

ANY—	150 Park St., P.O. Box 2800 Troy, MI 48067 Tel.: 313-589-2008 Mr. Toggle Clamps, Reed Valves S.I.C.: 3468 William O. Rogerson (Pres.)	(100%)	7174-006
(1)	Dover Elevator Systems, Inc. (1) P.O. Box 2177 Memphis, TN 38101 Tel.: 901-393-2110 Approx. Sis.: \$250,000,000 Emp.: 800 Mr. Elevators S.I.C.: 3534 Charles Davenport (Pres.)	(DE) (100%)	7174-007
(100%)	Green Div./Dover Corp. (1) 1900 Pratt Blvd. Blk Grove Village, IL 60007 Tel.: 312-439-2400 Mr. Cooking Vessels S.I.C.: 3589 Louise O'Sullivan (Pres.)	(DE) (100%)	7174-008
(100%)	Ernest Holmes Div. (1) 2505 E. 43rd St. Chattanooga, TN 37407 Tel.: 615-867-2142 Mr. Auto Wreckers S.I.C.: 3713 Walter G. Lock (Pres.)	(DE) (100%)	7174-019
DE	K & L Microwave Div. (1) 408 Coles Circle Salisbury, MD 21801 Tel.: 301-749-2424 Microwave Filters S.I.C.: 3679 Richard Bernstein (Pres.)	(DE) (100%)	7174-018
Emp.: 16,193 I. Equip.; Flow ans Toggle Claps; /ld. Guns; Auto ary Pumps; Fl. oking Vessels;	Measurement Systems, Inc. (1) 121 Water St. Norwalk, CT 06854 Tel.: 203-838-5561 Positioning & Tracking Controls; Joy Sticks S.I.C.: 3522 Morton Maki (Pres.)	(100%)	7174-009
5586 Exec. Officer)	Norris Div. (1) P.O. Box 1739 Tulsa, OK 74101 Tel.: 918-584-2441 Mr. Oil Production Equip. S.I.C.: 3533 Thomas L. Reece (Pres.)	(DE) (100%)	7174-010
OPW Div. (1) P.O. Box 40240 Cincinnati, OH 45240 Tel.: 513-870-3100 Mr. Gasoline Nozzles Valves & Fittings S.I.C.: 3494 William J. Petter (Pres.)	(DE) (100%)	7174-020	
Pathway Bellows, Inc. (1) 1452 N. Johnson El Cajon, CA 92020 Tel.: 619-440-1300 Metal Expansion Joints S.I.C.: 3538	(DE) (100%)	7174-011	
Flonningen-Petter Div. (1) P.O. Box 188 Portage, MI 49681 Tel.: 616-323-1313 Mr. Filtration Equip. S.I.C.: 3569 Thomas H. Cross (Pres.)	(DE) (100%)	7174-012	
(1)	Dover Corp. Rotary Lift Div. (1) Airport Sta., P.O. Box 30205 Memphis, TN 38138 Tel.: 901-345-2500 Mr. Hydraulic Auto Lifts S.I.C.: 3538 Richard T. Farrell (Pres.)	(DE) (100%)	7174-003
Subsidiaries:	Dieterich Standard Corp. (1) 5601 No. 71st Boulder, CO 80301 Mailing Address: P.O. Box 9000 Boulder, CO 80301 Tel.: 303-530-9600 Mr. Flow Meters, Fined Tubing Assemblies S.I.C.: 3829 James L. Banke (Pres.)	(DE) (100%) (CO) (100%)	7174-013
Pathway Bellows, Inc. (1) P.O. Box 1526 El Cajon, CA 92022 Tel.: 619-440-1526	(100%)	7174-005	
Design, Engineer & Mr. Metal & Nonmetallic Expansion Joints, Bellows & Indus. Dampers used in Process Piping in Oil Refineries, Chemical & Petrochemical Plants, Electric Utilities & Ship Building S.I.C.: 3079; 3494; 3599; 3822 Michael P. Coffee (Pres.)	(DE) (100%)	7174-022	
Sargent Industries (1) 1901 Ave. of the Stars Los Angeles, CA 90067 Tel.: 213-277-9111 S.I.C.: 3724; 3443; 3494; 3561; 3586; 3589; 3592; 3728; 3823 John M. Jarboe (Pres.)	(100%)	7174-023	
Divisions:	Airtite Division (2) 1700 E. Grand Ave. El Segundo, CA 90245 Tel.: 213-772-6251 Mr. Pressure Vessels, Rocket Motor Cases, Expulsion Tanks, Thin Wall Large Diameter Seamless Pipe S.I.C.: 3441 James L. Cauthen (Pres.)	(100%)	7174-024
Central Research Laboratories (2) Red Wing, MN 55966 Tel.: 612-388-3565 Approx. Sis.: \$6,500,000 Emp.: 75 Master Slave Manipulators used for Handling Toxic & Dangerous Materials S.I.C.: 7391 Rudolph O. Marohi (Pres.)	(100%)	7174-025	
Huntington Park Division (2) 2533 E. 56th St. Huntington Park, CA 90255 Tel.: 213-583-4101 Approx. Sis.: \$37,000,000 Emp.: 440 Hydraulic & Mechanical Actuators, Valves, etc. S.I.C.: 3728 William S. Brewer (Pres.)	(100%)	7174-026	
