company
301 West Hintz Road
Wheeling, Illinois 60090

Director of Purchases
Hydraulic Service Company
522 Township Line Road
Cheltenham, Pennsylvania 19012

Director of Purchases
Impact Die Casting Corporation
1212 East Sixth Street
Sandwich, Illinois

Director of Purchases
Hydro Conduit Corporation
P.O. Box 939
Corona, California 91720

Director of Purchases
Inductotherm Corporation
10 Indel Avenue
Rancocas, New Jersey 08073

Director of Purchases
Ideal Fishing Float Company, Inc.
2001 East Franklin Street
Richmond 3, Virginia

Director of Purchases
Industrial Castings Incorporated
9400 Meech Avenue
Cleveland, Ohio 44105

Director of Purchases
Ingersoll-Rand Company
Industrial Park
Campbellville, Ky. 42718

Director of Purchases
Interlakes Engineering
39200 Groesbeck Highway
Mt. Clemens, Michigan 48043

Director of Purchases
Intermarine Services, Incorporated
7016 North Loop East
Houston, Texas 77028

Director of Purchases

Ingram Richardson, Inc.

Frankfort, Indiana 46041

Director of Purchases
IMB Corporation
Monterey & Cottle Roads
San Jose, California 95114

Director of Purchases
International Cast Products, Inc.
1505 West 139th Street
Gardena, California

Director of Purchases
Interlake Steel Corporation
135th & Perry Avenue
Chicago, Illinois 60627

Director of Purchases
International Harvester Company
Melrose Park Works
10400 West North Avenue
Melrose Park, Illinois

MCL001904
HARTOLDMON0002900

Director of Purchases
International Paper Company
Southern Kraft Division
P. O. Box 2448
Mobile, Alabama 36601

Director of Purchases
ITT Controls and Instruments
801 Allen Avenue
Glendale, California

Director of Purchases
International Tool and Supply Company
P. O. Box 3292
Houston, Texas 77001

Director of Purchases
ITT Federal Support Services, Inc.
Federal Building
Box 100
Richland, Washington 99352

Director of Purchases
Ireco Industries Incorporated
1300 Bethel Drive
P. O. Box 2709
Eugene, Oregon 97402

Director of Purchases
ITT Rayonier Incorporated
P. O. Box 299
Hoquiam, Washington 98550

Director of Purchases
Town of Islip
County of Suffolk
Town Hall, Main Street
Islip, New York 11751

Director of Purchases
Jackes-Evans Manufacturing Co.
11737 Administration Drive
West Port Industrial Park
St. Louis, Missouri 53141

Director of Purchases
ITT Cannon Electric Company
666 East Dryer Road
Santa Ana, California

Director of Purchases
Jade Corporation
3063 Philmont Avenue
Bethayres, Pennsylvania 19006

Director of Purchases
Joslyn Stainless Steel
1701 McKinely Avenue
Ft. Wayne, Indiana

Director of Purchases
JMP Air Company
Lake Tenikeler
Star Route
Vian, Oklahoma 74926

Director of Purchases
The Joyce-Cridland Company
1st & Hott Streets
Dayton, Ohio 45403

Director of Purchases
Ben Johnson Associates, Inc.
460 South 1st Street
Bangor, Pennsylvania 18013

Director of Purchases
Julian Aluminum Foundry Company
13651 Holen
Detroit, Michigan 49212

Director of Purchases
Jones Boat Yard
3399 N. W. So. River Drive
Miami, Florida

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 89
Oakland, California 94604

Director of Purchases
E. M. Jorgensen Steel Company
8531 East Marginal Way South
Seattle, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 6217
Spokane 28, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
3400 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Kawneer Company
P. O. Box 516
Jonesboro, Georgia 20236

Director of Purchases
Kamin Die Casting
3315 North Knox
Chicago, Illinois 60641

Director of Purchases
M. W. Kellogg Company
711 Third Avenue
New York, New York

Director of Purchases
Kason Hardware Corporation
Colesville Road
Binghamton, New York 13902

Director of Purchases
Kelsey Hayes Company
38481 Huron River Drive
P. O. Box 98
Detroit, Michigan 48174

Director of Purchases
Kasper Foundry Company
P. O. Box 549
Elyria, Ohio 44035

Director of Purchases
Kenco Die Casting and Engineering C
14418 S. San Pedro Street
Gardena, California 90247

Director of Purchases
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Wenatchee Works
P. O. Box 1704
Wenatchee, Washington 98801

Director of Purchases
Kennametal Incorporated
Labrobe, Pennsylvania 15650

Director of Purchases
Kennecott Copper Corporation
161 East 42nd Street
New York, New York 10017

Director of Purchases
Kiekaefer Mercury Division
Brunswick Corporation
1939 Pioneer Road
Fond du Lac, Wisconsin

Director of Purchases
Kerr McGee Corporation
c/o American Potash & Chemical Corp.
Kerr McGee Building
Oklahoma City, Oklahoma 73102

Director of Purchases
Kipstron Incorporated
1143 Furton S. E.
Grand Rapids, Michigan 49507

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Keystone Brass Works Incorporated
944 West 12th Street
Erie, Pennsylvania 16512

Director of Purchases

Kitchen Quip Incorporated

Waterloo, Indiana

Director of Purchases
Keysonte Steel & Wire Company
6900 S. Adams Street
Peoria 7, Illinois

Director of Purchases
Koppers Company
Koppers Building
Room 1322
Pittsburgh, Pa. 15219

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Kux Machine Corporation
2100 South Wolf Road
Des Plaines, Illinois

Director of Purchases
City of Lakeland
Division of Larsen Power Plant
Lackland, Florida

Director of Purchases
Kyle Machine Works
6928 Commerce Street
El Paso, Texas

Director of Purchases
Lanseo Diecasting
9630 East Fern
South El Monte, California 91733

Director of Purchases
Laclede Gas Company
Purchasing Department
Drawer 9, Central Station
St. Louis, Missouri 63188

Director of Purchases

Latrobe Steel Company

Latrobe, Pennsylvania

Director of Purchases
Laclede Steel Company
Arcade Building
St. Louis, Missouri

Director of Purchases
Lectromelt Corporation
P. O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases

Laclede Steel

Alton, Illinois

Director of Purchases
Lester Engineering Company
2711 Church Street
Cleveland, Ohio 44113

Director of Purchases
Lester Industries, Incorporated
P. O. Box 46309
Bedford, Ohio 44146

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E. C. Ernst Incorporated
c/o L. Jones & Laughlin
Blast Furnace Crow Island
West Aliquippa, Pa. 15001

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Seco Road
Monroeville, Pennsylvania 15416

Director of Purchases
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Ingalls East Division
P. O. Box 149
Pascagoula, Mississippi

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Libby Owens Ford Company
811 Madison Avenue
Toledo, Ohio

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480 Gotham Parkway
Carlstadt, New Jersey 07072

Director of Purchases
Lindberg Corporation
Furnace Division
1211 East Fewer Road
Schauburg, Illinois 60172

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Jones & Laughlin Steel Corporation
SE Corner 3rd Avenue & Ross
Pittsburgh, Pa.

Director of Purchases
Ling Temco Vought Corporation
c/o J&L Steel Corporation
Hennepin Works Division
Hennepin, Illinois 61327

Director of Purchases
Lockheed California
3220 Thornton Avenue
Burbank, California 91503

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Logansport Machine Company Inc.

Logansport, Indiana 46947

Director of Purchases

Lyons Diecasting

Buckner, Missouri

Director of Purchases
Logi Trol Incorporated
135 Weldon Parkway
Maryland Heights, Mo. 63043

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201 Waubesa Street
Madison, Wisconsin 53704

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340 Crocker
Los Angeles, California

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Magna Copper Company
San Manuel Division
Refinery Warehouse
San Manuel, Arizona 85631

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Louden Division
American Chain & Cable Company
Fairfield, Iowa

Director of Purchases
Magnesium Casting Company
98 Business Street
Hyde Park, Boston, Massachusetts

Director of Purchases
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58 Courtland Building
P.O. Drawer 411
Lynchburg, Virginia 28501

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1029 West 7th Street
Cincinnati, Ohio 45203

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Bradley, Illinois

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Marvel Engineering
7227 North Hamlin
Chicago, Illinois 60645

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Marathon Oil Company
539 South Main
Findlay, Ohio 45840

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Masten Corporation
3555 West Adison
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Marion Bronze Company

Marion, Ohio

Director of Purchases
Materials Transportation Company
1685 North Elston Avenue
Chicago, Illinois 60622

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60 Broad Street
New York, New York 10004

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Zinc Company
LaSalle, Illinois 61301

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Building 4485
Huntsville, Alabama 35812

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6101 West Century Boulevard
Los Angeles, California 90045

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Accounts Payable
5301 Balsa Avenue
Santa Monica, California 92647

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10 South Riverside Drive
Chicago, Illinois 60606

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Brown Road
St. Louis, Missouri

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Detroit, Michigan

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333 West River
Elgin, Illinois 60120

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1225 West High Street
Lexington, Kentucky 40508

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McGraw Edison Company
Tupelo, Mississippi 38801

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Div. Universal Manufacturing Co.
516 West Fourth Street
Winona, Minnesota

Director of Purchases
Power Systems Division
12th & Madison Avenues
South Milwaukee, Wisconsin 53172

Director of Purchases

Mercer Alloys Company

Transfer, Pennsylvania

Director of Purchases
Mercer Alloys
P. O. Box 511
Greenville, Pennsylvania 16125

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Michigan Wisconsin Pipe Company
One Woodward Avenue
Detroit, Michigan 48226

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166 Valley Street
Providence, Rhode Island 02909

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Methodist Hospital
6516 Bertner Drive
Houston, Texas 77025

Director of Purchases

Micro Switch

Freeport, Illinois 61033

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P. O. Box 542
Reading, Pennsylvania 19603

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US 41A at Tucker
Schoolhouse Road
Madisonville, Kentucky 42431

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P. O. Box 691
Benton Harbor, Michigan 49022

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Midland Division
Dexter Corporation
1785 North Eastern Avenue
Los Angeles, California 90032

Director of Purchases
Midland Ross Corporation
Electrical Products
Highway 11 Bypass
Congress Parkway
Athens, Tennessee

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Minnesota Mining & Manufacturing Co.
P. O. Box 33121
St. Paul, Minnesota 55133

Director of Purchases
Midwest Fluid Power Company
4325 Harris Street
Toledo, Ohio 43613

Director of Purchases
Minnkota Paper Coop, Incorporated
P. O. Box 127
Center, N. C. 58530

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Midwest Foundry Company
Division L. A. Darling Company
Coldwater, Michigan

Director of Purchases
Mirro Aluminum Company
Plant 2
Manitowoc, Wisconsin

Director of Purchases
Miller Tool & Die Company
835 Belden Road
Jackson, Michigan 49203

Director of Purchases
Mission Corporation
c/o Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma 74119

Director of Purchases
Milwaukee Die Casting Company
4132 North Holton Street
Milwaukee, Wisconsin 53211

Director of Purchases
Missouri Rogers Corporation
Missouri Casting Division
P. O. Box 1385
905 East Third Street
Joplin, Missouri 63801

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HARTOLDMON0002911

Director of Purchases
Mobil Chemical Company
Chemical Coatings Division
P. O. Box 1388
Plainfield, New Jersey 07062

Director of Purchases
Modern Die Casting Corporation
5419 North Kedzie Avenue
Chicago, Illinois 60640

Director of Purchases
Mobil Oil Corporation
P. O. Box 2122
Los Angeles, California 90054

Director of Purchases
Modern Equipment Company
336 South Spring Street
Port Washington, Wisconsin 53074

Director of Purchases
4 Penn Center Plaza
16th & J. F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103

Director of Purchases
Moen Machine Works
9425 Norwalk Boulevard
Santa Fe Springs, California 90670

Director of Purchases
Moffitt Incorporated
P. O. Box 136
Penna Route 136
Eighty Four, Pennsylvania 153330

Mobil Oil Corporation
Attn: Director of Purchases
P. O. Box 3311
Beaumont, Texas

Director of Purchases
Moline Malleable Iron Company
St. Charles, Illinois 60174

Director of Purchases
Montgomery Elevator Company
4135 Brownsville Road
Pittsburgh, Pennsylvania

Director of Purchases
A. B. Mueller & Company
2101 East John Street
St. Louis, Missouri

Director of Purchases
Montana Power
Purchasing Department
P. O. Box 1338
Butte, Montana 59701

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Murdock Incorporated
15800 South Avalon Boulevard
Compton, California 90220

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Jack Morris

Neddesha, Kansas 66757

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T. O. Murphy
247 West Lorain
Oberlin, Ohio 44074

Director of Purchases

Mueller Company
630 Lambert
Brea, California 92621

Director of Purchases
L. W. Nash Company
P. O. Box 151
E. Palestine, Ohio 44413

Director of Purchases

Mueller Brass Company

Port Huron, Michigan

Director of Purchases
Nassau Smelting & Refining Company
1 Nassau Place
Staten Island, New York 10307

Director of Purchases
National Aluminum
c/o Brown & Roote
Hawesville, Kentucky

Director of Purchases
National Metallurgical
1801 South A Street
P. O. Box 56
Springfield, Oregon 97477

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National Cooperative
Refinery Association
McPherson, Kansas

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National Starch & Chemical Corp.
1735 West Frong Street
Plainsfield, N. J. 07063

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North Avenue
Garwood, New Jersey

Director of Purchases
Natural Gas Pipe Line Co. of Am.
122 South Michigan Avenue
Chicago 3, Illinois

Director of Purchases
National Machinery
Greenfield & Staunton Streets
Tiffin, Ohio 44883

Director of Purchases
Natural Gas Pipe Line Co. of Am.
Box 72
Highway 34
Jackson, Missouri 63755

Director of Purchases
National Metal Abrasive Company
3560 Norton Road
Cleveland, Ohio 44111

Director of Purchases
Nefco Filter Corporation
Box 280
Stoughton, Wisconsin 53589

Director of Purchases
Nouschotz Engineering
6500 South Avalon Boulevard
Los Angeles, California 90003

Director of Purchases
Nordberg Manufacturing Company
P. O. Box 383
Milwaukee, Wisconsin 53201

Director of Purchases
City of New Madrid
c/o Noranda Aluminum, Inc.
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
Norris Industries
5215 South Boyle Avenue
Los Angeles, California 90058

Director of Purchases
Newman Machine Company Inc.
P. O. Box 5467
Greensboro, N. C. 27403

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North American Foundry Company
4721 Zero Street
Fort Smith, Arkansas 72901

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N. L. Industries, Incorporated
Titanium Division
Carondelet Station
St. Louis, Missouri

Director of Purchases
North American Manufacturing Co.
4455 East 71st Street
Cleveland, Ohio 44105

Director of Purchases
Noranda Mines
Conductor Division
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
North American Rockwell Corp.
1700 East Imperial Highway
El Segundo, California

Director of Purchases

Northern Packaging Corporation
777 Winning Park Avenue
Rochester, New York
14613
Reissue 2/25

Director of Purchases
Novamont Corporation
Neal Works
P.O. Box 189
Kenova, West Virginia 25530

Director of Purchases
Northland Resources
P.O. Box 668
Rangely, Colorado

Director of Purchases
Oak Manufacturing Company
650 South Avenue 21
Los Angeles, California 90031

Northern Malleable Iron Company
867 Forest Street
St. Paul, Minnesota 55106

Attn: Director of Purchases

Director of Purchases
Obear Nester Glass Company
Lincoln Plant
Lincoln, Illinois, 62656

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Northrop Corporation
Aircraft Division
3901 West Broadway
Hawthorne, California 90250

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P.O. Box 61780
1600 Canal Street
New Orleans, Louisiana 70160

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121 Wallace Street
Sterling, Illinois 61081

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Ohio Brass Company
300 North Diamond Street
Mansfield, Ohio 44902

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Ohio Energy Systems
1055 West 3rd Street
Columbus, Ohio 43212

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5200 N. W. Front Avenue
Portland, Oregon 97210

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P. O. Box 670
Arlington, Texas 76010

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Orlando Utilities Commission
P. O. Box 3193
Orlando, Florida 32801

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P. O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Ormet Corporation
P. O. Box 176
Omal, Ohio 43931

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Omark Industries
Williams Air Control Division
14100 S. W. 72nd
Portland, Oregon 97223

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Oswego Casting Corporation
Mitchell Street
Oswego, New York 13126

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Orange County Diecasting
1367 North Santiago Avenue
Santa Ana, California 92705

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Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

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Overmyer Corporation
Winchester, Indiana 47394

Director of Purchases
Town of Oyster Bay
Sanitary Services Incinerator
Plant 2
Winding Road
Old Bethpage, New York

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9850 Adella Street
South Gate, California

Director of Purchases
Pacific Lighting Service Company
P. O. Box 54790
Terminal Annex
Los Angeles, California 90054

Director of Purchases
Owens Aluminum Corporation
P. O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Pan Am World Airways
P. O. Box 1412
Grand Central Station
New York, New York 10017

Director of Purchases
Owens Corning Fiberglass Corporation
Anderson, South Carolina

Director of Purchases
Panhandle Eastern Pipe Line Comp.
P. O. Box 1348
Kansas City, Kansas 64141

Director of Purchases
Owens Illinois Incorporated
1700 North Westwood Avenue
Toledo, Ohio 43607

Director of Purchases
Park Ohio Industries Incorporated
Ohio Crankshaft Division
3800 Harvard Avenue
Cleveland, Ohio 44105

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Director of Purchases
Parker Hannifin Corporation
18321 Jamboree Boulevard
Irvine, California 92664

Director of Purchases
Pennwalt Corporation
Stokes Division
5500 Tabor Road
Philadelphia, Pennsylvania 19120

Peasley Products Incorporated
Attn: Director of Purchases
993 Honeyspot Road
Stratford, Conn. 06497

Director of Purchases
Perfection Heat Treating Company
1756 West Hubbard Street
Chicago, Illinois 60622

Director of Purchases
Peco Manufacturing Company Inc.
P. O. Box 02156
Portland, Oregon 97202

Director of Purchases
Penn Controls Incorporated
Goshen, Indiana

Director of Purchases
Permanent Casting Incorporated
P. O. Box 191
285 Shady Grove Road
Hot Springs, Arkansas 71901

Director of Purchases
Pennsylvania Refining Company
Ohio Division
2685 Lisbon Road
Cleveland, Ohio 44104

Director of Purchases
Petroleum Distributing Co., Inc.
P. O. Box 203
Houston, Texas 77001

Director of Purchases
Petrotomics Company
P.O. Box 2450
Casper, Wyoming 92601

Director of Purchases
Phelps Dodge Corporation
300 Park Avenue
New York, New York

Director of Purchases
Pevely Dairy Company
Purchasing Department
Grand & Chouteau Avenue
St. Louis, Missouri 63103

Director of Purchases
Phelps Dodge Copper Products
P.O. Box 20200
El Paso, Texas 79998

Director of Purchases
Charles Pfizer & Company, Inc.
Vigo Plant
Terre Haute, Indiana 47080

Director of Purchases
Phoenix Die Casting
23 Illinois Street
Buffalo, New York 14230

Director of Purchases
George Pfleger
Lantana Boat Yard
808 North Dixie Highway
Lantana, Florida

Director of Purchases

Phoenix Steel

Claymont, Delaware 19703

Director of Purchases
G.P. Pfleger
1501 Westcliff Drive
Suite 301
New Port Beach, California 92560

Director of Purchases
The Pillsbury Company
311 Second Street Southeast
Minneapolis, Minnesota 55414

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Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Ponka Drilling & Products Company
Box 753
Rangely, Colorado 81648