Kahr Bearing (2) 3010 N. San Fernando Blvd. Burbank, CA 91503 Tel.: 213-843-3731 Approx. Sis.: \$11,000,000 Emp.: 150 Proprietary Precision Spherical Bearings S.I.C.: 3562 David Kleinhaus (Pres.)	(100%)	7174-027	
Pico Operations (2) 15350 Stafford St. City of Industry, CA 91744 Tel.: 213-961-3521 Approx. Sis.: \$8,500,000 Emp.: 170 Mr. Evacuation Systems & Equip. S.I.C.: 3728 C. Roger Gardemann (Pres.)	(100%)	7174-028	
Sargent Industries Stillman Seal Div. (2) 6020 Avenida Encinas Carlsbad, CA 92008 Tel.: 714-438-1811 Approx. Sis.: \$9,000,000 Emp.: 175 Specialty Seals S.I.C.: 3069 S. E. Posey (Acting Pres. & Engrng. Mgr.)	(100%)	7174-029	
Sweeney Division (2) 6300 Stapleton S. Drive Denver, CO 80216 Tel.: 303-320-4800 Approx. Sis.: \$8,500,000 Emp.: 190 Torque Multiplying Devices & Special Tools Used for the Overhaul & Maintenance of Aircraft & Heavy Duty Diesel Engines S.I.C.: 3599 Richard A. Monteferrante (Pres.)	(100%)	7174-014	
Tipper Tie, Inc. (1) P.O. Box 808 Union, NJ 07083 Tel.: 201-687-2345 Mr. Clip Closures Carl Dinger (Pres.)	(DE) (100%)	7174-015	
Tranter, Inc. (1) 1054 Claussen Rd., Ste. 314 Augusta, GA 30907 Tel.: 404-738-7900 Mr. of Heat Transfer & Cooling Equip. S.I.C.: 3822 Harry E. Guyselman (Chm. Bd. & Pres.)	(MI) (100%)	7174-016	
Universal Instruments Corp. (1)		7174-017	
P.O. Box 825 Binghamton, NY 13902 Tel.: 607-722-7522 Mr. Automated Assembly Equip. for Electronic Circuitry S.I.C.: 3468; 5084; 3679 John Pomeroy (Pres.)	(DE) (100%)	7174-018	
Waukesha Bearings Corp. (1) P.O. Box 798 Waukesha, WI 53187 Tel.: 414-547-3381 Mr. Bearings for Marine & Industrial Purposes S.I.C.: 3562; 3679 Jerry W. Yochum (Pres.)	(WI) (100%)	7175-000	
THE DOW CHEMICAL COMPANY 2030 Willard H. Dow Center Midland, MI 48674 Tel.: 517-636-1000 DE DOW—(NYSE PS MW AM AN BAS BR BRU DUS FR GEN HAM LON PARIS TS ZUR; Hanover, Laussane) Assets: \$11,830,000,000 Liabilities: \$7,038,000,000 Net Worth: \$4,792,000,000 Approx. Sis.: \$11,537,000,000 Emp: 53,200 Fiscal Year-end: 12/31/85 Mr. Chemicals, Agricultural Chemicals, Plastics, Metals, Packaging, Pharmaceuticals & Household Products S.I.C.: 3079; 2812; 2819; 2821; 2831; 2834; 2869; 2879; 2899; 3339 P. F. Orefice (Chm. Bd., Pres. & Chief Exec. Officer) Joseph G. Temple, Jr. (Exec. V.P.) Hunter W. Henry (Exec. V.P.) Robert M. Keil (Exec. V.P.) F. P. Popoff (Exec. V.P.) David P. Sheetz (Sr. V.P.) Keith R. McKennon (Grp. V.P.) W. M. Hancock (V.P.-Gen. Counsel) Roger L. Kesseier (V.P.-Controller) Enrique C. Falla (V.P.-Fin.) Gerald W. Pearson (V.P.-Plastics) Joseph L. Downey (V.P.) Bernard B. Butcher (V.P.) Donald A. Rikard (V.P.) Gerald Hornsby (Dir.-Employee Rel.) W. A. Gay (Treas.) Herbert H. Dow (Sec.) Board of Directors: Paul F. Orefice Bernard B. Butcher Andrew J. Butler Herbert D. Doan Herbert H. Dow Enrique C. Falla Barbara H. Franklin Hunter W. Henry Robert M. Keil William N. Lipscomb, Jr. Keith R. McKennon Robert E. Naegele Frank P. Popoff Donald A. Rikard David L. Rooke Harold T. Shapiro David P. Sheetz Joseph G. Temple, Jr.		7175-001	
Major Manufacturing Divisions:	Eastern Div. (1) P.O. Box 36000 Strongsville, OH 44138 Tel.: 216-826-6000 E. A. Rozas (G.M.)		7175-002
Plants:	Allyn's Point Plant. (2) Gales Ferry, CT 06335 Tel.: 203-454-7211 Emp.: 170		7175-004
Dalton Plant (2) 1468 Prosser Dr., S.E. Dalton, GA 30720 Tel.: 404-277-3000 Emp.: 70		7175-005	
Findlay Plant (2) P.O. Box 708 Findlay, OH 45840			

THE DOW CHEMICAL COMPANY—(Continued)

Tel.: 419-423-6500 Emp: 200		Tel.: 713-878-2971 S.I.C.: 1521 G. O. McDaniel (G.M.)	Peter Fra Dons Wa
Hanging Rock Plant (2) Rte. 2 Box 253 Ironton, OH 45638 Tel.: 614-533-4000 Emp: 160	7175-006 Texize Div. of Dow Consumer Products, Inc. (1) 200 Executive Dr. Greenville, SC 29615 Mailing Address: P.O. Box 368 Greenville, SC 29602 Tel.: 803-287-3400 Approx. Sis.: \$253,000,000 Emp: 1,000 Mrs. Household Cleaning Prods. & Chemicals S.I.C.: 2841 Jack F. Mayer (Pres.)	7175-033 Sterling A. Soderlind (V.P.-Plng.) Dorothea Paisho (V.P.-Circulation) Leonard Doherty (Treas.) Peter G. Skinner (Sec. & Legal) Guy Nardo (Pur. Dir.) Lawrence A. Armour (Dir.- Corp. Relations) Angela Santoro (Assoc.- Corp. Relations) Tom Kull (Data Processing Dir.) Board of Directors: Warren H. Phillips William M. Agee Rand V. Araskog Bettina Bancroft Kilink William C. Cox, Jr. Davis W. Gregg Martha S. Griffiths Vernon E. Jordan, Jr. Donald A. Macdonald Rene C. McPherson Charles A. Meyer Robert S. Potter James Q. Riordan Vermont Royster Ray Shaw Richard D. Wood	Richard D. 1818 Rid Homewo Tel.: 312- Book Pul S.I.C.: 27 Robert A Irwin, Inc
Joliet Plant (2) P.O. Box 368 Joliet, IL 60434 Tel.: 815-423-5921 Emp: 100 S.I.C.: 2821	7175-007 Principal Owned Domestic Companies:	7175-023 Dorinco Reinsurance Co. (1) 2030 Dow Center Midland, MI 48640 Tel.: 517-836-0047 S.I.C.: 6331	Ottaway N P.O. Box Campbell Tel.: 914- Publisher S.I.C.: 27
Licking River Plant (2) 3700 Hebron Rd., S.E. Hebron, OH 43025 Tel.: 614-928-0410 Emp: 100	7175-008 Dow Corning Corp. (1) South Saginaw Midland, MI 48686 Mailing Address: P.O. Box 0994 Midland, MI 48686 Tel.: 517-456-4000 Silicones & High Purity Silicon, Molybdenum Disulfide Lubricants S.I.C.: 2891 J. S. Ludington (Chm. & Chief Exec. Officer) Lawrence A. Reed (Pres. & Chief Oper. Officer)	7175-025 (100%) (50%) (MI)	Affiliate: Continenta Pilot Hou Boston, M Tel.: 617- Emp: 3,0 Cable TV S.I.C.: 48 Amos Ho
Magnolia Plant (2) P.O. Box 520 Magnolia, AR 71753 Tel.: 501-235-2300 Emp: 100 S.I.C.: 2821; 2819	7175-009 Dow Corning Corp. (1) South Saginaw Midland, MI 48686 Mailing Address: P.O. Box 0994 Midland, MI 48686 Tel.: 517-456-4000 Silicones & High Purity Silicon, Molybdenum Disulfide Lubricants S.I.C.: 2891 J. S. Ludington (Chm. & Chief Exec. Officer) Lawrence A. Reed (Pres. & Chief Oper. Officer)	7175-025 (100%) (50%) (MI)	Affiliate: Continenta Pilot Hou Boston, M Tel.: 617- Emp: 3,0 Cable TV S.I.C.: 48 Amos Ho
Riverside Plant (2) P.O. Box 387 Pevely, MO 63070 Tel.: 314-479-7111 Emp: 100 Deraspan Insulating Panels, Styron Polystyrene Resins, Tyrl Styrene-Acrylonitrile Resins & Styrofoam S.I.C.: 2821	7175-010 Associated Companies:	7175-030 Dowell Schlumberger Inc. (1) 1155 N. Dawy Ashford Houston, TX 77079 Mailing Address: P.O. Box 4378 Houston, TX 77210 Tel.: 713-556-7700 Oil Well Stimulation & Cementing Services, Tools & Sand Control, EOR Indus. Chemical Cleaning Services S.I.C.: 1369	Publications & News Services: 7175-002 AP-Dow Jones Economic Report (1) 200 Liberty St. New York, NY 10281 Tel.: 212-416-2000 Distr. of Int. Business & Political News S.I.C.: 2711 William R. Clabby (Chief Oper. Officer)