Director of Purchases
Pittsburgh Plate Glass
Glass Division
Works No. 26,
Crestline, Ohio 44874

Director of Purchases
Potlatch Forests Incorporated
Pulp & Paperboard Division
Lewiston, Idaho

Director of Purchases
PPP Industries, Inc.
Coatings & Resins Division
3 1/2 miles S. of U.S. Route 23
Circleville, Ohio

Director of Purchases
The William Powell Company
2503 Spring Grove Avenue
Cincinnati, Ohio 45214

Director of Purchases
PPG
Class Division
Works No. 27
Tipton, Pennsylvania 16684

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Mt, Vernon, New York 10550

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1479 West Second Street
Pomona, California 91766

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Skokie, Illinois 60076

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400 Main Street
East Hartford, Conn. 06108

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Division Eltra Corporation
West Springfield, Massachusetts

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Precision Castings Company
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Cleveland, Ohio 44111

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Press Automation Systems
Division U.S. Industries
3840 East Outer Drive
Detroit, Michigan 48234

Director of Purchases
Precision Castparts Corporation
4600 S.E. Harney Drive
Portland, Oregon 97206

Director of Purchases
Pressure Castings Incorporated
21500 St. Clair Avenue
Cleveland, Ohio 44119

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Precision Sheet Metal
5235 West 104th Street
Los Angeles, California 90045

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Prescolite-Itco Plant
Division of U.S. Industries
P.O. Box 151
El Dorado, Arkansas

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Price Bros.
4701 Whitelake Road
Clarkson, Michigan 48016

Director of Purchases
Puget Die Casting
2101 South Mildred Street
Tacoma, Washington 98466

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Prince Manufacturing Company
P. O. Box 31
Holland, Michigan 49423

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The Quality Casting Company
1225 North Main Street
Orrville, Ohio 44667

Director of Purchases
Process Equipment Company
6555 South State
Route 202
Tipp City, Ohio 45371

Director of Purchases
Racine Chicago Engr.
840 Filne Drive
Addiston, Illinois 60101

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Buying Department
P. O. Box 599
Cincinnati, Ohio 45201

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Simplex Division
Licking Road
Zanesville, Ohio

Director of Purchases
PTE Corporation
1345 North Tenth Street
San Jose, California 95112

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Radiator Specialty Company
P. O. Box 10628
Charlotte, North Carolina 28201

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Director of Purchases
Ralston Purina
Health Products Plant
4142 North Union
St. Louis, Missouri 63115

Director of Purchases
Reading Tube Division
Reading Industries, Inc.
P.O. Box 126
Reading, Pennsylvania 19603

Director of Purchases
Ramm Products Company
4436 Walker
Wayne, Michigan 48184

Director of Purchases
Reading Metals Refining Corporation
Subsidiary of Reading Ind., Inc.
P.O. Box 1111
Reading, Pa. 19603

Director of Purchases
Ranger Die Casting Company
10828 South Alameda
Lynwood, California

Director of Purchases
Red Field Brick & Tile Company
Redfield, Iowa 50233

Director of Purchases
Reactive Metals, Incorporated
P.O. Box 720
Ashtabula, Ohio

Director of Purchases

Regina Corporation

Rahway, New Jersey

Director of Purchases
Reactive Metals Incorporated
1000 Warren Avenue
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Willits, California 95490

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2639 Boston Street
Baltimore, Maryland 21224

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Gum Springs, Arkansas

Director of Purchases
Reynolds Metals Company
10th & Byrd Streets
Richmond, Virginia

Director of Purchases
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P. O. Box 500
Massena, New York

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Republic Steel Corporation
P. O. Box 6778
Cleveland, Ohio 44101

Director of Purchases
Reynolds Metals
47th and 1st Avenue
McCook, Illinois

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Hanna Fluid Power Division
1765 Elston Avenue
Chicago, Illinois 60622

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Rich Manufacturing Company
P. O. Box 910
Corona, California 91720

Director of Purchases
Reynolds Metals
P. O. Box 520
Arkadelphia, Arkansas 71923

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P. O. Box 3307
Columbia, S. C. 29203

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1155 High Street
Central Falls, Rhode Island

Director of Purchases
Rockford Clutch
Division of Borg Warner
1200 Windsor Road
Rockford, Illinois 61101

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Ridge Foundry, Incorporated
1554 Doolittle Drive
San Leandro, California

Director of Purchases
Rockwell Manufacturing
400 North Lexington Avenue
Pittsburgh, Pennsylvania 15208

Director of Purchases
Rivett, Incorporated
51 Fremont Street
Needham Heights, Massachusetts
02194

Director of Purchases
Rockwell Manufacturing
Russellville, Ky. 42276

Director of Purchases
Roane Electric Furnace
Division of Woodward Company
P. O. Box 298
Rockwood, Tennessee 37854

Director of Purchases
Rogers Hydraulics
Granite Falls, Minnesota 45241

Director of Purchases
Robinson Ventilating Company
275 Henderson Street
Zelienople, Pennsylvania 16063

Director of Purchases
Rohm & Haas Company
Independence Mall West
Philadelphia, Pennsylvania 19105

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Director of Purchases
Ronson Metals Company
55 Manufacturers Place
Newark, New Jersey 07105

Director of Purchases
Rust Engineering Company
P. O. Box 549
Canton, Ohio 44701

Director of Purchases
Roper Corporation
550 Wehrle Avenue
Newark, Ohio 43055

Director of Purchases
Rust Furnace Company
930 St. Duquesne Boulevard
Pittsburgh, Pa. 15222

Director of Purchases
Rotating Components Incorporated
1560 Fifth Avenue
Bayshore, Long Island, New York

Director of Purchases
Saginaw Paint Manufacturing Compan
344 West Genesee
Saginaw, Michigan 48605

Rounds & Stewart
Natural Gasoline Company Inc.
Box 700
Wichita, Kansas

Attn: Director of Purchases

Director of Purchases
St. Louis Diecasting Corporation
201 Rock Industrial Park Drive
Bridgeton, Missouri

Director of Purchases
Rucker Control Systems
4700 San Pablo Avenue
Oakland, California 94608

Director of Purchases
City of Salem Health Department
P. O. Box 266
Salem, Massachusetts

Director of Purchases
Salem Brosius, Incorporated
Box 2222
Cleveland, Ohio
15236
Returned
Feb 3/14

Director of Purchases
Sangamo Electric Company
P. O. Box 3347
Eleventh & Converse
Springfield, Illinois 62708

Director of Purchases
San Jose Die Casting Company
1422 Bergder Drive
San Jose, California 95112

Director of Purchases
Santa Fe Marine Incorporated
P. O. Box 16306
Houston, Texas 77022

Director of Purchases
Sanders Associates
95 Canal Street
Nashua, N. H. 03060

Director of Purchases
Sanderson & Porter
c/o Keystone Steel and Wire
7000 S. W. Adams
Peoria, Illinois

Director of Purchases
Sargent Industries
Huntington Park Division
2533 East 56th Street
Huntington Park, California 90255

Director of Purchases
Sandvik Steel Incorporated
1704 Nevins Road
Fair Lawn, New Jersey 07410

Director of Purchases
Sayville Incinerator
Town of Islip
Lincoln Avenue
Long Island, New York

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Director of Purchases
Schroeder Brothers Corporation
Box 72
McKees Rocks, Pennsylvania 15136

Director of Purchases
Scott Equipment Company
272 Lee Street
Dayton, Ohio 45404

Director of Purchases
Seven Up Company
12201 Beach Daly Road
Detroit, Michigan 48239

Director of Purchases
Scuba Hut
3906 North Highway 71
Springdale, Arkansas 72764

Shaffer Tool Works
P. O. Box 4008
Beaumont, Texas 77704

Attn: Director of Purchases

Director of Purchases
Sedco Incorporated
1901 Akard
Dallas, Texas 75201

Director of Purchases
Shalda Lighting Products
Hubbell Lighting
156 West Providence
Burbank, California 91503

Director of Purchases
Selas Corporation of America
Dresher, Pennsylvania 19025

Director of Purchases
Sharon Steel
P. O. Box 537
Sharon, Pennsylvania 16146

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

Director of Purchases
Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

Director of Purchases
Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

Director of Purchases

Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P.O. Box 400
Dover, Ohio 44622

Director of Purchases
Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases
Singer Company
P.O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

Director of Purchases
Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

Director of Purchases
Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

Director of Purchases

Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P. O. Box 400
Dover, Ohio 44622

Director of Purchases
Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases.
Singer Company
P. O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

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Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

Director of Purchases
Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

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50 West 50th Street
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2075 Belgraves Street
Huntington Park, California

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P. O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Skagit Corporation
Sedro Woolley, Washington 98284

Director of Purchases
Smith & Loveless
Lenexa, Kansas 66215

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SKRL Diecasting Inc.
34580 Lakeland Boulevard
Eastlake, Ohio 44094

Director of Purchases
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Hawesville, Kentucky

Director of Purchases
SKS Diecasting Company
2200 4th Street
Berkeley, California 94710

Director of Purchases
Southern California Edison Company
P.O. Box 60753
Los Angeles, California 90060

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Sloan Kettering Institute for Cancer Research
410 East 68th Street
New York, New York 10021

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Southern Natural Gas
c/o W.W. Bennett
Route # 5
Anniston, Alabama

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3533 North 27th Street
Milwaukee, Wisconsin

Director of Purchases
Southern Manufacturing Company
Aurora, Missouri

Director of Purchases
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5847 Armour Drive
Houston, Texas 77020

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Vickers Incorporated Division
Maple & Crooks Roads
Troy, Michigan 48084

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Southwestern Diecasting Company
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
Spinoza Incorporated
P. O. Box 9881
Houston, Texas 77015

Director of Purchases
Spartan Castings
5445 Dodds
Buena Park, California 90620

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Sprout Waldron & Company Inc.
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Speedring Corporation
7117 East 11 Mile Road
Warren, Michigan 48090

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Stamco Division
Monarch Machine Tool Company
New Breman, Ohio 45869

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1290 Avenue of the Americas
New York, New York 10019

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Standard Oil of California
225 Bush
San Francisco, California 94104

Director of Purchases
Standard Oil of Indiana
910 South Michigan Avenue
Chicago, Illinois 60605

Director of Purchases
Stauffer Chemical
299 Park Avenue
New York, New York 10017

Director of Purchases
Standard Oil of New Jersey
30 Rockefeller Plaza
New York, New York 10020

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Stearns Rogers Corporation

P.O. Box 5888

Denver, Colorado 80217

Director of Purchases
Standard Products Company
130 West 110th Street
Cleveland 2, Ohio

Director of Purchases
Steel Improvement and Forge Co.
970 East 64th Street
Cleveland, Ohio 44103

Director of Purchases

Star Fibers Incorporated

Edgefield, South Carolina 29824

Director of Purchases
Stevenson Sales Company, Inc.
P.O. Box 3493
Davenport, Iowa 52808

Director of Purchases
Starlight Tool & Manufacturing Co.
3300 West 7th Street
Joplin, Missouri 53801

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Steward Machine Company
P.O. Drawer 11066
Birmingham, Alabama 35202

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Joe Stine
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Stratoflex Incorporated
P. O. Box 10398
Fort Worth, Texas 76114

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Superior Iron Works & Supply Co.
P. O. Box 7002
Harvey, Louisiana 71107

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Strite Anderson Company
7585 Viron Road NE
Minneapolis, Minnesota 55432

Director of Purchases
Surftran Company Division
Chemotronics Intl.
30250 Stevenson Hwy.
Madison Heights, Michigan 48071

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Stroh Die Casting Company, Inc.
11123 West Burleigh Street
Milwaukee 10, Wisconsin

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Swedish Crucible Steel Company
8801 Conant
Detroit, Michigan 49200

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Sun Oil Company
1608 Walnut Street
Philadelphia 3, Pennsylvania

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Swedlow Incorporated
12605 Beach Boulevard
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MCL001940
HARTOLDMON0002936

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Long Island City, New York

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Garland, Texas 75040

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Swinnerton & Walberg Company
P. O. Box 575
Golden, Colorado

Director of Purchases
Temtek Corporation
P. O. Box 477
Bartlett, Illinois 60103

Syracuse Die Casting Company
Attn: Director of Purchases
2101 Teall Avenue
Syracuse, New York 13206

Director of Purchases
Technical Development Company
2601 Timberland
Dayton, Ohio 45414

Director of Purchases
Sylvester Enterprises
850 Hanna Building
Cleveland, Ohio 44115

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Service Division
8702 Bessemer Avenue
Cleveland, Ohio 44127

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Tanner Manufacturing Company
Wesleyville
P. O. Box 7309
Erie, Pennsylvania 16510

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P. O. Box 781
Monroe, N. C. 28110

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Lindbergh Field
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San Diego, California 92112

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3609 Buffalo Speedway
Houston, Texas

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Tennessee Building
Houston, Texas 77002

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3901 Hemphill Street
Fort Worth, Texas 76110

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Division of Eastman Kodak
Kingsport, Tennessee 37662

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Textron Incorporated
10 Dorrance
Providence Rhode Island 02903

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Tennessee Metallurgical Corporation
308 IBM Building
Chattanooga, Tennessee

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Thierica Studio
900 Clancy
Grand Rapids, Michigan

Director of Purchases
Texas Eastern Transmission
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Houston, Texas 77001

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Utah Division
Brigham City, Utah

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Sheboygan, Wisconsin

Director of Purchases
Tomkins-Johnson Company
2425 West Michigan Avenue
Jackson, Michigan

Director of Purchases
Thompson Hayward Chemical Co.
P.O. Box 2383
Kansas City, Kansas 66110

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Tool Die Engineering Company
3878 East 93rd Street
Cleveland, Ohio 44105

Director of Purchases
TII Dee Products Incorporated
219 Kelly Avenue
Dayton, Ohio

Director of Purchases
Tool Steer Gear & Pinion Company
211 Township Avenue
Cincinnati, Ohio 45216

Director of Purchases
Toledo Engineering Company Inc.
3001 Sylvania Avenue
Toledo, Ohio 43613

Director of Purchases
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Division Standard Alliance Ind.
Alliance, Ohio 44601

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Santa Ana, California

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Tuscon Dairy
750 Union Avenue
Union, New Jersey 07083

Director of Purchases
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Universal Match Division
325 Paul Avenue
Ferguson, Missouri 63135

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Ashland, Ohio

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Danbury, Conn. 06810

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Union Oil Center
Los Angeles, California 90054

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Oakridge, Tennessee

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Union Pacific Railroad
1416 Dodge Street
Omaha, Nebraska

Director of Purchases
Union Carbide
270 Park Avenue
New York, New York

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Div. of Allied Chemical Corp.
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Haughton, Louisiana

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New York, New York 10020

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Vandergrift Plant
Vandergrift, Pennsylvania

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Pratt & Whitney Aircraft
West Palm Beach, Florida

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Pittsburgh, Pa.

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Nowark Airport
Newark, New Jersey

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Mendenhall, Mississippi

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Seminole, Oklahoma 74868

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8500 East Michigan Avenue
Parma, Michigan 49269

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14th & Grace Street
Canton, Ohio 44705

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Boron, California

Director of Purchases
U.S. Foundry
Birmingham, Alabama

Director of Purchases
Tennessee Valley
Power Acctg. Office
233 Edney Building
Chattanooga, Tennessee 37402

Director of Purchases
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Burlington Works
E. Pearl Street
Burlington, New Jersey

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U.S. Navy Payment Office
700 Robbins Avenue
Philadelphia, Pennsylvania 19111

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U.S.A.F. Wright Patterson
Wright Patterson, Ohio

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G.C. Marshall Space Flight
Building 4485
Huntsville, Alabama

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Department of Air Force
Directoriate Proc. & rod.
San Antonio Air Materials Area
Kelly Air Force Base, Texas

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Veterans Administration Hospital
2215 Fuller Road
Ann Arbor, Michigan 48105

Director of Purchases
National Advisory Comm.
for Aeronautics
Langley Field, Virginia

Director of Purchases
Comptroller Code 644
Boston Naval Shipyard
Boston, Massachusetts 02129

MCL001946

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U.S. Metals Refining Company
400 Middlesex Avenue
Carteret, New Jersey

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Vaughn Machine
Front and Broad Street
Cuyahoga Falls, Ohio 44221

Director of Purchases
The Upjohn Company
301 Henrietta Street
Kalamazoo, Michigan

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VAW of America

Ellenville, New York 12428

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Eugene, Oregon

Director of Purchases

Vectra Corporation

Odenton, Maryland

Director of Purchases

Valley Metallurgical Processing

Essex, Connecticut

Director of Purchases
Veeder Root Incorporated
28 Sargent Street
Hartford; Connecticut

Director of Purchases
Velsicol Chemical
347 East Ohio Street
Chicago 11, Illinois

Director of Purchases
Wagner Electric Corporation
6400 Plymouth Avenue
St. Louis, Missouri

Director of Purchases
Versaform Industries
314 West 168th Street
Gardena, California 90247

Director of Purchases
Jim Walter Corporation
3rd Street & Douglas
Tampa, Florida 33611

Director of Purchases
Viking Chemical Company
1827 18th Avenue
Box 1595
Rockford, Illinois

Director of Purchases
Warner & Swasey
Crandell Division
406 Mill Avenue S. W.
New Philadelphia, Ohio 44663

Director of Purchases
Henry Vogt Machine Company
10th and Ormsby Street
Louisville, Kentucky

Director of Purchases
Warwick Industrial Furnace
and Engineering Company
1125 Wheeling Road
Wheeling, Illinois

Wadco Corporation
Attn: Director of Purchases
P. O. Box 1970
Richland, Washington 99352

Director of Purchases
Waste Control System Inc.
3700 Greenway Plaza
Eastern Airlines Building
Suite 302
Houston, Texas 77027

Director of Purchases

Waupaca Foundry, Inc.

Waupaca, Wisconsin 54981

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Weldotron Corporation
1532 South Washington Avenue
Piscataway, New Jersey

Director of Purchases

D. P. Way Corporation

P. O. Box 6336

Milwaukee, Wisconsin 53209

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Cabin Hill
Greensburg, Pennsylvania

Director of Purchases

Weil McLain Company Inc.