Louisiana Div. (1) P.O. Box 150 Plaquemine, LA 70764 Tel.: 504-389-8000 Emp: 2,500 S.I.C.: 2821 J. R. Birdwell (G.M.)	7175-011 Dow Chemical U.S.A. (1) 2020 Dow Center Midland, MI 48640 Tel.: 517-636-3000 Sales Offices Located Throughout the U.S. H. W. Henry (Pres.)	7175-031 The Asian Wall Street Journal Weekly (1) 200 Liberty St. New York, NY 10281 Tel.: 212-416-2000 Steve Giordano (Gen. Business Mgr.) Jeremy Mark (Mng. Editor)	* DOWNEY & ASSOCIAT 3200 Bri Costa Mi Mailing A Costa Mi Tel.: 714- DSL—(N Assets: \$2 Liabilities: Net Worth: Approx. Re Savings & S.I.C.: 612 Maurice L G. H. McQ A. J. Morsi Randall F. Anne Bacc Gary R. St Robert D. I Gene Bout Thomas R. Nancy Guc Ron Holley John Olive Neal Swer William F. Richard L. Board of I Maurice Gerald F Benjamin Dr. Paul J. Arthur Donna H Dr. Schu
Michigan Div. (1) 47 Bldg. Midland, MI 48640 Tel.: 516-636-6400 Emp: 4,600 S.I.C.: 2821 Robert R. Bumb (G.M.)	7175-012 Subsidiaries:	7175-034 Admiral Equipment Co. (1) 307 W. North St. Akron, OH 44303 Tel.: 216-253-1353 Special Industrial Machinery S.I.C.: 3558 Art Pastor (Pres.)	Branches: Downey Se 101 E. Fo Arcadia, C Tel.: 818- Emp: 10 Savings & S.I.C.: 612 Barbara C
Oyster Creek Div. (1) P.O. Box 88 Freeport, TX 77541 Tel.: 713-986-9000 Emp: 400 S.I.C.: 2821 Louis Shelton (G.M.)	7175-013 Merrell Dow Pharmaceuticals, Inc. (1) 2110 E. Galbraith Rd. Cincinnati, OH 45215 Tel.: 513-948-9111 Emp: 1,200 Pharmaceutical Co. S.I.C.: 2834 D. B. Sharrock (Pres. & G.M.)	7175-032 The Dow Jones News Service (1) 200 Liberty St. New York, NY 10281 Tel.: 212-416-2000 Fin. News Wire S.I.C.: 2711 William R. Clabby (V.P.-Info. Services Grp. & Chief Oper. Officer)	7175-005 The National Business Employment Weekly (1) 420 Lexington Ave. New York, NY 10170 Tel.: 212-808-6800 Steve Giordano (Business Mgr.) Vasil J. Pappas (Editor)
Texas Div. (1) P.O. Drawer K Freeport, TX 77541 Tel.: 713-236-2011 Emp: 7,300 Bulk Chemicals, Process Research S.I.C.: 2821 H. H. McClure (G.M.)	7175-014 Dow Jones & Company, Inc. 200 Liberty St. New York, NY 10281 Tel.: 212-416-2000 DJ—(NYSE) Assets: \$1,176,697,000 Liabilities: \$576,497,000 Net Worth: \$600,200,000 Approx. Rev.: \$1,039,314,000 Fiscal Year-end: 12/31/85 News Publishing S.I.C.: 2711; 2721; 4899 Warren H. Phillips (Chm. Bd. & Chief Exec. Officer) Donald A. Macdonald (Vice Chm.) Ray Shaw (Pres. & Chief Oper. Officer) William L. Dunn (Exec. V.P.) Peter R. Kann (Exec. V.P.) Kenneth L. Burenga (Sr. V.P. & Chief Fin. Officer) Betty A. Duval (Sr. V.P.) Frederick G. Harris (Sr. V.P.) James H. Ottaway (Sr. V.P.) Frank C. Breese III (V.P.)	7175-034 The Wall Street Journal (1) 200 Liberty St. New York, NY 10281 Tel.: 212-416-2000 Newspaper S.I.C.: 2711 Norman Pearlstine (Mng. Editor) Robert L. Bartley (Editor)	7175-006 Downey Se 11350 E Centros, C Tel.: 213-4 Emp: 22 Savings & S.I.C.: 612 Lorraine V
Western Div. (1) P.O. Box 1398, Loveridge Rd. Pittsburg, CA 94565 Tel.: 415-432-5000 Emp: 400 S.I.C.: 2821 R. L. Dostal (G.M.)	7175-015 Principal Divisions:	7175-007 American Demographics, Inc. (1) P.O. Box 68 Ithaca, NY 14851 Tel.: 607-273-6343 Publishing of Demographic Info. S.I.C.: 2731	7175-001 Downey Se 935 West Claremont Tel.: 714-4 Emp: 7 Savings & S.I.C.: 612 Chuck Ole
Engineering & Construction Services Div. (1) P.O. Box 3387 Houston, TX 77001	7175-019	7175-008	7175-001