Michigan City, Indiana 46360

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Western Arcadia
4115 Ogden Avenue
Chicago 23, Illinois

Director of Purchases
Weinman Pump & Supply Company
110 Delta Drive
Pittsburgh, Pennsylvania 15328

Director of Purchases
Weldotron Corporation
907 Frelinghuysen Avenue
Newark, New Jersey 07114

Director of Purchases
Western Gear Company
2600 East Imperial Highway
Box 190
Lynwood, California 90262

Director of Purchases
Western Overhead Door
P.O. Box 02204
Portland, Oregon 97202

Director of Purchases
Wheeling Pittsburgh Steel Corp.
Wheeling, West Virginia 26003

Director of Purchases
Western Textile Company
P.O. Box 7139
St. Louis, Missouri 63177

Director of Purchases
Westinghouse Electric Corporation
6001 Southwest Shore Boulevard
Tampa, Florida 33616

Director of Purchases
White Rodgers Company
9797 Reavis Road
St. Louis, Missouri

Director of Purchases
Westinghouse Electric Corporation
Small Motor Division
P.O. Box 566
Lima, Ohio 45801

Director of Purchases
Whiting Corporation
157th and Lathrop
Harvey, Illinois 60426

Director of Purchases
West Virginia Pulp and Paper
299 Park Avenue
New York, New York 10017

Director of Purchases
Whittaker Corporation
Peat Mfg. Div.
10711 East Firestone Boulevard
Norwalk, California 90650

Director of Purchases
Wichita Falls Foundry & Machine Co.
P. O. Box 1150
Wichita Falls, Texas 76308

Director of Purchases
Withrow Diecasting Company
13164 Leadwell
North Hollywood, California 91605

Director of Purchases
Wiley Cork Company
14th & Church Streets
Wilmington, Delaware 19899

Director of Purchases
Alan Wood Steel Works
Conshohockten, Pennsylvania

Director of Purchases
Will Brothers Manufacturing Company
3418 McDougall
Detroit, Michigan 48207

Director of Purchases
Wood Preservers Incorporated
Warsaw, Virginia 22572

Director of Purchases
Wilson Diecasting Corporation
501 Main
Grain Valley, Missouri

Director of Purchases
Wynn Oil Company
1151 West 5th Street
Azusa, California

Director of Purchases
K. K. Wilson Div.
Chisholm-Ryder Company, Inc.
Arcade, New York 14009

Director of Purchases
Young & Bertke Company
2118 Winchell Avenue
Cincinnati, Ohio 45214

Director of Purchases
Youngstown Sheet & Tube Company
Stambaough Building
Youngstown, Ohio

Director of Purchases
Zapata Offshore Company
1701 Houston Club Building
Houston, Texas 77002

Director of Purchases
A. J. Zinda Company
3509 N. W. Street
Helens Road
Portland, Oregon 97201

Director of Purchases
Chelsea Indust. Inc. Park
Salem Plastics & Chemical Inc.
49 Congress
Salem, Massachusetts 01970

Director of Purchases
Outboard Marine
Waukegan, Illinois 60085

Director of Purchases
Columbia Gas
120 East 41st Street
New York, New York 10017

Director of Purchases
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

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Komarok-Greaves
10765 Higgins Road
Rosemont, Illinois 60018

Director of Purchases
Pacific Gas Equipment Co.
P.O. Box 26188
Sacramento, California 95828

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Laclede Steel
Equitable Building
St. Louis, Missouri

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Piping Systems
2705 Bernice Road
Lansing, Illinois 60438

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150 East 42nd Street
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111 West 50th Street
New York, New York 10020

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Transcontinental Gas Pipe Line Corp.
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Houston, Texas 77001

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1501 Alcoa Building
Pittsburgh, Pennsylvania

Director of Purchases
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Westminster, California 92683
Returned

Mr. Tom Shibley
Armco Steel Corporation
703 Curtis Street
Middletown, Ohio

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Westinghouse Electric Corp.
3 Gateway Center
Pittsburgh, Pennsylvania 15230

Mr. Tom Voss, Buyer
Inland Steel
3210 Watling Street
East Chicago, Indiana 46312

Mr. Bill Mihalo
Seninr Lube Engineer
Inland Steel
3210 Watling Street
East Chicago, Indiana

Mr. Tom Rex
Purchasing Agent
U.S. Steel
525 William Penn Place
Pittsburgh, Pa. 15230

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HARTOLDMON0002950

Director of Purchases
Alliance Machine Company
1049 South Mahoning
Alliance, Ohio 44601

Director of Purchases
Morgan Engineering Company
Broadway & PPR
Alliance, Ohio 44601

Director of Purchases
Cleveland Crane Engineering
1271 East 289
Cleveland, Ohio 44132

Director of Purchases
Osborn Manufacturing Company
5401 Hamilton Avenue
Cleveland, Ohio 43219

Director of Purchases
Cuyahoga Industries
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Park Ohio Industries
Tacco Division
3800 Harvard
Cleveland, Ohio 43203

Director of Purchases
H. P. M. Castmaster
820 Marion Road
Mt. Gilead, Ohio 43338

Director of Purchases
Taylor Winfield Manufacturing
Mahoning Avenue
Warren, Ohio 44483

Director of Purchases

Logansport Machine Company

Logansport, Indiana 46947

Director of Purchases
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776 Belleville Avenue
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Anchor Packing Company
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Philadelphia, Pennsylvania 19108

Director of Purchases
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Department T
Brea, California

Director of Purchases
Andrew Brown Paint Company
5413 South District Boulevard
Los Angeles, California

Director of Purchases
American Sealants Company
115 North Mountain Road
Hartford 11, Connecticut

Director of Purchases
Bearings, Inc.
3634 Euclid Avenue
Cleveland, Ohio 44115

Director of Purchases
Anaconda Metal Hose Division
Anaconda American Brass Company
Waterbury, Connecticut 06720

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Briggs Filtration Division
Bowser Corporation
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Anchor Coupling Company
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Director of Purchases
Capital Engineering Company
5839 Ashland Avenue
Chicago, Illinois

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Everett,
Massachusetts 02149

Director of Purchases
Carrol Products
148 Marine Street
Farmingdale, New York

Director of Purchases
Chicago Rawhide Manufacturing
Company
1311 Elston
Chicago, Illinois 60622

Director of Purchases
Commercial Filters Corporation
(Honan-Crane)
Lebanon, Indiana

Director of Purchases
Chiksan Division
FMC Corporation
332 N. Brea Boulevard
Brea, California

Director of Purchases
Crane Packing Company
6400 Dakton Street
Morton Grove, Illinois 60053

Director of Purchases
C.E. Conover & Company, Inc.
333 Passaic Avenue
Fairfield, New Jersey 07006

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Sub. of American Machine
& Foundry
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32 R Hanley Industrial Court
St. Louis, Missouri

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Dollinger Corporation
20 Centre Park
Rochester 3, New York

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Eastman Manufacturing Company
Department T. R.
6300 West Howard Street
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The Glidden Company
900 Union Commerce Building
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Director of Purchases
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1201 Duro Street
Wilmington, Delaware

Director of Purchases
Goshen Rubber Company Inc.
P. O. Box 416
Goshen, Indiana 46526

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1645 West Valencia Drive
Fullerton, California

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Greene, Tweed & Company
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Palmyra,
New York 14522

Director of Purchases
Hercules Packing Corporation
11061 Walden Road
Alden, New York 14004

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999 South Broadway
Denver, Colorado 80217

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Hilliard Corporation
98 West Fourth Street
Elmira, New York

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Chicago, Illinois

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Dayton, Ohio

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Interchemical Corporation
Finishes Division
1255 T Broad Street
Clifton, New Jersey

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1785 North Eastern Avenue
Los Angeles, California

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International Packing Corporation
Bristol,
New Hampshire 03104

Director of Purchases
Marvel Engineering Company
7227 North Hamlin Avenue
Chicago 45, Illinois

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22 East 40th Street
New York, New York 10016

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36 Hudson Street
Muskegon, Michigan 49441

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5930 West Jefferson Boulevard
Los Angeles, California

Director of Purchases
Minnesota Rubber Company
3630 Wooddale Avenue
Minneapolis, Minnesota 55416

Director of Purchases
Nycote Laboratories
15002 Delano Street
Van Nuys, California

Director of Purchases
Parker Seal Company
10567 Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Lewis Products
Hohenwald, Tennessee 38462

Director of Purchases
Plastic & Rubber Products Company
2100 Hyde Park Boulevard
Los Angeles, California 90047

Director of Purchases
Pall Corporation
32 Sea Cliff Avenue
Glen Cove, L. I., New York

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Precision Rubber Products Corp.
Hartmann Drive
Lebanon, Tennessee 37087

Director of Purchases
Plastic & Rubber Engineering Inc.
756 East Florence Avenue
Los Angeles, California 90001

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Purolator Products
1000 New Brunswick Avenue
Rahway, New Jersey

Director of Purchases
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One Gateway Center
Pittsburgh 22, Pa.

Director of Purchases
Raybestos-Manhattan, Inc.
Packing Division
Passaic, New Jersey

Director of Purchases
Reliable Rubber Products
Eddyington
Pennsylvania 19020

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Mantua, Ohio

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Rinshed--Mason Company
5935 Milford
Detroit, Michigan

Director of Purchases
Saran Protective Coatings Company
2415 Burdette at Reed
Ferndale, Michigan

Director of Purchases
Resistoflex Corporation
Roseland, New Jersey

Director of Purchases
Schroeder Bros. Corporation
101 Nichol Avenue
McKees Rocks, Pennsylvania

Director of Purchases
Rosaen Filter Corporation
1776 East Nine Mile Road
Hazel Park, Michigan

Director of Purchases
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Service Filtration Corporation
7408 North Milwaukee
Niles, Illinois 60648

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Royalty Paint & Varnish Company
Pasadena, California

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101 Prospect Avenue N.W.
Cleveland, Ohio

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Fort Worth, Texas

Director of Purchases
Titanine, Incorporated
Seagrave Corporation
Elmwood & Morris Avenues
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Director of Purchases
U.S. Paint, Lacquer & Chemical
Company
2101 Singleton
St. Louis, Missouri

Director of Purchases
Weatherhead Corporation
302 East 131st Street
Cleveland, Ohio 44108

Director of Purchases
Vellumoid Company
Rockdale Street and Beaman Avenue
Worchester, Massachusetts 01606

Director of Purchases
Dow Corning Corporation
Midland, Michigan

Director of Purchases
Finch Paint & Chemical Comp any
Torrence, California

Director of Purchases
Friesland Plastics Company
Friesland, Wisconsin

Director of Purchases
Fulflo Specialties Company, Inc.
410 Fancy Avenue
Blanchester, Ohio

Director of Purchases
General Electric Company
Insulating Materials Department
1 Campbell Road
Schenectady 6, New York

Director of Purchases
The James Walker Packing Co., Inc.
P.O. Box 75
Chicago Heights, Illinois 60411

Director of Purchases
Permatex Company
Department T.R.
Flagler Court Building
West Palm Beach, Florida

Director of Purchases
W.S. Shamban Company
11617 West Jefferson Boulevard
Culver City, California 90230

Returned

Director of Purchases
Shell Chemical Company
110 West 51st Street
New York, New York

Director of Purchases
Rockwell Mechanical Packing Co., Inc.
1634 Long Beach Avenue
Los Angeles, California 90021

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Director of Purchases

El Pasd Natural Gas

Sumas, Washington 98295

Director of Purchases
Pennwalt Corporation
2901 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Reynolds Metals
P.O. Box 999
Longview, Washington 98632

Director of Purchases
Western Gear Corporation
2100 Norton
Everett, Washington 98201

Mr. Milton Tegethoff
Findett Service Company
Route # 1
P.O. Box 13 C
St. Charles, Missouri 63301

Mr. Richard L. Leslie
Vickers Division
Sperry Rand Corporation
P.O. Box 302
Troy, Michigan 48084

Director of Purchases
Cleveland Automatic Machine Co.
1401 Spring Grove Avenue
Cincinnati, Ohio 45223

Omit Together

Mr. Paul Schacht
Racine Hydraulics
2000 Albert Street
Racine, Wisconsin 53404

Director of Purchases
Kux Machine Division
The Wickes Corporation
2100 South Wolf Road
Des Plaines, Illinois 60018

Mr. Edmund A. Klein
Denison Division
Abex Corporation
1160 Dublin Road
Columbus, Ohio 43216

Mr. John Harvill
H. L. Harvil Manufacturing Company
Orange Avenue
Perris, California

Mr. George Czarnecki
Delaval Turbine
Turbine Auxiliaries Division
Trenton, New Jersey 08602

Director of Purchases
Lester Engineering Company
2711 Church Avenue
Cleveland, Ohio 44113

Director of Purchases
D&T Machinery Company
217 West 9th Street
Holland, Michigan 49423

Director of Purchases
Prince Manufacturing Company
Windcrest Drive
Holland, Michigan 49423

MCL001965
HARTOLDMON0002961

Director of Purchases
Joy Manufacturing Company
Dept. 8
Oliver Building
Pittsburgh, Pa. 15222

Director of Purchases
Norwalk Company, Incorporated
20 North Water Street
South Norwalk, Conn. 06856

Director of Purchases
Schramm Incorporated
810 East Virginia Avenue
West Chester, Pennsylvania 19380

Director of Purchases
Worthington Corporation
401 Worthington Avenue
Harrison, New Jersey 07029

Director of Purchases
Clark Brothers Company
Division of Dresser Industries
600 Lincoln Avenue
Olean, New York 14760

Director of Purchases
Chicago Pneumatic Tool Company
8 East 44th Street
New York, New York 10017

Director of Purchases
American Messer Corporation
240 Madison Avenue
New York, New York 10016

Director of Purchases
Cooper Bessemer
Box 751
Mount Vernon, Ohio 43050

Director of Purchases
Atlas Copco, Incorporated
102 Commerce Way
Hackensack, New Jersey 07602

Director of Purchases
Delaval Turbine Inc.
852 Nottingham Way
Trenton, New Jersey 08602

Director of Purchases
Bury Compressor Company
1100 West 17th Street
Erie, Pennsylvania 16512

Director of Purchases
Gardner Denver Company
100 Williamson St.
Quincy, Illinois 62301

Director of Purchases
Carrier Corporation
Carrier Building
Syracuse, New York

Director of Purchases
Ingersoll Rand Company
11 Broadway
New York, New York 10004

Director of Purchases
E&C Division
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Swindell Dressler
441 Smithfield Street
Pittsburgh, Pa. 15222

Director of Purchases
Koppers Company, Incorporated
E&C Division
Koppers Building
Pittsburgh, Pa. 15219

Director of Purchases
Weinman Pump & Supply
110 Delta Drive
RIDC Industrial Park
Blaw Knox, Pennsylvania 15238

Director of Purchases
Lectromelt Corporation
32nd Street
P. O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases
Mosta Machine Company
P. O. Box 1466
Pittsburgh, Pennsylvania 15230

Director of Purchases

Pennsylvania Engineering Corporation

New Castle, Pennsylvania 16103

Director of Purchases
Dow Corning Corporation
Midland, Michigan

Director of Purchases
Finch Paint & Chemical Company
Torrence, California

Director of Purchases
Friesland Plastics Company
Friesland, Wisconsin

Director of Purchases
Fulflo Specialties Company, Inc.
410 Fancy Avenue
Blanchester, Ohio

Director of Purchases
General Electric Company
Insulating Materials Department
1 Campbell Road
Schenectady 6, New York

Director of Purchases
The James Walker Packing Co., Inc.
P.O. Box 75
Chicago Heights, Illinois 60411

Director of Purchases
Permatex Company
Department T.R.
Flagler Court Building
West Palm Beach, Florida

Director of Purchases
W.S. Shamban Company
11617 West Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Shell Chemical Company
110 West 51st Street
New York, New York

Director of Purchases
Rockwell Mechanical Packing Co., Inc.
1634 Long Beach Avenue
Los Angeles, California 90021

Director of Purchases
Stratoflex, Incorporated
222 Roberts Cutoff Road
Fort Worth, Texas

Director of Purchases
Titanine, Incorporated
Seagrave Corporation
Elmwood & Morris Avenues
Union, New Jersey

Director of Purchases
U.S. Paint, Lacquer & Chemical
Company
2101 Singleton
St. Louis, Missouri

Director of Purchases
Weatherhead Corporation
302 East 131st Street
Cleveland, Ohio 44108

Director of Purchases
Vellumoid Company
Rockdale Street and Beaman Avenue
Worchester, Massachusetts 01606

Director of Purchases
Reliable Rubber Products
Eddyington
Pennsylvania 19020

Director of Purchases
Samuel Moore Company
Mantua, Ohio

Director of Purchases
Rinshed-Mason Company
5935 Milford
Detroit, Michigan

Director of Purchases
Saran Protective Coatings Company
2415 Burdette at Reed
Ferndale, Michigan

Director of Purchases
Resistoflex Corporation
Roseland, New Jersey

Director of Purchases
Schroeder Bros. Corporation
101 Nichol Avenue
McKees Rocks, Pennsylvania

Director of Purchases
Rosaen Filter Corporation
1776 East Nine Mile Road
Hazel Park, Michigan

Director of Purchases
Serfilco Division
Service Filtration Corporation
7408 North Milwaukee
Niles, Illinois 60648

Director of Purchases
Royalty Paint & Varnish Company
Pasadena, California

Director of Purchases
Sherwin Williams Company
101 Prospect Avenue N.W.
Cleveland, Ohio

MCL001971
HARTOLDMON0002967

Director of Purchases
Nycote Laboratories
15002 Delano Street
Van Nuys, California

Director of Purchases
Parker Seal Company
10567 Jefferson Boulevard
Culver City, California 90230

Director of Purchases
Lewis Products
Hohenwald, Tennessee 38462

Director of Purchases
Plastic & Rubber Products Company
2100 Hyde Park Boulevard
Los Angeles, California 90047

Director of Purchases
Pall Corporation
32 Sea Cliff Avenue
Glen Cove, L.I., New York

Director of Purchases
Precision Rubber Products Corp.
Hartmann Drive
Lebanon, Tennessee 37087

Director of Purchases
Plastic & Rubber Engineering Inc.
756 East Florence Avenue
Los Angeles, California 90001

Director of Purchases
Purolator Products
1000 New Brunswick Avenue
Rahway, New Jersey

Director of Purchases
Pittsburgh Plate Glass Company
One Gateway Center
Pittsburgh 22, Pa.