COMPANIES ALPHABETICALLY

DOW CHEMICAL CO* 851

Lomason Co*, Sec.

CONT- THOMALLA, HARRY A, b 1937; m; 1959-Miami Univ (OH), BS; 1959-1961 USN Lt Jg; 1961-1966 Peat Marwick Mitchell & Co, Staff Auditor; 1966-1975 US Broach & Machine Co, Cont; 1975-1979 Quanex Corp, Cont; 1979-1983 Stroh Brewery, Cont; 1983-present Douglas & Lomason Co*, Cont.

DIRECTORS: * Denotes officer who is director; other directors are; Ellis B Merry; Charles R Moon; James B Nicholson; Edward H Perkins Jr; G Maynard Smith; Gary T Walther.

D-U-N-S 00-321-3030
DOUGLAS BATTERY MFG CO*

500 Battery Dr
Winston-Salem, NC 27107

SC3691 5013 5085 TEL (919) 788-7561

Mnfr & Whl Automotive & Industrial Batteries

PR- DOUGLAS, G W JR, b 1924; s; 1949-present Douglas Battery Mfg Co*, Asst Prd Mgr, 1971 Pr, then Pr Tr, now Pr Asst Tr; Dir.

EX VP SEC- DOUGLAS, THOMAS S III, b 1937; m; 1958-Davidson Coll; 1958-1962 Army; 1962-present Douglas Battery Mfg Co*, VP Sec, Ex VP Sec, then Ex VP Sec Mfg Dt Pr, now Ex VP Sec Mfg; Dir.

VP- DOUGLAS, J W, b 1951; m; 1974-present Douglas Battery Mfg Co*, VP, now VP Prs Pur.