Director of Purchases
Raybestos-Manhattan, Inc.
Packing Division
Passaic, New Jersey

MCL001972
HARTOLDMON0002968

Director of Purchases
Imperial Eastman Corporation
6300 West Howard Street
Chicago, Illinois

Director of Purchases
Lowe Brothers Company
Third & Madison Streets
Dayton, Ohio

Director of Purchases
Interchemical Corporation
Finishes Division
1255 T Broad Street
Clifton, New Jersey

Director of Purchases
Magna Coatings & Chemical Corp.
1785 North Eastern Avenue
Los Angeles, California

Director of Purchases
International Packing Corporation
Bristol,
New Hampshire 03104

Director of Purchases
Marvel Engineering Company
7227 North Hamlin Avenue
Chicago 45, Illinois

Director of Purchases
Johns-Manville
22 East 40th Street
New York, New York 10016

Director of Purchases
C. W. Marsh Company
36 Hudson Street
Muskegon, Michigan 49441

Director of Purchases
Greer Hydraulics, Inc.
5930 West Jefferson Boulevard
Los Angeles, California

Director of Purchases
Minnesota Rubber Company
3630 Wooddale Avenue
Minneapolis, Minnesota 55416

MCL001973
HARTOLDMON0002969

Director of Purchases
Eastman Manufacturing Company
Department T.R.
6300 West Howard Street
Chicago, Illinois

Director of Purchases
The Glidden Company
900 Union Commerce Building
Cleveland, Ohio

Director of Purchases
Electric Hose & Rubber Company
1201 Duro Street
Wilmington, Delaware

Director of Purchases
Goshen Rubber Company Inc.
P.O. Box 416
Goshen, Indiana 46526

Director of Purchases
W.P. Fuller & Company
1645 West Valencia Drive
Fullerton, California

Director of Purchases
Greene, Tweed & Company
North Wales,
Pennsylvania 19454

Director of Purchases
Garlock Packing Company
Palmyra,
New York 14522

Director of Purchases
Hercules Packing Corporation
11061 Walden Road
Alden, New York 14004

Director of Purchases
Gates Rubber Company
999 South Broadway
Denver, Colorado 80217

Director of Purchases
Hilliard Corporation
98 West Fourth Street
Elmira, New York

MCL001974
HARTOLDMON0002970

Director of Purchases
A. W. Chesterton Company
Everett,
Massachusetts 02149

Director of Purchases
Carrol Products
148 Marine Street
Farmingdale; New York

Director of Purchases
Chicago Rawhide Manufacturing
Company
1311 Elston
Chicago, Illinois 60622

Director of Purchases
Commercial Filters Corporation
(Honan-Crane)
Lebanon, Indiana

Director of Purchases
Chiksan Division
FMC Corporation
332 N. Brea Boulevard
Brea, California

Director of Purchases
Crane Packing Company
6400 Dakton Street
Morton Grove, Illinois 60053

Director of Purchases
C. E. Conover & Company, Inc.
333 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Cuno Engineering Corporation
Sub. of American Machine
& Foundry
4627 S. Vine Street
Meriden, Connecticut

Director of Purchases
Carboline Company
32 R Hanley Industrial Court
St. Louis, Missouri

Director of Purchases
Dollinger Corporation
20 Centre Park
Rochester 3, New York

MCL001975
HARTOLDMON0002971

OEM's Selected Listing

Director of Purchases
Acushnet Process Company
776 Belleville Avenue
New Bedford, Massachusetts 02745

Director of Purchases
Anchor Packing Company
401 North Broad Street
Philadelphia, Pennsylvania 19108

Director of Purchases
Amercoat Corporation
Department T
Brea, California

Director of Purchases
Andrew Brown Paint Company
5413 South District Boulevard
Los Angeles, California

Director of Purchases
American Sealants Company
115 North Mountain Road
Hartford 11, Connecticut

Director of Purchases
Bearings, Inc.
3634 Euclid Avenue
Cleveland, Ohio 44115

Director of Purchases
Anaconda Metal Hose Division
Anaconda American Brass Company
Waterbury, Connecticut 06720

Director of Purchases
Briggs Filtration Division
Bowser Corporation
Cookeville, Tennessee

Director of Purchases
Anchor Coupling Company
3600 North Fourth Street
Libertyville, Illinois

Director of Purchases
Capital Engineering Company
5839 Ashland Avenue
Chicago, Illinois

MCL001976
HARTOLDMON0002972

F. SEGER

Director of Purchases
Alliance Machine Company
1049 South Mahoning
Alliance, Ohio 44601

Director of Purchases
Morgan Engineering Company
Broadway & PPR
Alliance, Ohio 44601

Director of Purchases
Cleveland Crane Engineering
1271 East 289
Cleveland, Ohio 44132

Director of Purchases
Osborn Manufacturing Company
5401 Hamilton Avenue
Cleveland, Ohio 43219

Director of Purchases
Cuyahoga Industries
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Park Ohio Industries
Tacco Division
3800 Harvard
Cleveland, Ohio 43203

Director of Purchases
H. P. M. Castmaster
820 Marion Road
Mt. Gilead, Ohio 43338

Director of Purchases
Taylor Winfield Manufacturing
Mahoning Avenue
Warren, Ohio 44483

Director of Purchases
Logansport Machine Company
Logansport, Indiana 46947

MCL001977
HARTOLDMON0002973

Director of Purchases
Transcontinenial Gas Pipe Line Corp.
3100 Travis Street
Houston, Texas 77001

Mr. J. T. Bunting
Aluminum Company of America
1501 Alcoa Building
Pittsburgh, Pennsylvania

Director of Purchases
United Construction
Westminster, California 92683

Mr. Tom Shibley
Armco Steel Corporation
703 Curtis Street
Middletown, Ohio

Director of Purchases
Westinghouse Electric Corp.
3 Gateway Center
Pittsburgh, Pennsylvania 15230

Mr. Tom Voss, Buyer
Inland Steel
3210 Watling Street
East Chicago, Indiana 46312

Mr. Bill Mihalo
Senior Lube Engineer
Inland Steel
3210 Watling Street
East Chicago, Indiana

Mr. Tom Rex
Purchasing Agent
U. S. Steel
525 William Penn Place
Pittsburgh, Pa. 15230

MCL001978
HARTOLDMON0002974

Director of Purchases
Chelsea Indust. Inc. Park
Salem Plastics & Chemical Inc.
49 Congress
Salem, Massachusetts 01970

Director of Purchases
Outboard Marine
Waukegan, Illinois 60085

Director of Purchases
Columbia Gas
120 East 41st Street
New York, New York 10017

Director of Purchases
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases
Komarek-Greaves
10225 Higgins Road
Rosemont, Illinois 60018

Director of Purchases
Pacific Gas Equipment Co.
P.O. Box 28188
Sacramento, California 95828

Director of Purchases
Laclede Steel
Equitable Building
St. Louis, Missouri

Director of Purchases
Piping Systems
2705 Bernice Road
Lansing, Illinois 60438

Director of Purchases
Mobil Oil Corporation
150 East 42nd Street
New York, New York 10017

Director of Purchases
L. S. Rockefeller
111 West 50th Street
New York, New York 10020

MCL001979
HARTOLDMON0002975

Director of Purchases
Youngstown Sheet & Tube Company
Stambaough Building
Youngstown, Ohio

Director of Purchases
Zapata Offshore Company
1701 Houston Club Building
Houston, Texas 77002

Director of Purchases
A. J. Zinda Company
3509 N. W. Street
Helens Road
Portland, Oregon 97201

Director of Purchases
Wichita Falls Foundry & Machine Co.
P. O. Box 1150
Wichita Falls, Texas 76308

Director of Purchases
Withrow Diecasting Company
13164 Leadwell
North Hollywood, California 91605

Director of Purchases
Wiley Cork Company
14th & Church Streets
Wilmington, Delaware 19899

Director of Purchases
Alan Wood Steel Works
Conshohocken, Pennsylvania

Director of Purchases
Will Brothers Manufacturing Company
3418 McDougall
Detroit, Michigan 48207

Director of Purchases
Wood Preservers Incorporated
Warsaw, Virginia 22572

Director of Purchases
Wilson Diecasting Corporation
501 Main
Grain Valley, Missouri

Director of Purchases
Wynn Oil Company
1151 West 5th Street
Azusa, California

Director of Purchases
K.R. Wilson Div.
Chisholm-Ryder Company, Inc.
Arcade, New York 14009

Director of Purchases
Young & Bertke Company
2118 Winchell Avenue
Cincinnati, Ohio 45214

MCL001981
HARTOLDMON0002977

Director of Purchases
Western Overhead Door
P. O. Box 02204
Portland, Oregon 97202

Director of Purchases
Wheeling Pittsburgh Steel Corp.
Wheeling, West Virginia 26003

Director of Purchases
Western Textile Company
P. O. Box 7139
St. Louis, Missouri 63177

Director of Purchases
Westinghouse Electric Corporation
6001 Southwest Shore Boulevard
Tampa, Florida 33616

Director of Purchases
White Rodgers Company
9797 Reavis Road
St. Louis, Missouri

Director of Purchases
Westinghouse Electric Corporation
Small Motor Division
P. O. Box 566
Lima, Ohio 45801

Director of Purchases
Whiting Corporation
157th and Lathrop
Harvey, Illinois 60426

Director of Purchases
West Virginia Pulp and Paper
299 Park Avenue
New York, New York 10017

Director of Purchases
Whittaker Corporation
Peat Mfg. Div.
10711 East Firestone Boulevard
Norwalk, California 90650

MCL001982
HARTOLDMON0002978

Director of Purchases

Waupaca Foundry, Inc.

Waupaca, Wisconsin 54981

Director of Purchases
Weldotron Corporation
1532 South Washington Avenue
Piscataway, New Jersey

Director of Purchases

D.P. Way Corporation

P.O. Box 6336

Milwaukee, Wisconsin 53209

Director of Purchases
West Penn Power Company
Cabin Hill
Greensburg, Pennsylvania

Director of Purchases

Weil McLain Company Inc.

Michigan City, Indiana 46360

Director of Purchases
Western Arcadia
4115 Ogden Avenue
Chicago 23, Illinois

Director of Purchases
Weinman Pump & Supply Company
110 Delta Drive
Pittsburgh, Pennsylvania 15328

Director of Purchases
Weldotron Corporation
907 Frelinghuysen Avenue
Newark, New Jersey 07114

Director of Purchases
Western Gear Company
2600 East Imperial Highway
Box 190
Lynwood, California 90262

MCL001983
HARTOLDMON0002979

Director of Purchases
Velsicol Chemical
347 East Ohio Street
Chicago 11, Illinois

Director of Purchases
Wagner Electric Corporation
6400 Plymouth Avenue
St. Louis, Missouri

Director of Purchases
Versaform Industries
314 West 168th Street
Gardena, California 90247

Director of Purchases
Jim Walter Corporation
3rd Street & Douglas
Tampa, Florida 33611

Director of Purchases
Viking Chemical Company
1827 18th Avenue
Box 1595
Rockford, Illinois

Director of Purchases
Warner & Swasey
Grandell Division
406 Mill Avenue S.W.
New Philadelphia, Ohio 44663

Director of Purchases
Henry Vogt Machine Company
10th and Ormsby Street
Louisville, Kentucky

Director of Purchases
Warwick Industrial Furnace
and Engineering Company
1125 Wheeling Road
Wheeling, Illinois

Wadco Corporation
Attn: Director of Purchases
P.O. Box 1970
Richland, Washington 99352

Director of Purchases
Waste Control System Inc.
3700 Greenway Plaza
Eastern Airlines Building
Suite 302
Houston, Texas 77027

MCL001984
HARTOLDMON0002980

Director of Purchases
U. S. Metals Refining Company
400 Middlesex Avenue
Carteret, New Jersey

Director of Purchases
Vaughn Machine
Front and Broad Street
Cuyahoga Falls, Ohio 44221

Director of Purchases
The Upjohn Company
301 Henrietta Street
Kalamazoo, Michigan

Director of Purchases

VAW of America

Ellenville, New York 12428

Director of Purchases
Valley Iron & Steel
P. O. Box 230
Eugene, Oregon

Director of Purchases

Vectra Corporation

Odenton, Maryland

Director of Purchases

Valley Metallurgical Processing

Essex, Connecticut

Director of Purchases
Veeder Root Incorporated
28 Sargent Street
Hartford, Connecticut

MCL001985
HARTOLDMON0002981

Director of Purchases
Uniroayl
1230 Avenue of the Americas
New York, New York 10020

Director of Purchases
United Engineering
Vandergrift Plant
Vandergrift, Pennsylvania

Director of Purchases
United Aircraft Corporation
Pratt & Whitney Aircraft
West Palm Beach, Florida

Director of Purchases
United Engineering & Foundry Co.
948 Ft. Duquesne Boulevard
Pittsburgh, Pa.

Director of Purchases
United Airlines Incorporated
Hangar 55
Newark Airport
Newark, New Jersey

Director of Purchases

Universal Manufacturing Company

Mondenhall, Mississippi

Director of Purchases
United Clay Pipe Company
P.O. Box 552
Seminole, Oklahoma 74868

Director of Purchases
Universal Vise and Tool Co., Inc.
8500 East Michigan Avenue
Parma, Michigan 49269

Director of Purchases
United Engineering & Foundry
14th & Grace Street
Canton, Ohio 44705

Director of Purchases

United States Borax & Chemical

Boron, California

MCL001986
HARTOLDMON0002982

Director of Purchases
UMC Industries Incorporated
Universal Match Division
325 Paul Avenue
Ferguson, Missouri 63135

Director of Purchases
Union Malleable Mfg. Company
Ashland, Ohio

Director of Purchases
Unimation Incorporated
Shelter Rock Lane
Danbury, Conn. 06810

Director of Purchases
Union Oil Company of California
Union Oil Center
Los Angeles, California 90054

Director of Purchases
Union Carbide Nuclear Company
Oakridge, Tennessee

Director of Purchases
Union Pacific Railroad
1416 Dodge Street
Omaha, Nebraska

Director of Purchases
Union Carbide
270 Park Avenue
New York, New York

Director of Purchases
Union Texas Petroleum
Div. of Allied Chemical Corp.
P.O. Box 96
Haughton, Louisiana

Director of Purchases
Uniroyal
1230 Avenue of the Americas
New York, New York 10020

MCL001987
HARTOLDMON0002983

Director of Purchases
Thomas Industries, Inc.
1419 Eilinois
Sheboygan, Wisconsin

Director of Purchases
Tomkins-Johnson Company
2425 West Michigan Avenue
Jackson, Michigan

Director of Purchases
Thompson Hayward Chemical Co.
P. O. Box 2383
Kansas City, Kansas 66110

Director of Purchases
Tool Die Engineering Company
3878 East 93rd Street
Cleveland, Ohio 44105

Director of Purchases
TII Dee Products Incorporated
219 Kelly Avenue
Dayton, Ohio

Director of Purchases
Tool Steer Gear & Pinion Company
211 Township Avenue
Cincinnati, Ohio 45216

Director of Purchases
Toledo Engineering Company Inc.
3001 Sylvania Avenue
Toledo, Ohio 43613

Director of Purchases
Transue-Williams Steel & Forging
Division Standard Alliance Ind.
Alliance, Ohio 44601

Director of Purchases
Tolo Incorporated
2401 S. Pullman
Santa Ana, California

Director of Purchases
Tuscon Dairy
750 Union Avenue
Union, New Jersey 07083

MCL001988
HARTOLDMON0002984

Director of Purchases
Teledyne Ryan Aeronautical Company
Lindbergh Field
2710 Harbor Drive
San Diego, California 92112

Director of Purchases
Texas Eastern Instruments Inc.
3609 Buffalo Speedway
Houston, Texas

Director of Purchases
Tenneco Incorporated
Tennessee Building
Houston, Texas 77002

Director of Purchases
Texas Steel Company
3901 Hemphill Street
Fort Worth, Texas 76110

Director of Purchases
Tennessee Eastman
Division of Eastman Kodak
Kingsport, Tennessee 37662

Director of Purchases
Textron Incorporated
10 Dorrance
Providence Rhode Island 02903

Director of Purchases
Tennessee Metallurgical Corporation
308 IBM Building
Chattanooga, Tennessee

Director of Purchases
Thierica Studio
900 Clancy
Grand Rapids, Michigan

Director of Purchases
Texas Eastern Transmission
P. O. Box 2521
Houston, Texas 77001

Director of Purchases
Thiokol Chemical Corporation
Utah Division
Brigham City, Utah

MCL001989
HARTOLDMON0002985

Director of Purchases
Swingline
3200 Skillman Avenue
Long Island City, New York

Director of Purchases
J. W. Taylor Manufacturing Company
P. O. Box 529
Garland, Texas 75040

Director of Purchases
Swinnerton & Walberg Company
P. O. Box 575
Golden, Colorado

Director of Purchases
Temtek Corporation
P. O. Box 477
Bartlett, Illinois 60103

Syracuse Die Casting Company
Attn: Director of Purchases
2101 Teall Avenue
Syracuse, New York 13206

Director of Purchases
Technical Development Company
2601 Timberland
Dayton, Ohio 45414

Director of Purchases
Sylvester Enterprises
850 Hanna Building
Cleveland, Ohio 44115

Director of Purchases
Telco Incorporated
Service Division
8702 Bessemer Avenue
Cleveland, Ohio 44127

Director of Purchases
Tanner Manufacturing Company
Wesleyville
P. O. Box 7309
Erie, Pennsylvania 16510

Director of Purchases
Teledyne Titanium
P. O. Box 781
Monroe, N. C. 28110

MCL001990
HARTOLDMON0002986

Director of Purchases
Joe Stine
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Stratoflex Incorporated
P. O. Box 10398
Fort Worth, Texas 76114

Director of Purchases
Superior Iron Works & Supply Co.
P. O. Box 7002
Harvey, Louisiana 71107

Director of Purchases
Strite Anderson Company
7585 Viron Road NE
Minneapolis, Minnesota 55432

Director of Purchases
Surftran Company Division
Chemotronics Intl.
30250 Stevenson Hwy.
Madison Heights, Michigan 48071

Director of Purchases
Stroh Die Casting Company, Inc.
11123 West Burleigh Street
Milwaukee 10, Wisconsin

Director of Purchases
Swedish Crucible Steel Company
8801 Conant
Detroit, Michigan 49200

Director of Purchases
Sun Oil Company
1608 Walnut Street
Philadelphia 3, Pennsylvania

Director of Purchases
Swedlow Incorporated
12605 Beach Boulevard
Garden Grove, California

MCL001991
HARTOLDMON0002987

Director of Purchases
Standard Oil of Indiana
910 South Michigan Avenue
Chicago, Illinois 60605

Director of Purchases
Stauffer Chemical
299 Park Avenue
New York, New York 10017

Director of Purchases
Standard Oil of New Jersey
30 Rockefeller Plaza
New York, New York 10020

Director of Purchases
Stearns Rogers Corporation
P. O. Box 5888
Denver, Colorado 80217

Director of Purchases
Standard Products Company
130 West 110th Street
Cleveland 2, Ohio

Director of Purchases
Steel Improvement and Forge Co.
970 East 64th Street
Cleveland, Ohio 44103

Director of Purchases
Star Fibers Incorporated
Edgefield, South Carolina 29824

Director of Purchases
Stevenson Sales Company, Inc.
P. O. Box 3493
Davenport, Iowa 52808

Director of Purchases
Starlight Tool & Manufacturing Co.
3300 West 7th Street
Joplin, Missouri 53801

Director of Purchases
Steward Machine Company
P. O. Drawer 11066
Birmingham, Alabama 35202

MCL001992
HARTOLDMON0002988

Director of Purchases
Southwest Ind. Equipment
5847 Armour Drive
Houston, Texas 77020

Director of Purchases
Sperry Rand
Vickers Incorporated Division
Maple & Crooks Roads
Troy, Michigan 48084

Director of Purchases
Southwestern Diecasting Company
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
Spinoza Incorporated
P. O. Box 9881
Houston, Texas 77015

Director of Purchases
Spartan Castings
5445 Dodds
Buena Park, California 90620

Director of Purchases

Sprout Waldron & Company Inc.

Muncy, Pennsylvania

Director of Purchases
Speedring Corporation
7117 East 11 Mile Road
Warren, Michigan 48090

Director of Purchases
Stamco Division
Monarch Machine Tool Company
New Breman, Ohio 45869

Director of Purchases
Sperry Rand
1290 Avenue of the Americas
New York, New York 10019

Director of Purchases
Standard Oil of California
225 Bush
San Francisco, California 94104

MCL001993
HARTOLDMON0002989

Director of Purchases
Skagit Corporation
Sedro Woolley, Washington 98284

Director of Purchases
Smith & Loveless
Lenexa, Kansas 66215

Director of Purchases
SKRL Diecasting Inc.
34580 Lakeland Boulevard
Eastlake, Ohio 44094

Director of Purchases

Southwire Daniles Construction Co.

Hawesville, Kentucky

Director of Purchases
SKS Diecasting Company
2200 4th Street
Berkeley, California 94710

Director of Purchases
Southern California Edison Company
P. O. Box 60753
Los Angeles, California 90060

Director of Purchases
Sloan Kettering Institute for Cancer
Research
410 East 68th Street
New York, New York 10021

Director of Purchases
Southern Natural Gas
c/o W. W. Bennett
Route # 5
Anniston, Alabama

Director of Purchases
A. O. Smith Corporation
3533 North 27th Street
Milwaukee, Wisconsin

Director of Purchases

Southern Manufacturing Company

Aurora, Missouri

MCL001994
HARTOLDMON0002990

Director of Purchases
Robert Shaw Controls Company
155 Hill Street
Milford, Connecticut 06460

Director of Purchases
Signal Oil & Gas
1010 Wilshire Boulevard
Los Angeles, California 90017

Director of Purchases
Sahwnee Plastics Incorporated
601 North Ninth Avenue
Evansville, Indiana 47707

Director of Purchases
Silent Hoist & Chain
941 63rd Street
Brooklyn, New York 11220

Director of Purchases
Shell Oil
50 West 50th Street
New York, New York 10020

Director of Purchases

Simsco Incorporated

Columbiana, Alabama

Director of Purchases
Shenago Company
P.O. Box 400
Dover, Ohio 44622

Director of Purchases
Sheridan Gray
2075 Belgraves Street
Huntington Park, California

Director of Purchases
Singer Company
P.O. Box 4000
Elizabeth, New Jersey 07207

Director of Purchases
Schroeder Brothers Corporation
Box 72
McKees Rocks, Pennsylvania 15136

Director of Purchases
Scott Equipment Company
272 Lee Street
Dayton, Ohio 45404

Director of Purchases
Seven Up Company
12201 Beach Daly Road
Detroit, Michigan 48239

Director of Purchases
Scuba Hut
3906 North Highway 71
Springdale, Arkansas 72764

Shaffer Tool Works
P.O. Box 4008
Beaumont, Texas 77704

Attn: Director of Purchases

Director of Purchases
Sedco Incorporated
1901 Akard
Dallas, Texas 75201

Director of Purchases
Shalda Lighting Products
Hubbell Lighting
156 West Providence
Burbank, California 91503

Director of Purchases
Selas Corporation of America
Dresher, Pennsylvania 19025

Director of Purchases
Sharon Steel
P.O. Box 537
Sharon, Pennsylvania 16146

MCL001996
HARTOLDMON0002992

Director of Purchases
Salem Brosius, Incorporated
Box 2222
Cleveland, Ohio

Director of Purchases
Sangamo Electric Company
P. O. Box 3347
Eleventh & Converse
Springfield, Illinois 62708

Director of Purchases
San Jose Die Casting Company
1422 Bergder Drive
San Jose, California 95112

Director of Purchases
Santa Fe Marine Incorporated
P. O. Box 16306
Houston, Texas 77022

Director of Purchases
Sanders Associates
95 Canal Street
Nashua, N. H. 03060

Director of Purchases
Sanderson & Porter
c/o Keystone Steel and Wire
7000 S. W. Adams
Peoria, Illinois

Director of Purchases
Sargent Industries
Huntington Park Division
2533 East 56th Street
Huntington Park, California 90255

Director of Purchases
Sandvik Steel Incorporated
1704 Nevins Road
Fair Lawn, New Jersey 07410

Director of Purchases
Sayville Incinerator
Town of Islip
Lincoln Avenue
Long Island, New York

MCL001997
HARTOLDMON0002993

Director of Purchases
Ronson Metals Company
55 Manufacturers Place
Newark, New Jersey 07105

Director of Purchases
Rust Engineering Company
P. O. Box 549
Canton, Ohio 44701

Director of Purchases
Roper Corporation
550 Wehrle Avenue
Newark, Ohio 43055

Director of Purchases
Rust Furnace Company
930 St. Duquesne Boulevard
Pittsburgh, Pa. 15222

Director of Purchases
Rotating Components Incorporated
1560 Fifth Avenue
Bayshore, Long Island, New York

Director of Purchases
Saginaw Paint Manufacturing Company
344 West Genesee
Saginaw, Michigan 48605

Rounds & Stewart
Natural Gasoline Company Inc.
Box 700
Wichita, Kansas

Attn: Director of Purchases

Director of Purchases
St. Louis Diecasting Corporation
201 Rock Industrial Park Drive
Bridgeton, Missouri

Director of Purchases
Rucker Control Systems
4700 San Pablo Avenue
Oakland, California 94608

Director of Purchases
City of Salem Health Department
P. O. Box 266
Salem, Massachusetts

MCL001998
HARTOLDMON0002994

Director of Purchases
Ridco Casting Company
1155 High Street
Central Falls, Rhode Island

Director of Purchases
Rockford Clutch
Division of Borg Warner
1200 Windsor Road
Rockford, Illinois 61101

Director of Purchases
Ridge Foundry, Incorporated
1554 Doolittle Drive
San Leandro, California

Director of Purchases
Rockwell Manufacturing
400 North Lexington Avenue
Pittsburgh, Pennsylvania 15208

Director of Purchases
Rivett, Incorporated
51 Fremont Street
Needham Heights, Massachusetts
02194

Director of Purchases
Rockwell Manufacturing
Russellville, Ky. 42276

Director of Purchases
Roane Electric Furnace
Division of Woodward Company
P.O. Box 298
Rockwood, Tennessee 37854

Director of Purchases
Rogers Hydraulics
Granite Falls, Minnesota 45241

Director of Purchases
Robinson Ventilating Company
275 Henderson Street
Zelienople, Pennsylvania 16063

Director of Purchases
Rohm & Haas Company
Independence Mall West
Philadelphia, Pennsylvania 19105

MCL001999
HARTOLDMON0002995

Director of Purchases
Edward Rennburg & Sons, Inc.
2539 Boston Street
Baltimore, Maryland 21224

Director of Purchases
Reynolds Metals
Gum Springs, Arkansas

Director of Purchases
Reynolds Metals Company
10th & Byrd Streets
Richmond, Virginia

Director of Purchases
Reynolds Metals Company
P.O. Box 500
Massena, New York

Director of Purchases
Republic Steel Corporation
P.O. Box 6778
Cleveland, Ohio 44101

Director of Purchases
Reynolds Metals
47th and 1st Avenue
McCook, Illinois

Director of Purchases
Rex Chainbelt Incorporated
Hanna Fluid Power Division
1765 Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Rich Manufacturing Company
P.O. Box 910
Corona, California 91720

Director of Purchases
Reynolds Metals
P.O. Box 520
Arkadelphia, Arkansas 71923

Director of Purchases
Richtex Corporation
P.O. Box 3307
Columbia, S.C. 29205

MCL002000
HARTOLDMON0002996

Director of Purchases
Ralston Purina
Health Products Plant
4142 North Union
St. Louis, Missouri 63115

Director of Purchases
Reading Tube Division
Reading Industries, Inc.
P. O. Box 126
Reading, Pennsylvania 19603

Director of Purchases
Ramm Products Company
4436 Walker
Wayne, Michigan 48184

Director of Purchases
Reading Metals Refining Corporation
Subsidiary of Reading Ind., Inc.
P. O. Box 1111
Reading, Pa. 19603

Director of Purchases
Ranger Die Casting Company
10828 South Alameda
Lynwood, California

Director of Purchases
Red Field Brick & Tile Company
Redfield, Iowa 50233

Director of Purchases
Reactive Metals, Incorporated
P. O. Box 720
Ashtabula, Ohio

Director of Purchases

Regina Corporation

Rahway, New Jersey

Director of Purchases
Reactive Metals Incorporated
1000 Warren Avenue
Niles, Ohio 44446

Director of Purchases
Remco Hydraulics
934 South Main Street
Willits, California 95490

Director of Purchases
Price Bros.
4701 Whitelake Road
Clarkson, Michigan 48016

Director of Purchases
Puget Die Casting
2101 South Mildred Street
Tacoma, Washington 98466

Director of Purchases
Prince Manufacturing Company
P. O. Box 31
Holland, Michigan 49423

Director of Purchases
The Quality Casting Company
1225 North Main Street
Orrville, Ohio 44667

Director of Purchases
Process Equipment Company
6555 South State
Route 202
Tipp City, Ohio 45371

Director of Purchases
Racine Chicago Engr.
840 Filne Drive
Addiston, Illinois 60101

Director of Purchases
The Procter & Gamble Company
Buying Department
P. O. Box 599
Cincinnati, Ohio 45201

Director of Purchases
Racine Hydraulic & Machinery Co.
Simplex Division
Licking Road
Zanesville, Ohio

Director of Purchases
PTE Corporation
1345 North Tenth Street
San Jose, California 95112

Director of Purchases
Radiator Specialty Company
P. O. Box 10628
Charlotte, North Carolina 28201

MCL002002
HARTOLDMON0002998

Director of Purchases
Pratt & Whitney Aircraft
400 Main Street
East Hartford, Conn. 06108

Director of Purchases
Prestolite
Division Eltra Corporation
West Springfield, Massachusetts

Director of Purchases
Precision Castings Company
12600 Berea Road
Cleveland, Ohio 44111

Director of Purchases
Press Automation Systems
Division U.S. Industries
3840 East Outer Drive
Detroit, Michigan 48234

Director of Purchases
Precision Castparts Corporation
4600 S.E. Harney Drive
Portland, Oregon 97206

Director of Purchases
Pressure Castings Incorporated
21500 St. Clair Avenue
Cleveland, Ohio 44119

Director of Purchases
Precision Sheet Metal
5235 West 104th Street
Los Angeles, California 90045

Director of Purchases
Prescolite-Itco Plant
Division of U.S. Industries
P.O. Box 151
El Dorado, Arkansas

MCL002003
HARTOLDMON0002999

Director of Purchases
Pittsburgh De Moires Steel Co.
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Ponka Drilling & Products Company
Box 753
Rangely, Colorado 81648

Director of Purchases
Pittsburgh Plate Glass
Glass Division
Works No. 26,
Crestline, Ohio 44874

Director of Purchases
Potlatch Forests Incorporated
Pulp & Paperboard Division
Lewiston, Idaho

Director of Purchases
PPP Industries, Inc.
Coatings & Resins Division
3 1/2 miles S. of U.S. Route 23
Circleville, Ohio

Director of Purchases
The William Powell Company
2503 Spring Grove Avenue
Cincinnati, Ohio 45214

Director of Purchases
PPG
Class Division
Works No. 27
Tipton, Ponnsylvania 16684

Director of Purchases
Power Draulics Nielsen
550 South Columbus Avenue
Mt. Vernon, New York 10550

Director of Purchases
Pomona Die cast
1479 West Second Street
Pomona, California 91766

Director of Purchases
Powers Regulator Company
3400 Oakton Street
Skokie, Illinois 60076

Director of Purchases
Petrotomics Company
P. O. Box 2450
Casper, Wyoming 92601

Director of Purchases
Phelps Dodge Corporation
300 Park Avenue
New York, New York

Director of Purchases
Pevely Dairy Company
Purchasing Department
Grand & Chouteau Avenue
St. Louis, Missouri 63103

Director of Purchases
Phelps Dodge Copper Products
P. O. Box 20200
El Paso, Texas 79998

Director of Purchases
Charles Pfizer & Company, Inc.
Vigo Plant
Terre Haute, Indiana 47000

Director of Purchases
Phoenix Die Casting
23 Illinois Street
Buffalo, New York 14230

Director of Purchases
George Pfleger
Lantana Boat Yard
808 North Dixie Highway
Lantana, Florida

Director of Purchases

Phoenix Steel

Claymont, Delaware 19703

Director of Purchases
G. P. Pfleger
1501 Westcliff Drive
Suite 301
New Port Beach, California 92560

Director of Purchases
The Pillsbury Company
311 Second Street Southeast
Minneapolis, Minnesota 55414

Director of Purchases
Parker Hannifin Corporation
18321 Jamboree Boulevard
Irvine, California 92664

Director of Purchases
Pennwalt Corporation
Stokes Division
5500 Tabor Road
Philadelphia, Pennsylvania 19120

Peasley Products Incorporated
Attn: Director of Purchases
993 Honeyspot Road
Stratford, Conn. 06497

Director of Purchases
Perfection Heat Treating Company
1756 West Hubbard Street
Chicago, Illinois 60622

Director of Purchases
Peco Manufacturing Company Inc.
P. O. Box 02156
Portland, Oregon 97202

Director of Purchases
Penn Controls Incorporated
Goshen, Indiana

Director of Purchases
Permanent Casting Incorporated
P. O. Box 191
285 Shady Grove Road
Hot Springs, Arkansas 71901

Director of Purchases
Pennsylvania Refining Company
Ohio Division
2685 Lisbon Road
Cleveland, Ohio 44104

Director of Purchases
Petroleum Distributing Co., Inc.
P. O. Box 203
Houston, Texas 77001

MCL002006
HARTOLDMON0003002

Director of Purchases
Overmyer Corporation
Winchester, Indiana 47394

Director of Purchases
Town of Oyster Bay
Sanitary Services Incinerator
Plant 2
Winding Road
Old Bethpage, New York

Director of Purchases
Overton Foundry
9850 Adella Street
South Gate, California

Director of Purchases
Pacific Lighting Service Company
P. O. Box 54790
Terminal Annex
Los Angeles, California 90054

Director of Purchases
Owens Aluminum Corporation
P. O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Pan Am World Airways
P. O. Box 1412
Grand Central Station
New York, New York 10017

Director of Purchases
Owens Corning Fiberglass Corporation
Anderson, South Carolina

Director of Purchases
Panhandle Eastern Pipe Line Compa
P. O. Box 1348
Kansas City, Kansas 64141

Director of Purchases
Owens Illinois Incorporated
1700 North Westwood Avenue
Toledo, Ohio 43607

Director of Purchases
Park Ohio Industries Incorporated
Ohio Crankshaft Division
3800 Harvard Avenue
Cleveland, Ohio 44105

MCL002007
HARTOLDMON0003003

Director of Purchases
Ohio Energy Systems
1055 West 3rd Street
Columbus, Ohio 43212

Director of Purchases
Oregon Steel Mills
5200 N. W. Front Avenue
Portland, Oregon 97210

Director of Purchases
Oil States Rubber Company
P. O. Box 670
Arlington, Texas 76010

Director of Purchases
Orlando Utilities Commission
P. O. Box 3193
Orlando, Florida 32801

Director of Purchases
Olin Corporation
P. O. Box 164
Hannibal, Ohio 43931

Director of Purchases
Ormet Corporation
P. O. Box 176
Omal, Ohio 43931

Director of Purchases
Omark Industries
Williams Air Control Division
14100 S. W. 72nd
Portland, Oregon 97223

Director of Purchasing
Oswego Casting Corporation
Mitchell Street
Oswego, New York 13126

Director of Purchases
Orange County Diecasting
1367 North Santiago Avenue
Santa Ana, California 92705

Director of Purchasing
Outboard Marine Corporation
Gale Products Company Division
Monmouth Boulevard
Galesburg, Illinois 61401

Director of Purchases

Northern Packaging Corporation

Rochester, New York

Director of Purchases
Novamont Corporation
Neal Works
P. O. Box 189
Kenova, West Virginia 25530

Director of Purchases
Northland Resources
P. O. Box 668
Rangely, Colorado

Director of Purchases
Oak Manufacturing Company
650 South Avenue 21
Los Angeles, California 90031

Northern Malleable Iron Company
867 Forest Street
St. Paul, Minnesota 55106

Attn: Director of Purchases

Director of Purchases
Obear Nester Glass Company
Lincoln Plant
Lincoln, Illinois, 62656

Director of Purchases
Northrop Corporation
Aircraft Division
3901 West Broadway
Hawthorne, California 90250

Director of Purchases
Ocean Drilling & Exploration Company
P. O. Box 61780
1600 Canal Street
New Orleans, Louisiana 70160

Director of Purchases
Northwestern Steel & Wire
121 Wallace Street
Sterling, Illinois 61081

Director of Purchases
Ohio Brass Company
300 North Diamond Street
Mansfield, Ohio 44902

Director of Purchases
Neuschotz Engineering
6500 South Avalon Boulevard
Los Angeles, California 90003

Director of Purchases
Nordberg Manufacturing Company
P. O. Box 383
Milwaukee, Wisconsin 53201

Director of Purchases
City of New Madrid
c/o Noranda Aluminum, Inc.
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
Norris Industries
5215 South Boyle Avenue
Los Angeles, California 90058

Director of Purchases
Newman Machine Company Inc.
P. O. Box 5467
Greensboro, N. C. 27403

Director of Purchases
North American Foundry Company
4721 Zero Street
Fort Smith, Arkansas 72901

Director of Purchases
N. L. Industries, Incorporated
Titanium Division
Carondelet Station
St. Louis, Missouri

Director of Purchases
North American Manufacturing Co.
4455 East 71st Street
Cleveland, Ohio 44105

Director of Purchases
Noranda Mines
Conductor Division
P. O. Box 70
New Madrid, Missouri 63869

Director of Purchases
North American Rockwell Corp.
1700 East Imperial Highway
El Segundo, California

MCL002010
HARTOLDMON0003006

Director of Purchases
National Aluminum
c/o Brown & Roote
Hawesville, Kentucky

Director of Purchases
National Metallurgical
1801 South A Street
P. O. Box 56
Springfield, Oregon 97477

Director of Purchases
National Cooperative
Refinery Association
McPherson, Kansas

Director of Purchases
National Starch & Chemical Corp.
1735 West Frong Street
Plainsfield, N. J. 07063

Director of Purchases
National Gypsum Company
North Avenue
Garwood, New Jersey

Director of Purchases
Natural Gas Pipe Line Co. of Am.
122 South Michigan Avenue
Chicago 3, Illinois

Director of Purchases
National Machinery
Greenfield & Staunton Streets
Tiffin, Ohio 44883

Director of Purchases
Natural Gas Pipe Line Co. of Am.
Box 72
Highway 34
Jackson, Missouri 63755

Director of Purchases
National Metal Abrasive Company
3560 Norton Road
Cleveland, Ohio 44111

Director of Purchases
Nefco Filter Corporation
Box 280
Stoughton, Wisconsin 53589

MCL002011
HARTOLDMON0003007

Director of Purchases
Montgomery Elevator Company
4135 Brownsville Road
Pittsburgh, Pennsylvania

Director of Purchases
A. B. Mueller & Company
2101 East John Street
St. Louis, Missouri

Director of Purchases
Montana Power
Purchasing Department
P. O. Box 1338
Butte, Montana 59701

Director of Purchases
Murdock Incorporated
15800 South Avalon Boulevard
Compton, California 90220

Director of Purchases

Jack Morris

Neddesha, Kansas 66757

Director of Purchases
T. O. Murphy
247 West Lorain
Oberlin, Ohio 44074

Director of Purchases

Mueller Company
630 Lambert
Brea, California 92621

Director of Purchases
L. W. Nash Company
P. O. Box 151
E. Palestine, Ohio 44413

Director of Purchases

Mueller Brass Company

Port Huron, Michigan

Director of Purchases
Nassau Smelting & Refining Company
1 Nassau Place
Staten Island, New York 10307

MCL002012
HARTOLDMON0003008

Director of Purchases
Mobil Chemical Company
Chemical Coatings Division
P. O. Box 1388
Plainfield, New Jersey 07062

Director of Purchases
Modern Die Casting Corporation
5419 North Kedzie Avenue
Chicago, Illinois 60640

Director of Purchases
Mobil Oil Corporation
P. O. Box 2122
Los Angeles, California 90054

Director of Purchases
Modern Equipment Company
336 South Spring Street
Port Washington, Wisconsin 53074

Director of Purchases
4 Penn Center Plaza
16th & J.F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103

Director of Purchases
Moen Machine Works
9425 Norwalk Boulevard
Santa Fe Springs, California 90670

Director of Purchases
Moffitt Incorporated
P. O. Box 136
Penna Route 136
Eighty Four, Pennsylvania 153330

Mobil Oil Corporation
Attn: Director of Purchases
P. O. Box 3311
Beaumont, Texas

Director of Purchases
Moline Malleable Iron Company
St. Charles, Illinois 60174

MCL002013
HARTOLDMON0003009

Director of Purchases
Midland Ross Corporation
Electrical Products
Highway 11 Bypass
Congress Parkway
Athens, Tennessee

Director of Purchases
Minnesota Mining & Manufacturing C
P. O. Box 33121
St. Paul, Minnesota 55133

Director of Purchases
Midwest Fluid Power Company
4325 Harris Street
Toledo, Ohio 43613

Director of Purchases
Minnkota Paper Coop, Incorporated
P. O. Box 127
Center, N. C. 58530

Director of Purchases
Midwest Foundry Company
Division L. A. Darling Company
Coldwater, Michigan

Director of Purchases
Mirro Aluminum Company
Plant 2
Manitowoc, Wisconsin

Director of Purchases
Miller Tool & Die Company
835 Belden Road
Jackson, Michigan 49203