DIRECTORS: * Denotes directors.

OTHER OFFICERS:

David Boden, VP; Phillip W Martin, Tr.

D-U-N-S 00-324-5271

DOVER CORP

277 Park Ave

New York, NY 10172

SC3534 3533 3494 3586 3541 3531 TEL (212) 826-7160
Mnfr Elevators Automotive Lifts Oil Field Machinery & Equipment Valves Pipe Joints Fittings Nozzles Pumps Automatic Screw Machines Automotive Wreckers Filters Strainer Cooking Vessels Welding Guns Piston Rings Rod Packings Flow Meters Specialized Bearings Industrial Heat Exchangers & Automated Assembly Equipment For Electronic Circuitry

CH BD*- SUTTON, THOMAS C, b 1921; m; 1948-University of Cincinnati, BBA; 1942-1946 USAAF Maj; 1951-1961 OPW Corp (1961 acq by Dover Corp), Pr; 1961-present Dover Corp, 1961 VP, 1963 Ex VP, 1964 Pr CEO & Mem E C, 1971 Ch Bd CEO, then Ch Bd Pr, now Ch Bd; Dir.

PR CEO*- ROUBOS, GARY L, b 1936; m; 1959-University of Colo, BSChE; 1963-Harvard Univ, MBA; 1959-1961 Army 1 Lt; 1963-1971 Boise Cascade Corp; 1971-1975 Dieterich Standard Corp (1975 acq by Dover Corp), Pr; 1976-present Dover Corp, 1976 Ex VP, 1977 Pr, 1981 Pr CEO; Dir.

VP- FARRELL, RICHARD T, 1953-present Dover Corp, 1972 VP Sls Rotary Lift Div, 1976 Pr Rotary Lift Div, now VP.

VP- KATA, EDWARD J, b 1941; m; 1963-Fordham Univ, BA; 1972-Long Island Univ, MBA; 1963-1972 Olin Corp; 1972-1981 Indian Head Inc, Dir Corp Dev; 1981-present Dover Corp, VP.

VP TR- MCNIFF, JOHN, b 1942; m; Princeton Univ, BA; Stanford Univ Sch of Business, MBA; 1965-1969 Celanese Corp; 1969-1983 Allen Group Inc, Sr VP; 1983-present Dover Corp, VP Tr.

SEC- LAPORTE, CLOYD JR, b 1925; m; 1946-Harvard Univ, BA; 1949-Harvard Univ, JD; 1943-1946 USAAC 2 Lt; prior 1966 Olin Corp; 1966-present Dover Corp, 1966 Lgl Counsel, 1971 Sec.

CONT- SUESSER, ALFRED, b 1932; m; 1957-Adelphi Univ, BBA; 1969-Fordham Univ Law Sch, JD; 1951-1953 USMC; 1957-1962 Peat Marwick Mitchell & Co; 1962-present Dover Corp, 1968 Asst Tr, 1973 Cont.

DIRECTORS: * Denotes officer who is director; other directors are; Magalen O Bryant; Michael C Devas; Floyd H Lawson; George L Ohmstrom Jr; Ricard R Ohmstrom; Anthony J Ormsby; David G Thomas.

OTHER OFFICERS:

John B Apple, VP; Edwin L Bechtold, VP; James L Benke, VP; Lewis H Burns, VP; Robert C Carl, VP; Thomas H Cross, VP; A Patrick Cunningham, VP; Don W Humphreys, VP; C Burch Johnson, VP; Walter G

Lock, VP; William J Petter, VP; Thomas L Reece, VP; William D Rogerson, VP; Harmon L Ruliffson, VP; Thomas S Spangrud, VP.

D-U-N-S 06-068-5393

DOVERSPIKE BROTHERS COAL CO*

(Company of STANFORD ENERGY CO)

RD 4

Punxsutawney, PA 15767

SIC 1211

Coal Mining

PR- DOVERSPIKE, DENNIS, b 1947; m; 1968-present Doverspike Brothers Coal Co*, 1975 VP, 1982 Pr.

VP- DOVERSPIKE, GARY C, b 1947; 1969-Pennsylvania State Univ, BS; 1969-1973 USN Lt; yrs to present Doverspike Brothers Coal Co*, 1975 Tr Asst Sec, now VP.

DIRECTORS: * Denotes officer who is director; other directors are; Alexander R Boyd, Ch Bd VP Sec; Thetford H Callahan, Asst Sec.