Director of Purchases
Mission Corporation
c/o Skelly Oil Company
P. O. Box 1650
Tulsa, Oklahoma 74119

Director of Purchases
Milwaukee Die Casting Company
4132 North Holton Street
Milwaukee, Wisconsin 53211

Director of Purchases
Missouri Rogers Corporation
Missouri Casting Division
P. O. Box 1385
905 East Third Street
Joplin, Missouri 63801

MCL002014
HARTOLDMON0003010

Director of Purchases
Mercer Alloys
P. O. Box 511
Greenville, Pennsylvania 16125

Director of Purchases
Michigan Wisconsin Pipe Company
One Woodward Avenue
Detroit, Michigan 48226

Director of Purchases
Metalart Buckle Company
166 Valley Street
Providence, Rhode Island 02909

Director of Purchases
Methodist Hospital
6516 Bertner Drive
Houston, Texas 77025

Director of Purchases

Micro Switch

Freeport, Illinois 61033

Director of Purchases
Metropolitan Edison Company
P. O. Box 542
Reading, Pennsylvania 19603

Director of Purchases
Mid American Canning Corporation
US 41A at Tucker
Schoolhouse Road
Madisonville, Kentucky 42431

Director of Purchases
Michigan Standard Alloys Incorporated
P. O. Box 691
Benton Harbor, Michigan 49022

Director of Purchases
Midland Division
Dexter Corporation
1785 North Eastern Avenue
Los Angeles, California 90032

MCL002015
HARTOLDMON0003011

Director of Purchases
McDonnell-Douglas Astronautics Co.
Accounts Payable
5301 Balsa Avenue
Santa Monica, California 92647

Director of Purchases
Arthur G. McKee & Company
10 South Riverside Drive
Chicago, Illinois 60606

Director of Purchases
Mc Donnell-Douglas
Brown Road
St. Louis, Missouri

Director of Purchases
McLouth Steel Corporation
300 South Livernois Avenue
Detroit, Michigan

Director of Purchases
McGraw Edison Company
333 West River
Elgin, Illinois 60120

Director of Purchases
F.W. Means Company
1225 West High Street
Lexington, Kentucky 40508

Director of Purchases
Bersted Manufacturing Division
McGraw Edison Company
Tupelo, Mississippi 38801

Director of Purchases
Melamine Plastics Corporation
Div. Universal Manufacturing Co.
516 West Fourth Street
Winona, Minnesota

Director of Purchases
Power Systems Division
12th & Madison Avenues
South Milwaukee, Wisconsin 53172

Director of Purchases

Mercer Alloys Company

Transfer, Pennsylvania

MCL002016
HARTOLDMON0003012

Director of Purchases

Manco Mfg. Company

Bradley, Illinois

Director of Purchases
Marvel Engineering
7227 North Hamlin
Chicago, Illinois 60645

Director of Purchases
Marathon Oil Company
539 South Main
Findlay, Ohio 45840

Director of Purchases
Masten Corporation
3555 West Adison
Chicago, Illinois 60618

Director of Purchases

Marion Bronze Company

Marion, Ohio

Director of Purchases
Materials Transportation Company
1685 North Elston Avenue
Chicago, Illinois 60622

Director of Purchases
Marine Purchasing Corporation
60 Broad Street
New York, New York 10004

Director of Purchases
Matthiessen & Hegeler
Zinc Company
LaSalle, Illinois 61301

Director of Purchases
G.C. Marshall Space Flight Center
Building 4485
Huntsville, Alabama 35812

Director of Purchases
McCullough Corporation
6101 West Century Boulevard
Los Angeles, California 90045

Director of Purchases

Logansport Machine Company Inc.

Logansport, Indiana 46947

Director of Purchases

Lyons Diecasting

Buckner, Missouri

Director of Purchases
Logi Trol Incorporated
135 Weldon Parkway
Maryland Heights, Mo. 63043

Director of Purchases
Madison Kipp Corporation
201 Waubesa Street
Madison, Wisconsin 53704

Director of Purchases
Los Angeles Die Casting Company
340 Crocker
Los Angeles, California

Director of Purchases
Magna Copper Company
San Manuel Division
Refinery Warehouse
San Manuel, Arizona 85631

Director of Purchases
Louden Division
American Chain & Cable Company
Fairfield, Iowa

Director of Purchases
Magnesium Casting Company
98 Business Street
Hyde Park, Boston, Massachusetts

Director of Purchases
Lynchburg Foundry Company
58 Courtland Building
P. O. Drawer 411
Lynchburg, Virginia 28501

Director of Purchases
Magnus Metal Company
1029 West 7th Street
Cincinnati, Ohio 45203

MCL002018
HARTOLDMON0003014

Director of Purchases
Lester Industries, Incorporated
P. O. Box 46309
Bedford, Ohio 44146

Director of Purchases
E. C. Ernst Incorporated
c/o L. Jones & Laughlin
Blast Furnace Crow Island
West Aliquippa, Pa. 15001

Director of Purchases
Leydold-Heraeus
Seco Road
Monroeville, Pennsylvania 15416

Director of Purchases
Litton Industries Incorporated
Ingalls East Division
P. O. Box 149
Pascagoula, Mississippi

Director of Purchases
Libby Owens Ford Company
811 Madison Avenue
Toledo, Ohio

Director of Purchases
L&L Whitemetal Casting Corporation
480 Gotham Parkway
Carlstadt, New Jersey 07072

Director of Purchases
Lindberg Corporation
Furnace Division
1211 East Fewer Road
Schauburg, Illinois 60172

Director of Purchases
Jones & Laughlin Steel Corporation
SE Corner 3rd Avenue & Ross
Pittsburgh, Pa.

Director of Purchases
Ling Temco Vought Corporation
c/o J&L Steel Corporation
Hennepin Works Division
Hennepin, Illinois 61327

Director of Purchases
Lockheed California
3220 Thornton Avenue
Burbank, California 91503

MCL002019
HARTOLDMON0003015

Director of Purchases
Kux Machine Corporation
2100 South Wolf Road
Des Plaines, Illinois

Director of Purchases
City of Lakeland
Division of Larsen Power Plant
Lackland, Florida

Director of Purchases
Kyle Machine Works
6928 Commerce Street
El Paso, Texas

Director of Purchases
Lansco Diecasting
9630 East Fern
South El Monte, California 91733

Director of Purchases
Laclede Gas Company
Purchasing Department
Drawer 9, Central Station
St. Louis, Missouri 63188

Director of Purchases

Latrobe Steel Company

Latrobe, Pennsylvania

Director of Purchases
Laclede Steel Company
Arcade Building
St. Louis, Missouri

Director of Purchases
Lectromelt Corporation
P.O. Box 4023
Pittsburgh, Pennsylvania 15201

Director of Purchases

Laclede Steel

Alton, Illinois

Director of Purchases
Lester Engineering Company
2711 Church Street
Cleveland, Ohio 44113

MCL002020
HARTOLDMON0003016

Director of Purchases
Kennecott Copper Corporation
161 East 42nd Street
New York, New York 10017

Director of Purchases
Kiekaefer Mercury Division
Brunswick Corporation
1939 Pioneer Road
Fond du Lac, Wisconsin

Director of Purchases
Kerr McGee Corporation
c/o American Potash & Chemical Corp.
Kerr McGee Building
Oklahoma City, Oklahoma 73102

Director of Purchases
Kipstron Incorporated
1143 Furton S. E.
Grand Rapids, Michigan 49507

Director of Purchases
Keystone Brass Works Incorporated
944 West 12th Street
Erie, Pennsylvania 16512

Director of Purchases

Kitchen Quip Incorporated

Waterloo, Indiana

Director of Purchases
Keysonte Steel & Wire Company
6900 S. Adams Street
Peoria 7, Illinois

Director of Purchases
Koppers Company
Koppers Building
Room 1322
Pittsburgh, Pa. 15219

MCL002021
HARTOLDMON0003017

Director of Purchases
Kaiser Aluminum & Chemical Corp.
3400 Taylor Way
Tacoma, Washington 98421

Director of Purchases
Kawneer Company
P. O. Box 516
Jonesboro, Georgia 20236

Director of Purchases
Kamin Die Casting
3315 North Knox
Chicago, Illinois 60641

Director of Purchases
M. W. Kellogg Company
711 Third Avenue
New York, New York

Director of Purchases
Kason Hardware Corporation
Colesville Road
Binghamton, New York 13902

Director of Purchases
Kelsey Hayes Company
38481 Huron River Drive
P. O. Box 98
Detroit, Michigan 48174

Director of Purchases
Kasper Foundry Company
P. O. Box 549
Elyria, Ohio 44035

Director of Purchases
Kenco Die Casting and Engineering C
14418 S. San Pedro Street
Gardena, California 90247

Director of Purchases
Kawecki Chemical Company
Wenatchee Works
P. O. Box 1704
Wenatchee, Washington 98801

Director of Purchases
Kennametal Incorporated
Labrobe, Pennsylvania 15650

MCL002022
HARTOLDMON0003018

Director of Purchases
Joslyn Stainless Steel
1701 McKinely Avenue
Ft. Wayne, Indiana

Director of Purchases
JMP Air Company
Lake Tenikeler
Star Route
Vian, Oklahoma 74926

Director of Purchases
The Joyce-Cridland Company
1st & Hott Streets
Dayton, Ohio 45403

Director of Purchases
Ben Johnson Associates, Inc.
460 South 1st Street
Bangor, Pennsylvania 18013

Director of Purchases
Julian Aluminum Foundry Company
13651 Helen
Detroit, Michigan 49212

Director of Purchases
Jones Boat Yard
3399 N. W. So. River Drive
Miami, Florida

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 89
Oakland, California 94604

Director of Purchases
E. M. Jorgensen Steel Company
8531 East Marginal Way South
Seattle, Washington

Director of Purchases
Kaiser Aluminum & Chemical Corp.
P. O. Box 6217
Spokane 28, Washington

MCL002023
HARTOLDMON0003019

Director of Purchases
International Paper Company
Southern Kraft Division
P. O. Box 2448
Mobile, Alabama 36601

Director of Purchases
ITT Controls and Instruments
801 Allen Avenue
Glendale, California

Director of Purchases
International Tool and Supply Company
P. O. Box 3292
Houston, Texas 77001

Director of Purchases
ITT Federal Support Services, Inc.
Federal Building
Box 100
Richland, Washington 99352

Director of Purchases
Ireco Industries Incorporated
1300 Bethel Drive
P. O. Box 2709
Eugene, Oregon 97402

Director of Purchases
ITT Rayonier Incorporated
P. O. Box 299
Hoquiam, Washington 98550

Director of Purchases
Town of Islip
County of Suffolk
Town Hall, Main Street
Islip, New York 11751

Director of Purchases
Jackes-Evans Manufacturing Co.
11737 Administration Drive
West Port Industrial Park
St. Louis, Missouri 53141

Director of Purchases
ITT Cannon Electric Company
666 East Dryer Road
Santa Ana, California

Director of Purchases
Jade Corporation
3063 Philmont Avenue
Bethayres, Pennslyvania 19006

MCL002024
HARTOLDMON0003020

Director of Purchases
Ingersoll-Rand Company
Industrial Park
Campbellville, Ky. 42718

Director of Purchases
Interlakes Engineering
39200 Groesbeck Highway
Mt. Clemens, Michigan 48043

Director of Purchases
Intermarine Services, Incorporated
7016 North Loop East
Houston, Texas 77028

Director of Purchases

Ingram Richardson, Inc.

Frankfort, Indiana 46041

Director of Purchases
IMB Corporation
Monterey & Cottle Roads
San Jose, California 95114

Director of Purchases
International Cast Products, Inc.
1505 West 139th Street
Gardena, California

Director of Purchases
Interlake Steel Corporation
135th & Perry Avenue
Chicago, Illinois 60627

Director of Purchases
International Harvester Company
Melrose Park Works
10400 West North Avenue
Melrose Park, Illinois

MCL002025
HARTOLDMON0003021

Director of Purchases
Hydranamics Systems Corporation
19613 81st Street South
Kent, Washington

Director of Purchases
Illinois Brick Company
Block Plant 2
1234 Rd. and California
Blue Island, Illinois

Director of Purchases
Hydraulic & Air Equipment Company
1925 N. W. Quimby Street
Portland, Oregon 97209

Director of Purchases
Illinois Lock Company
301 West Hintz Road
Wheeling, Illinois 60090

Director of Purchases
Hydraulic Service Company
522 Township Line Road
Cheltenham, Pennsylvania 19012

Director of Purchases
Impact Die Casting Corporation
1212 East Sixth Street
Sandwich, Illinois

Director of Purchases
Hydro Conduit Corporation
P. O. Box 939
Corona, California 91720

Director of Purchases
Inductotherm Corporation
10 Indel Avenue
Rancocas, New Jersey 08073

Director of Purchases
Ideal Fishing Float Company, Inc.
2001 East Franklin Street
Richmond 3, Virginia

Director of Purchases
Industrial Castings Incorporated
9400 Meech Avenue
Cleveland, Ohio 44105

MCL002026
HARTOLDMON0003022

Director of Purchases
E. F. Houghton & Company
300 West Lehigh Avenue
Philadelphia 33, Pennsylvania

Director of Purchases
Hugle Industries
625 North Pastoria Avenue
Sunnyvale, California 94086

Director of Purchases
Houston Systems Mfg.
P. O. Box 14551
Houston, Texas 77021

Director of Purchases
Humble Oil & Refining Company
Benicia Refinery
Benicia, California

Director of Purchases
Howmet Corporation
Aluminum Division
P. O. Box 1167 TR
Lancaster, Pennsylvania 17604

Director of Purchases
Hunt Wesson Foods Incorporated
Glass Container Corporation
P. O. Box 3758
Term Annex
Los Angeles, 54, California

Director of Purchases
Huckins Tod & Die Company
1010 Prairie Avenue
Southbend, Indiana 46621

Director of Purchases
Hunt Wesson Foods Incorporated
4421 West 31st Street
Chicago, Illinois

Director of Purchases
Huffaker Plumbing and Heating Co.
725 Front Street
Troy, Ohio 45373

Director of Purchases
Hyatt Die Casting & Engineering Co.
4656 Lincoln Avenue
Cypress, California 90630

MCL002027
HARTOLDMON0003023

Director of Purchases
High Voltage Power Corporation
Walk Up Drive
Westboro, Ma. 01581

Director of Purchases
Honeywell Incorporated
17300 South Western Boulevard
Gardena, California 90427

Director of Purchases
Hilliard Corporation
100 West 4th Street
Elmira, New York 14902

Director of Purchases
Honeywell Incorporated
Ordnance Division
600 2nd Street North
Hopkins, Minnesota

Director of Purchases
Hitchcock Industries, Incorporated
8701 Bloomington Avenue South
Minneapolis, Minnesota

Director of Purchases
Hooker Chemical Corporation
P. O. Box 344
Niagara Falls, New York

Director of Purchases
Holly Hydraulics Incorporated
Monmount Road
Rd. 1
Mt. Holly, New Jersey 08060

Director of Purchases
Hopping Foundry
367 Arroyo Parkway
Pasadena, California

Director of Purchases
Holt Industries, Inc.
5221 Lincolm Boulevard
Venice, California

Director of Purchases
Hot Springs Brass and Foundry Co.
418 Cleveland Street
Hot Springs, Arkansas 71901

MCL002028
HARTOLDMON0003024

Director of Purchases
W.R. Grace & Company
Nitrogen Products
P.O. Box 277
Memphis, Tennessee 38101

Director of Purchases
Heat & Control
225 Shaw Road
San Francisco, California 94080

Director of Purchases
Havenly Products Company
Box 222
St. Clair Shores, Michigan

Director of Purchases
Heisler Machine & Tool Company
224 Passaic Avenue
Fairfield, New Jersey 07006

Director of Purchases
Hawthorne Melody Farms Dairy
4201 West Chicago Avenue
Chicago, Illinois 60651

Director of Purchases
Helmerich & Payne Intl.
Utica & 21st Street
Tulsa, Oklahoma 74114

Director of Purchases
Hays Manufacturing Company
12th and Liberty Streets
Erie, Pennsylvania 16512

Director of Purchases
Hercules Incorporated
Radford Arsenal
Radford, Virginia

Director of Purchases
Peter Healey Brass Foundry Inc.
P.O. Box 4163
Station A
Evansville, Indiana 47711

Director of Purchases
Hewlett Packard Company
1401 Page Hill Road
Palo Alto, California 94304

MCL002029
HARTOLDMON0003025

Director of Purchases
Harvey Aluminum
P. O. Box 8
Lewisport, Kentucky 43251

Director of Purchases

Hanna Nickle Smelting Company

Riddle, Oregon 97469

Director of Purchases
Harvey Aluminum Incorporated
19200 South Western Avenue
Torrance, California 90509

Director of Purchases
H. M. Harper Company
8200 Le High Avenue
Morton Grove, Illinois 60053

Director of Purchases
Harvey Aluminum Reduction Division
P. O. Box 711
The Dalles, Oregon

Director of Purchases
Harrison Machine Company
3118 Station Road
P. O. Box W 67
Wesleyville, Erie, Pa. 16510

Director of Purchases
H. L. Harvill Manufacturing Company
24201 Orange Avenue
Perris, California

Director of Purchases
Harvey Aluminum of Washington
Star Route 677
P. O. Box 677
Goldendale, Washington 98620

Director of Purchases
Hatco Chemical Division
W. R. Grace & Company
King George Post Road
Fords, New Jersey, 08863

Director of Purchases
Great Western Sugar Company
Terminal Annex
P. O. Box 5308
Denver, Colorado

Director of Purchases
Gulf Coast Aluminum Corporation
P. O. Box LL
Lake Charles, Louisiana 70601

Director of Purchases

A. P. Green Refractories

Mexico, Missouri 65265

Director of Purchases
Gulf Oil Corporation
P. O. Box 1166
Gulf Building
Pittsburgh, 40, Pa.

Director of Purchases
Griffin Pipe Products Company
R. D. Plant
1100 West Front Street
Florence, New Jersey 08518

Director of Purchases
Gulf States Tube Corporation
P. O. Box 952
Rosenberg, Texas 77471

Director of Purchases
Grinnell Corporation
P. O. Box 59
Columbia, Pennsylvania 17512

Director of Purchases
Hallenberger Incorporated
P. O. Box 5085
Evansville, Indiana 47711

Director of Purchases
Grotnes Machine Works Incorporated
5454 North Wolcott
Chicago, Illinois 60640

Director of Purchases
Hamco Division
Kayex Corporation
1000 Millstead Way
P. O. Box 8920
Rochester, New York 14624

MCL002031
HARTOLDMON0003027

Director of Purchases
Globe Industries Incorporated
1784 Stanley Avenue
Dayton 4, Ohio

Director of Purchases
Goulds Pumps Incorporated
Seneca Falls, New York 13148

Director of Purchases
Golden Foundry Company
1616 10th Street
Columbus, Indiana 47201

Director of Purchases
Grand Steel & Mfg. Company
1400 West 14 Mile Road
Clawson, Michigan 48017

Director of Purchases
The Goodyear Tire & Rubber Co.
Akron, Ohio 44315

Director of Purchases
Granite City Steel Company
Granite City, Illinois

Director of Purchases
Goslin-Birmingham, Incorporated
8th Avenue and 33rd Street North
Birmingham, Alabama 35222

Director of Purchases
Great Lakes Carbon Corporation
P. O. Box 2868
Carondelet Station
526 East Catalin Street
St. Louis, Missouri 63111

Director of Purchases
Gould Incorporated
Clevite Bearing Division
17000 St. Claire Avenue
Cleveland, Ohio 44110

Director of Purchases
Great Lakes Gas Transmission Compa
One Woodward Avenue
Detroit, Michigan 48226

MCL002032
HARTOLDMON0003028

Director of Purchases
Getty Oil Company
4201 Wilshire Boulevard
Tidewater Building
Los Angeles, 5 California

Director of Purchases
Glass Rock Products
2710 Marietta Boulevard N.W.
Atlanta, Georgia 30319

Director of Purchases
Getty Oil Company
P.O. Bin H
Taft, California 93268

Director of Purchases
Glass City Tool and Die Company
5202 Enterprise Boulevard
Toledo, Ohio 43612

Director of Purchases
Getty Oil Company
P.O. Box 954
Coalinga, California

Director of Purchases
Glen-Gery Corporation
P.O. Box 1656
East Canton, Ohio 44730

Director of Purchases
Gilmore Industries Inc.
3355 Richmond Road
Cleveland, Ohio 44122

Director of Purchases
Glenvale Products Division
Hoover Ball Bearing Company
P.O. Box 220
Malvern, Arkansas 72104

Director of Purchases
GIM Metal Products Inc.
164 Glen Cove Road
Carle Place, New York 11514

Director of Purchases
Global Supply
P.O. Box 1523
Houston, Texas 77001

MCL002033
HARTOLDMON0003029

Director of Purchases
General Motors Corporation
Chevrolet-Saginaw Grey Iron Foundry
10th and Washington
Saginaw, Michigan

Director of Purchases
General Dynamics Corporation
P. O. Box 748
Fort Worth, Texas 76101

Director of Purchases
General Motors Corporation
Central Foundry Division
77 West Center Street
Saginaw, Michigan

Director of Purchases
General Shale Products, Incorporated
P. O. Box 96
Morresville, Indiana 46158

Director of Purchases
General Motors Corporation
Definace Plant
Definace, Ohio

Director of Purchases
Georgetown Steel
P. O. Box 619
Georgetown, South Carolina 29440

Director of Purchases
General Motors Corporation
New Departure
Hyatt Bearings
Sandusky, Ohio 44871

Director of Purchases
Gerard Metal Craftsman
151 West Rosecrans Avenue
Gardena, California 90247

Director of Purchases
General Casting Corporation
Route 6
Jefferson Valley, New York 10535

Director of Purchases
Gerity Schultz Corporation
1810 Clinton Street
Toledo, Ohio 43607

MCL002034
HARTOLDMON0003030

Director of Purchases
General Motors Corporation
Chevrolet Motors Division
Roosevelt Town
Massena, New York 13662

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
Attn: Financial Dept.
P.O. Box 460
Massena, New York 13662

Director of Purchases
General Motors Corporation
Delco Remy Division
Accounts Payable Department
Anderson, Indiana 46014

Director of Purchases
General Motors Corporation
Chevrolet Motor Division
P.O. Box 21
Buffalo, New York 14240

Director of Purchases
General Motors Corporation
Proving Grounds
Accounts Payable
Milford, Michigan 48042

Director of Purchases
General Motors Corporation
Chevrolet Bay City Plant
100 Fitzgerald Street
Bay City, Michigan 48706

Director of Purchases
General Motors Corporation
Buick Motor Division
Hamilton Avenue
Flint, Michigan

Director of Purchases
GMC Chevrolet Motor Division
Buffalo Plant
1001 East Delavan Avenue
P.O. Box 972
Buffalo, New York 14240

Director of Purchases
Pontiac Motor Division
Box 55
Pontiac, Michigan

MCL002035
HARTOLDMON0003031

Director of Purchases
General Electric Company
Apparatus Service Shop
156 Circle Freeway Drive
Cincinnati, Ohio 45246

Director of Purchases
General Electric
Service Shop
175 Milens Road
Tonawanda, New York 14150

Director of Purchases
General Electric
Lamp Metals & Components
21800 Tungsten Road
Cleveland, Ohio 44117

Director of Purchases
General Motors Corporation
Delco Battery Operations
Delco Remy Division
1201 North Magnolia
Anaheim, California

Director of Purchases
General Electric Company
4811 Chaffey Access Road
Fort Smith, Arkansas

Director of Purchases
General Motors Corporation
Delco Remy Division
P. O. Box 2439
Accounts Payable Department
Anderson, Indiana 46011

Director of Purchases
General Electric
1801 South 12th Street
Allentown, Pa. 18103

Director of Purchases
General Motors Corporation
Delco Radio Division
Kokomo, Indiana

Director of Purchases
General Electric
Atomic Power Equipment Department
P. O. Box 254,
2151 South First Street
San Jose, California

Director of Purchases
General Motors
Central Foundry Division
77 West Center Street
Saginaw, Michigan 48605

MCL002036
HARTOLDMON0003032

Director of Purchases
Formex Company
Austin Street
P. O. Box 330
Greenville, Tennessee

Director of Purchases
Gedney Electric Company
Main Street
Terryville, Conn. 06786

Director of Purchases
Ft. Smith Industrial Foundation Corp.
P. O. Box 281
Ft. Smith, Arkansas 72901

Director of Purchases
General Cable Corporation
500 High Street
Perth Amboy, N. J.

Director of Purchases
Fraser Machine Products
6338 Lindmar Drive
Goleta, California 92017

Director of Purchases
General Electric
Accounts Payable
Building 5, Room 137
Louisville, Kentucky 40225

Director of Purchases
J. L. French Corporation
3101 S. Taylor Drive
Sheboygan, Wisconsin

Director of Purchases
General Electric
1731 Edsall Avenue
Ft. Wayne, Indiana 46803

Director of Purchases
Gardner Denver Company
Gardner Expressway
Quincy, Illinois 62301

Director of Purchases
General Electric
Aerospace Electronics
Accounts Payable Dept.
Box 459
Utica, New York 13503

MCL002037
HARTOLDMON0003033

Director of Purchases
Federal Mogul Division
Federal Mogul Corporation
451 County Line Road
Mooresville, Indiana 46158

Director of Purchases
Florida Steel Corporation
P. O. Box 3321
Tampa, Florida 33601

Director of Purchases
Federal Mogul
2310 S. Industrial Highway
Ann Arbor, Michigan

Director of Purchases
Florida Steel
P. O. Box 518
Indiantown Electric Steel Mill
Indiantown, Florida 33456

Director of Purchases
Federal Screws Works, Incorporated
3401 Martin Avenue
Detroit, Michigan 48210

Director of Purchases
Fluid Controls Incorporated
P. O. Box 49
Mentor, Ohio 44060

Director of Purchases
Feem Products Incorporated
P. O. Box 242
Iola, Kansas 66749

Director of Purchases
Foote Mineral Company
Kemco Operation
Commercial Alley
Keokuk, Iowa 52632

Director of Purchases
University of Southern Florida
4202 Fowler Avenue
Tampa, Florida 33620

Director of Purchases
Ford Motor Company
Box 458
Dearborn, Michigan

Director of Purchases
Erie Mining
Box 947
Hoyt Lake, Minnesota 55750

Director of Purchases
Excello Corporation
945 East State Street
Greenville, Ohio

Director of Purchases
Esco Corporation
2141 N. W. 25th Avenue
Portland, Oregon

Director of Purchases
Fan Steel Incorporated
Route 5
Box 238
Muskogee, Oklahoma 74401

Director of Purchases
Essex International Company
Polymer Division
2816 North Main Street
Rockford, Illinois 61103

Director of Purchases
Farrell Cheek Steel Company
710 Lane Street
Sandusky, Ohio 44870

Director of Purchases
Essex International
P. O. Box 278
618 Fourth Street
Three Rivers, Michigan 49193

Director of Purchases

Fate-Root Heath Company

Plymouth, Ohio 44865

Director of Purchases
Ethyl Corporation
1600 West 8 Mile Road
Ferndale, Michigan 48220

Director of Purchases
Federated Metals
P. O. Box 24038
Houston, Texas 77029

MCL002039
HARTOLDMON0003035

Director of Purchases
Electrolux Corporation
Division Consolidated Foods Corporation
51 Forest Avenue
Old Greenwich, Connecticut 06870

Director of Purchases
Emerson Electric Company
In-Sink-Erator Division
4700 21st Street
Racine, Wisconsin

Director of Purchases
Elliott Company
North Fourth Street
Jeanette, Pennsylvania 15644

Director of Purchases
Empire Adhesives
70 Concord Street
North Reading, Massachusetts 0186 4

Director of Purchases
El Paso Natural Gas
P. O. Box 1492
El Paso, Texas

Director of Purchases
Empire Die Casting Company
19800 Miles Avenue
Cleveland, Ohio 44128

Director of Purchases
The Elwell-Parker Electric Company
4205 St. Clair Avenue
Cleveland, Ohio 44103

Director of Purchases
Empire Plow Company
3140 East 65th Street
Cleveland, Ohio 44127

Director of Purchases
Mr. R.E. Petering
Emerson Electric Mfg. Company
Turrett Division
810 Florissant Avenue
St. Louis, Missouri

Director of Purchases
Erickson Corporation
211 St. Anthony Boulevard N.E.
Minneapolis, Minnesota

MCL002040
HARTOLDMON0003036

Director of Purchases
Eastland Industries, Incorporated
P. O. Box 190
Eastland, Tx. 76448

Director of Purchases
E G & G Incorporated
P. O. Box 294
San Ramon, California 94583

Director of Purchases
Eastman Kodak Company
Kodak Part Works
543 State Street
Rochester 4, New York

Director of Purchases
E & H Specialties
1907 College Wood
Ypsilanti, Michigan 48197

Director of Purchases
Eaton Corporation
Char-Lynn Plant
15151 Highway 5
Eden Prairie, Minnesota 55343

Director of Purchases
Elano Corporation
2455 Dayton Xenia Road
Xenia, Ohio 45385

Director of Purchases
Eaton Corporation
1111 East 200th Street
Cleveland, Ohio

Director of Purchases
Electric Energy Incorporated
P. O. Box 165
Joppa, Illinois 62953

Director of Purchases
Eaton Yale & Towne, Incorporated
Eaton Valve Division
463 North 20th Street
Battle Creek, Michigan

Director of Purchases
Electrical Products Division
Midland Ross Corporation
2210 South David Street
Los Angeles, California 90022

MCL002041
HARTOLDMON0003037

Director of Purchases
Dryad Die Casting Corporation
North Avenue
Manchester, New York

Director of Purchases
Dutton-Lainson Company
1601 West Second Street
Hastings, Nebraska 68901

Director of Purchases
Duncan Industries Incorporated
751 Pratt Boulevard
Elk Grove Village, Illinois 60007

Director of Purchases
Dynamic Forge Corporation
Oxford, Nebraska

Director of Purchases
E.I. Du Pont de Nemours & Co., Inc.
Purchasing Department
Room 6074
Wilmington, Delaware

Director of Purchases
Eagle Iron Works
P.O. Box 934
Des Moines, Iowa 50304

Director of Purchasing
Duquesne Light
General Purchasing Department
Elrama, Pennsylvania 15038

Director of Purchases
East Chicago Machine Tool Corp.
4801 Railroad Avenue
East Chicago, Indiana 46312

Director of Purchases
Durrum Instruments
3950 Fabian Way
Palo Alto, California 94303

Director of Purchases
Eastern Castings
64 South William
Newburgh, New York 12550

MCL002042
HARTOLDMON0003038

Director of Purchases

Dix Line Casket Hardware Company

Galva, Illinois

Director of Purchases
Dow Chemical Company
P. O. Box 752
Russellville, Arkansas 72801

Director of Purchases
Dort Manufacturing Company
3283 South Dort Highway
Flint, Michigan 45807

Director of Purchases

Dow Chemical Company

P. O. Box 1724

Midland, Michigan

Director of Purchases

Double A Products Company

Manchester, Michigan

Director of Purchases
Dravo Corporation
Neville Island
Pittsburgh, Pennsylvania 15225

Director of Purchases
Dover-Hunter-Hays Company
106 Buena Vista S. E.
Alburquerque, New Mexico

Director of Purchases
Dresser Industries
P. O. Box 7247
Dallas, Texas 57209

Director of Purchases
Down Industrial Service
428 Thatcher Drive
Box 2429
Youngstown, Ohio 44509

Director of Purchases
Drumheller Tool & Die Company
7312 Elmo
Tujunga, California 91042

MCL002043
HARTOLDMON0003039

Director of Purchases
Delta Die Casting
217 Fay Avenue
Addison, Illinois 60101

Director of Purchases
Diamond Shamrock
Belle West, Virginia 25015

Director of Purchases
City of Detroit
City Controller
1110 City-County Building
Detroit, Michigan 48226

Director of Purchases
Die Cast Corporation
415 Cleveland Avenue
Sheboygan Falls, Wisconsin

Director of Purchases
A. P. De Sanno & Sons Incorporated
Phoenixville, Pennsylvania

Director of Purchases
Die Cast Manufacturing
10148 Rust Street
El Monte, California 91733

Director of Purchases
Diamond Chain Company
402 Kentucky Avenue
Indianapolis, Indiana

Director of Purchases
Dive Shop
110 West Main Street
Bayshore, New York 11706

Director of Purchases
Diamond Metal Alloys
P. O. Box 2119
Houston, Texas 77001

Director of Purchases
Divers Equipment
5800 Barrymore
Kansas City, Missouri 64134

Director of Purchases
Dallas Die Casting Company
334 Rock Island Street
Dallas, Texas

Director of Purchases
Dayton Malleable Iron
3931 South Dixie Highway
Dayton, Ohio 45439

Director of Purchases
Dana Corporation
Perfect Circle Sleeve Division
Route 35 West
P. O. Box 990
Richmond, Indiana 47374

Director of Purchases
Deering Milliken, Incorporated
P. O. Box 1838
Spartanburg, South Carolina 29301

Director of Purchases
Dana Corporation
4100 Bennett Road
Toledo 1, Ohio

Director of Purchases
De Laval Manufacturing Company
811 Fourth Street
West Des Moines, Iowa

Director of Purchases

Davis Fire Brick Company

Oak Hill, Ohio 45656

Director of Purchases
De Laval Separator Company
350 Dutchess Turnpike
Poughkeepsie, New York 12602

Director of Purchases
J. H. Day Company
Cleveland Automatic Machine Company
Division
4932 Beech
Cincinnati 12, Ohio

Director of Purchases
Delmar Die Casting
17250 South Main
Gardena, California 90247

MCL002045
HARTOLDMON0003041

Director of Purchases
Crane Company
Airport Road
Jonesboro, Arkansas 72401

Director of Purchases
Custom Beverage & Canners
P. O. Box 1048
Charlotte, North Carolina 28201

Director of Purchases
Crist Machinery & Supply
Plateau Supply Incorporated
P. O. Box 563
Albuquerque, New Mexico 87103

Director of Purchases
Cuyahoga Industries Division
Basic Aluminum Castings Co.
17920 Waterloo Road
Cleveland, Ohio 44119

Director of Purchases
Crucible Steel Company of America
Sanderson Halcomb Works
Syracuse, New York

Director of Purchases
Cyclops Corporation
Empire Reeves Steel Division
913 Bowmen Street
Mansfield, Ohio 44901

Director of Purchases
W. F. Curlee Manufacturing Company
P. O. Box 776
Houston, Texas

Director of Purchases
Daca Company
312 Carleton Avenue
Maryville, Michigan

Director of Purchases
Curtis Manufacturing
1905 Kienlen Avenue
St. Louis, Missouri 63133

Director of Purchases
Daisy Heddon Division
Victor Compometer Corporation
Rogers, Arkansas 72756

MCL002046
HARTOLDMON0003042

Continental Can Company, Inc.
Director of Purchases
19801 Holland Road
Cleveland, Ohio 44142

Director of Purchases
Continental Steel Corporation
South Plant
Kokomo, Indiana

Director of Purchases
Continental Can Company, Inc.
95 West Cresentville Road
Cincinnati, Ohio 45246

Director of Purchases
Copperweld Steel
Ohio Sheet Tube Division
Shelby, Ohio 44875

Director of Purchases
Continental Can Company, Inc.
4848 Giuton
P.O. Drawer 22085
Houston, 27, Texas

Director of Purchases
Countrys Delight Milk
Division of Certified Grocers of Ill.
5332 Southwestern Avenue
Chicago, Illinois 60609

Director of Purchases
Continental Emsco
P.O. Box 1522
Houston, Texas 77002

Director of Purchases
L.M. Cox Manufacturing Company I:
P.O. Box 476
Santa Ana, California

Director of Purchases

Continental Machines Incorporated

Savage, Minnesota 55378

Director of Purchases

Crane Company

4100 South Kedzie Avenue

Chicago, Illinois 62632

MCL002047
HARTOLDMON0003043

Director of Purchases
Collins Radio
1930 Hiline Drive
Dallas, Texas 75207

Director of Purchases
Commercial Filters Corporation
415 Indianapolis Avenue
Lebanon, Indiana

Director of Purchases
Collins Radio
Cedar Rapids, Iowa

Director of Purchases
Commodity Steel Processing
6561 East 7 Mile Road
Detroit, Michigan 38234

Director of Purchases
Colorado Interstate Gas Company
P.O. Box 1087
Colorado Springs, Colorado

Director of Purchases
Commonwealth Edison
72 West Adams Street
P.O. Box 767
Chicago, Illinois 60690

Director of Purchases
Colson Company
440 Somerville Avenue
Somerville, Massachusetts 02143

Director of Purchases
Consolidated Aluminum Corporation
1100 Richmond
Jackson, Tennessee

Director of Purchases
Colt Industries
Crucible Magnetics Division
P.O. Box 100
Elizabethtown, Kentucky 42701

Director of Purchases
Consolidated Edison Company
of New York, Incorporated
4 Irving Place
New York, 3 New York

MCL002048
HARTOLDMON0003044

Director of Purchases
Cities Service
Tampa Agri. Chem Operations
P.O. Box 3269
Tampa, Florida 3360,

Director of Purchases
Clevite Corporation
Cleveland Graphite Bronze Division
Caldwell, Ohio

Director of Purchases
Melroe Company
Clark Equipment
Gwinner, North Dakota

Director of Purchases
Cliquot Club Company
725 Main Street
Millis, Maine 02054

Director of Purchases
Cleveland Crane & Engineering
1271 East 289th Street
Wickliffe, Ohio 4092

Director of Purchases
Clover Casting Company
P.O. Box 565
Redwood Highway South
Cloverdale, California 95425

Director of Purchases
Cleveland Graphite Bronze
Division Clevite Corporation
16800 St. Clair
Cleveland, Ohio 44110

Director of Purchases
Club Monarch Aluminum Division
Standard International Corporation
9205 Detroit Avenue
Cleveland, Ohio 44102

Director of Purchases
Clevite Corporation
Piezoelectric Division
232 Forbes Road
Bedford, Ohio

Director of Purchases
Clyde Equipment and Engr. Company
P.O. Box 1926
Bechtold Station
St. Louis, Missouri

MCL002049
HARTOLDMON0003045

Director of Purchases
Cerro Corporation
Cerro Copper & Brass Division
Bellefonta, Pennsylvania

Director of Purchases
Chrysler Corporation
Indianapolis Foundry
1100 South Tibb Avenue
Indianapolis, Indiana

Director of Purchases
Char-Lynn Company
15151 Highway Five
Eden Prairie, Minnesota 55345

Director of Purchases
Ciba Pharmaceutical
556 Morris Avenue
Summit, New Jersey 07901

Director of Purchases
Chase Manufacturing
Chase Road
Douglas, Michigan

Director of Purchases
Cincinnati Shaper
P. O. Box 111
Cincinnati, 45211

Director of Purchases
Chemola Mfg. Company
4750 Clinton Drive
Houston, Texas

Director of Purchases
Cities Service Oil
Purchasing Deaprtment
P. O. Box 245
Tulsa, Oklahoma 73102

Director of Purchases
Chicago White Metal Casting Company
5239 West Grand
Chicago, Illinois 60639

Director of Purchases
Cities Service Gas Company
P. O. Box 25128
Oklahoma City, Oklahoma 73125

MCL002050
HARTOLDMON0003046

Director of Purchases
Carter Carburetor Corporation
2840 South Spring Avenue
St. Louis, Missouri

Director of Purchases
Catching Engineer
2101 Roberts Drive
Broadview, Illinois 60153

Director of Purchases
Carter Mech. Incorporated
Box 28
Galion, Ohio 44833

Director of Purchases
Caterpillar Tractor Company
Peoria 3, Illinois

Director of Purchases
Cast All Corporation
229 Liberty Avenue
Mineola, New York 11500

Director of Purchases
Celanese Polymer Company
160 Aterminal Avenue
Clark, New Jersey

Director of Purchases
Cast Forge Company
2440 West Highland Road
Howell, Michigan 48843

Director of Purchases
Central Die Casting & Mfg. Company
2935 West 47th Street
Chicago, Illinois

Director of Purchases
Catalina Divers
P. O. Box 126
Avalon, California 90704

Director of Purchases
Century Electric Company
1806 Pine Street
St. Louis, Missouri

MCL002051
HARTOLDMON0003047

Director of Purchases
Cabot Corporation
Stellite Division
1020 West Park Avenue
Kokomo, Indiana 46901

Director of Purchases
The Carborundum Company
P. O. Box 337
Niagara Falls, New York 14302

Director of Purchases
Cabot Corporation
P. O. Box 1101
Pampa, Texas 79065

Director of Purchases
Cargill-Detroit Corporation
1250 Northcooks Road
Clawson, Michigan 48017

Director of Purchases
Calhoun Foundry Company, Inc.
South Clay Street
Homer, Michigan 49245

Director of Purchases
Carling Brewing
9400 Quincy Avenue
Cleveland, Ohio

Director of Purchases
Cameron Iron Works Incorporated
Oil Well Specialists
P. O. Box 1212
Houston, Texas

Director of Purchases
Carpenter Technology Corporation
P. O. Box 662
Reading, Pennsylvania 19603

Director of Purchases
Capstone Industries
P. O. Box 4 060
Corpus Christi, Texas 78408

Director of Purchases
Carrier Air Conditioning Company
Division Carrier Corporation
Box 1264
Syracuse, New York 13201

MCL002052
HARTOLDMON0003048

Director of Purchases
Brown Company
Purchasing Department
Berlin, New Hampshire 03570

Director of Purchases
Bucyrus-Erie Company
P. O. Box 56
South Milwaukee, Wisconsin 53172

Director of Purchases
Brunswick Corporation
1700 *Mossler*
Muskegon, Michigan

Director of Purchases
Budd Company
2450 Hunting Park Avenue
Philadelphia, Pennsylvania

Director of Purchases
Brush Beryllium Company
17876 St. Clair Avenue
Cleveland, Ohio 44110

Director of Purchases
Bunting Brass & Bronze Company
715 Spencer Street
Toledo, Ohio 43609

Director of Purchases
B&T Machinery Company
217 West 8th Street
Holland, Michigan 49423

Director of Purchases
C&H Die Casting Incorporated
P. O. Box 1170
Temple, Texas

Director of Purchases
Buckeye Steel Castings Company
2211 Parsons Avenue
Columbus, Ohio

Director of Purchases
CE Refractories
101 Ferry Street
St. Louis, Missouri 63147

MCL002053
HARTOLDMON0003049

Director of Purchases
The Borden Company
Columbus Coated Fabrics
1280 North Grant Avenue
Columbus, Ohio 43216

Director of Purchases
Brackett Stripping Company, Inc.
P. O. Box 125
Topeka, Kansas 66601

Director of Purchases
Borg Warner Corporation
York Division
P. O. Box 1592
York, New York 17405

Director of Purchases
C. F. Braun
2500 Orange Street
Alhambra, California 91802

Director of Purchases
Borg Warner Corporation
Calumet Steel Division
Box 217
Chicago Heights, Illinois 60411

Director of Purchases
Brewster Company
P. O. Drawer 1095
Shreveport, Louisiana 71102

Director of Purchases
Bossert Manufacturing Corporation
1002 Oswego Street
Utica, New York 13503

Director of Purchases
Bridgeport Brass
30 Grant Street
Bridgeport, Connecticut 06602

Director of Purchases
Bounty Shoes
R. H. Bouligny Company Inc.
433 West Morehead
Charlotte, North Carolina

Director of Purchases
Briggs & Stratton
P. O. Box 700
Milwaukee, Wisconsin 53201

MCL002054
HARTOLDMON0003050

Director of Purchases
Bethlehem Steel Corporation
701 East Third Street
Bethlehem, Pennsylvania

Director of Purchases
Blaw Knox Company
Farmers Bank Building
Pittsburgh, Pennsylvania

Director of Purchases
Big Three Industrial Gas & Equipment Company
P.O. Box 3047-TR
Houston, Texas 77011

Director of Purchases
Blaw Knox Company
Warwood Works
Warwood, West Virginia

Director of Purchases
Black and Decker Manufacturing Co.
Fountain Avenue
Lancaster, Pennsylvania

Director of Purchases
E.W. Bliss
Babcock and Wilcox
1501 Raff Road
Canton, Ohio

Director of Purchases

Blackwell Zinc

Blackwell, Oklahoma 74631

Director of Purchases
Boeing Company
Commercial Airplane Division
P.O. Box 3707
Seattle, Washington 98124

Director of Purchases
Blake Marine
12 Connybrook Road
Montvale, New Jersey 07645

Director of Purchases
Bohn Aluminum & Brass Corporation
Division Universal American Corp.
E. Maumee Street
Adrian, Michigan

MCL002055
HARTOLDMON0003051

Director of Purchases
Bell & Howell Company
7100 McCormick
Chicago, Illinois

Director of Purchases
Bendix Corporation
Scientific Instruments & Equip. Div.
1775 Mt. Read Boulevard,
Rochester, New York 14603

Director of Purchases
Bellows Valair
1150 Newark Road
Zanesville, Ohio 43701

Director of Purchases
Bendix Corporation
95th & Troost
Kansas City, Missouri

Director of Purchases
Belridge Oil Company
1300 West Fourth Street
Los Angeles, California 90017

Director of Purchases
Bendix Corporation
Scintilla Magneto Division
Sidney, New York

Director of Purchases
Bendix Corporation
11600 Sherman Way
North Hollywood, California

Director of Purchases
Bendix Corporation
Utica Division
211 Seward Avenue
Utica, New York

Director of Purchases
Bendix Corporation
Bendix Products
Aerospace Division
410 West Bendix Drive
South Bend, Indiana 46619

Director of Purchases

Bertram Delco

Kokomo, Indiana

MCL002056
HARTOLDMON0003052

Director of Purchases
Barber Coleman Company
1300 Rock Street
Rockford, Illinois

Director of Purchases
Bauer Ind. Sales
611 Dettford Avenue
Dayton , Ohio 45429

Director of Purchases
Barber Die & Tool
4707 West North Avenue
Chicago, Illinois 60639

Director of Purchases
A. J. Baxter Company
10171 West Jefferson
River Rouge, Michigan 49128

Director of Purchases
Baron Blakeslee
Division of Purex Corporation
9445 Ann Street
Santa Fe Springs, California 90640

Director of Purchases
City of Beacon
Commissioner of Accounts
City Office
Beacon, New York 12508

Director of Purchases
Basic Aluminum Castings Company
1325 East 168th Street
Cleveland 10, Ohio

Director of Purchases
Beardsley Piper Division
Pettibone Mullikin Company
2424 North Cicero Avenue
Chicago, Illinois

Director of Purchases
Baso Division
Penn Controls, Incorporated
4000 West Burnham
Milwaukee, Wisconsin

Director of Purchases
Belden Corporation
415 S. Kilpatrick Avenue
Chicago, Illinois 60644

MCL002057
HARTOLDMON0003053

Director of Purchases
Atlantic Steel Company
1365 Mecaslin Street North West
c/o Mill Storeroom
Atlanta, Georgia 30301

Director of Purchases
Badger Die Casting Corporation
201 West Oklahoma Avenue
Milwaukee, Wisconsin 53207

Director of Purchases
Atlas Systems
P.O. Box 496
Parkwater Station
Spokane, Washington 99211

Director of Purchases
Ball Corporation
4000 North Arden Drive
Muncie, Indiana 47302

Director of Purchases
Auto Control Laboratories
Div. Rucker Company, Inc.
5251 West Imperial Highway
Los Angeles, California 90045

Director of Purchases
Ball Corporation
1200 Townline Road
Tre 60 at Jct. 45
Mundelein, Illinois 60060

Director of Purchases
Aves Manufacturing Company
4211 Redwood Avenue
Los Angeles, California 90066

Director of Purchases
Ball Corporation
1856 Nedersonville Road
Asheville, North Carolina

Director of Purchases
Babcock & Wilcox Company
Tubular Products Division
P.O. Box 401
Beaver Falls, Pennsylvania

Director of Purchases
Ballman Engineering
601 International Avenue
Washington, Missouri 63090

MCL002058
HARTOLDMON0003054

Director of Purchases
Ashland Oil and Refining Company
1401 Winchester Street
Ashland, Kentucky

Director of Purchases
Atlanta Gas Light Company
P. O. Box 4569
Riverdale, Georgia 30302

Director of Purchases
Associated Milk Producers, Inc.
P. O. Box 920
Rochester, Minnesota 55901

Director of Purchases
Atlantic Richfield
P. O. Box 2819
Dallas, Texas 75221

Director of Purchases
Athens Foundry Corporation
101 North Main Street
Athens, Pennsylvania 18810

Director of Purchases
Atlantic Richfield
875 North Michigan Avenue
Chicago, Illinois 60611

Director of Purchases
Athens Oil Company
P. O. Box 178
Athens, Tennessee 37301

Director of Purchases
Atlantic Richfield
P. O. Box 250
Richland, Washington 99352

Director of Purchases
Atlantic Die Casting Company
2585 Beaufait Avenue
Detroit 7, Michigan

Director of Purchases
Atlantic Richfield
P. O. Box 958
Gillette, Wyoming 82716

MCL002059
HARTOLDMON0003055

Director of Purchases
Anixter General Die Caster
6212 Akron Peninsula Road
Peninsula, Ohio 44264

Director of Purchases
Arc Incorporated
Invoice Division
Arnold AFB Station, Tennessee

Director of Purchases
Ansen Automotive
13715 South Western Avenue
Gardena, California 90249

Director of Purchases
Arrow Acme Corporation
411 Prospect
Webster City, Iowa

Director of Purchases
Arcturus Manufacturing Corporation
6001 Arcturus Avenue
Oxnard, California 93030

Director of Purchases
Arrow Aluminum Casting Company
3135 Berea Road
Cleveland 11, Ohio

Director of Purchases
Argonne Laboratory
9700 South Cass
Argonne, Illinois

Director of Purchases
Arrow Diecasting Company
4031 Goodwin Avenue
Los Angeles, California

Director of Purchases
Arnold Air Drilling
P. O. Box 727
Fort Smith, Arkansas 72901

Director of Purchases
Arrowhead Brass Products
5142 Alhambra Avenue
Los Angeles 32, California

MCL002060
HARTOLDMON0003056

Director of Purchases
Amerock Corporation
4000 Auburn Street
Rockford, Illinois

Director of Purchases
Anadite Incorporated
Martin Machine
2027 Santa Fe
Los Angeles, California

Director of Purchases
Ameron Steel Producing Division
12459 Arrow Highway
Etiwanda, California 91739

Director of Purchases
Anchor Conveyor Division
Standard Alliance Ind., Inc.
6906 Kingsley Avenue
Dearborn, Michigan 48126

Director of Purchases
Ametek Strazza
790 Greenfield Avenue
El Cajon, California 92021

Director of Purchases
Anchor Coupling Company, Inc.
342 North Fourth Street
Libertyville, Illinois 60048

Director of Purchases
Amsted Industries
Amsted Steel Foundries
1700 Walnut Street
Granite City, Illinois 62040

Director of Purchases
Anheuser Busch
The A&E Eagle
c/o Allied Marine Corporation
2051 Northwest 11th Street
Miami, Florida

Director of Purchases
Anaconda Company
25 Broadway
New York, New York 10004

Director of Purchases
Anheuser Busch, Incorporated
721 Pestolozzi Street
St. Louis, Missouri

MCL002061
HARTOLDMON0003057

Director of Purchases
American Can Company
Route 31
Washington, New Jersey 07882

Director of Purchases
American Gilsonite
P. O. Box 900
Grand Junction, Colorado

Director of Purchases
American Chain and Cable
Louben Division
1729 Sadelwood Boulevard
Akron, Ohio

Director of Purchases
American Manufacturing Company
601 West McKee Street
Greenburgh, Indiana 47240

Director of Purchases
American Chemical
P. O. Box 9247
Long Beach, California 90810

Director of Purchases
American Motors
14250 Plymouth Road
Detroit, Michigan

Director of Purchases
American Compressor Company
11850 East Florence Avenue
Santa Fe Springs, California 90670

Director of Purchases
American Smelting & Refining
P. O. Box 3612
San Francisco, California 94119

Director of Purchases
American Cyanamid Company
P. O. Box 368
Savannah, Georgia

Director of Purchases
American Smelting &
Refining Company
Clover, Missouri

MCL002062
HARTOLDMON0003058

Director of Purchases
Alpha Industries, Incorporated
615 Center Avenue
Logansport, Indiana 46947

Director of Purchases
Ambrit Industries
1288 Los Angeles Street
Glendale, California

Director of Purchases
Alton Box Board
P. O. Box 276
Alton, Illinois 62002

Director of Purchases
American Aluminum Incorporated
219 Fifth Street
West Des Moines, Iowa 50265

Director of Purchases
Alton Box Board
Alton Mill,
Cut Street
Alton, Illinois 62002

Director of Purchases
American Aluminum, Incorporated
North Des Moines Street
Webster City, Iowa

Director of Purchases
Aluminum Die Casting Company
3462 San Fernando Road
Los Angeles, California 90065

Director of Purchases
American Bosch Division
Ambac Industries, Inc.
3664 Main Street
Springfield, Massachusetts 01107

Director of Purchases
Aluminum Forge
Altamil Corporation
502 East Alton Street
Santa Ana, California 92707

Director of Purchases
American Can Company
P. O. Box 3748
Modesto, California 95353

MCL002063
HARTOLDMON0003059

Director of Purchases
Allegheny Ludlum Steel Corporation
Box 5
Brackenridge, Pennsylvania

Director of Purchases

Allied Marine Corporation
2051 North West 11th Street
Miami, Florida 33125

Director of Purchases
Allegheny Ludlum Steel
General Purchasing Division
Oliver Building
Pittsburgh, Pennsylvania 15222

Director of Purchases
Louis Allis Company
21 East Stuart Street
Milwaukee 7, Wisconsin

Director of Purchases
Allied Chemical
Fibers Division
Box 31
Petersburg, Virginia 23803

Director of Purchases
Allis Chalmers
1126 South 70th Street
Milwaukee 1, Wisconsin

Allied Chemical
Director of Purchases
Specialty Chemicals Division
P.O. Box # E
Moundsville, W. Virginia 26014

Director of Purchases
Allis Chalmers Manufacturing Co.
Norwood Works
4620 Forest Avenue
Cincinnati, Ohio 45212

Director of Purchases
Allied Chemical Corporation
North Plant
State Route 2
Moundsville, West Virginia 26014

Director of Purchases
Alloy Die Casting
6550 Caballero Boulevard
Buena Park, California

MCL002064
HARTOLDMON0003060

Director of Purchases
Air Products & Chem
17801 Arenth Avenue
City of Industry, California

Director of Purchases
Ajax Forging & Casting Company
205 Adair Street
Detroit, Michigan 48207

Director of Purchases
Airco Industrial Gases
1965 East 28th Street
Lorain, Ohio 44055

Director of Purchases
Ajax Hardware Manufacturing Corp.
825 Ajax Avenue
City of Industry, California 91747

Director of Purchases
Airco Vacuum Metals
735 Ashby Avenue
Berkeley, California 94710

Director of Purchases
Ajax Magnethermic Corporation
P. O. Box 991
1745 Overland Avenue N. E.
Warren, Ohio 44482

Director of Purchases
Air Reduction Company, Inc.
Central Research Lab
Murray Hill, New Jersey 07971

Director of Purchases
Alabama Oxygen
P. O. Box 308
Bessemer, Alabama 35020

Director of Purchases
Airoyal
43 Newark Way
Maplewood, New Jersey 07040

Alco Machinery and Supply
Director of Purchases
5 Beehman Street
New York, New York 10038

MCL002065
HARTOLDMON0003061

Director of Purchases
Acro Welder Manufacturing Company
2900 West Green Tree Road
Milwaukee, Wisconsin

Director of Purchases
Aero Titanium Products
6510 Federal Boulevard
Lemon Grove, California 02045

Director of Purchases
Action Manufacturing Company
4567 Bermuda Street
Philadelphia, Pennsylvania 19124

Director of Purchases
Aerojet Liquid Rocket Company
P.O. Box 13222
Sacramento, California 94813

Director of Purchases
Adams Carbide
24141 Ann Arbor Trail
Dearborn Heights, Michigan

Director of Purchases
Aetna Standard Engineering Company
Park Avenue & Second Street
Ellwood City, Pennsylvania 16117

Director of Purchases
Adams Carbide
3100 Industrial Road
Livonia, Michigan 48150

Director of Purchases
Agri Craft Company Incorporated
353 Dawson Drive
Camarillo, California 93010

Director of Purchases
Advance Pressure Casting Corporation
276 Highway 53
Denville, New Jersey 07834

Director of Purchases
Air Equip-Drill
P.O. Box 1664
Bakersfield, California 93302

MCL002066
HARTOLDMON0003062

Director of Purchases
AAA Products, Incorporated
P.O. Box 35482
Dallas, Texas 75335

Director of Purchases
Academy Die Casting
47 Langstaff Avenue
Edison, New Jersey 08817

Director of Purchases
A&A Die Casting Company
12901 South Western Avenue
Gardena, California 90249

Director of Purchases
Acheson Colloids
Division of Acheson Industries, Inc.
Port Huron, Michigan

Director of Purchases
Abex Corporation
Railroad Products Group
626 Armstrong Avenue
St. Paul, Minnesota 55102

Director of Purchases
Acme Machine Works
North 421 Sycamore Street
Spokane, Washington 99202

Director of Purchases
Abex Corporation
P.O. Box 458
Meadville, Pennsylvania 16335

Director of Purchases
Acme Printing Ink Company
2909 Chrysler Road
Kansas City, Kansas 66115

Director of Purchases
Abex Corporation
Dennison Division
1160 Dublin Road
Columbus, Ohio 43216

Director of Purchases
Acrometal Products Incorporated
616 Fifth Street North
Minneapolis, Minnesota 55401

TAB 131.2

Monsanto

FROM (NAME & LOCATION): P. W. Gann - B2SF

DATE: May 9, 1973 cc

SUBJECT: PCB Warning Letters, February 28, 1972
Bergen Letter

REFERENCE:

TO : Memo to File

It is believed that the mailing list for this letter is the same as that used for the January 31, 1972 including the updates.

P. W. Gann

/mc

EXHIBIT
WBP M-131.2

MCL002068

HARTOLDMON0003065