OTHER OFFICERS:

Richard L Boden.

D-U-N-S 00-138-1581

DOW CHEMICAL CO*

2030 Willard H Dow Center

Midland, MI 48674

SIC 2869-2819 2821 2834 2831 2833 TEL (517) 636-1000

Mnfr Industrial Inorganic & Organic Chemicals Plastics Pharmaceutical Preparations Biological Products Medicinal Chemicals Botanical Products & Consumer Products

CH BD*- LUNDEEN, ROBERT W, 1942-Oregon State Univ, BSChE; 1943-1945 USAAC; 1946-present Dow Chemical Co*, 1946 Rsch & Dev Engr Pittsburg CA, 1956 Mgr Ping Western Div, 1961 Staff Dow Chem Intl Ltd SA, 1963 Dir Business Dev, 1966 Pr Dow Chem Pacific Ltd, 1978 Pr Dow Chem Latin America, 1978 Ex VP, 1982 Ch Bd; Dir; also Dir Compagnie des Services, Dowell Schlumberger & Chemical Bk & Tr Co, Midland MI.

PR CEO*- OREFFICE, P F, b 1927; m; 1949-Purdue Univ, BSChE; 1951-1953 Army; 1953-present Dow Chemical Co*, 1963 Coml Dir Dow Unquinesa SA Bilbao Spain, 1965 Genl Mgr Dow Chem Latin America, 1969 Dir Fin Svcs Dow Chemical Co*, 1970 VP Fin, 1972 also Member Ex Committee, 1975 Pr Dow Chem USA, 1978 Ch E C Pr CEO, now Pr CEO; Dir; also Dir Dow Corning Corp, CIGNA Corp & Northern Telecom Ltd.

EX VP*- HENRY, HUNTER W, 1950-Mississippi State Univ, BS; 1951-present Dow Chemical Co*, 1964 Dir Mfg Dow Intl, 1966 Dir Ops Dow Chem Latin America, then Business Dev Mgr, 1973 VP Dow Badische, 1976 Mgr Organic Chem Dept Dow Chem USA, Mgr Dow MI Div, 1977 Pr Dow Quimica SA Brazil, 1982 VP & Pr Dow Chem USA, 1983 Ex VP; Dir; also Dir Dow Corning Corp, American Industrial Health Council, National Assn of Manufacturers, Dowell Schlumberger & Comerica Bk, Midland.

EX VP*- POPOFF, FRANK P, 1957-Indiana Univ, AB; 1959-Indiana Univ, MBA; 1959-present Dow Chemical Co*, Mktg & Business Mgt, 1976 Mktg Mgr Dow Europe, 1977 VP Mktg & Sls Dow Europe, 1978 Coml VP Dow Europe, 1980 Ex VP Dow Europe, 1981 Pr Dow Europe, 1984 VP, 1985 Ex VP; Dir; also Dir Dowell Schlumberger Corp, Gruppo Lepetit Spa & Dow Financial Svcs Corp; Ch Dow Banking Corp.

EX VP*- TEMPLE, JOSEPH G JR, b 1929; 1951-Purdue Univ, BSChE; 1951-present Dow Chemical Co*, 1954 Field Salesman Plastics Mktg Boston, Pdt Sls Mgr Midland, Plastics District Sls Mgr Camden, 1964 Pdt Gp Sls Mgr Midland, 1965 Business Mgr Polyolefins, 1967 Sls Mgr Plastic Dept, 1970 Genl Mgr, 1973 Genl Mgr Dow Chem USA MI Div, 1976 VP & Member Optg Bd Dow Chem USA, 1978 Pr Dow Chem Latin America SA, 1980 Gp VP, 1981 Pr Merrill Dow Pharmaceuticals Inc, 1983 Ex VP; Dir; also Dir Chemical Bk & Tr Co, Midland.

EX VP*- KEIL, ROBERT M, Syracuse Univ, BSE; 1952-present Dow Chemical Co*, Metal Salesman, then Pdt Mgr Magnesium Mill Pdts Sls, 1962 Mgr Cnstr Mtlis Sls Plastics Dept, 1964 Dir Mktg Consumer Pdts Dept, 1967 Dir Sls Pharms Agr & Consumer Pdts, 1968 Asst to Dir Mktg Dow Chem USA, 1969 Genl Mgr Packaging, 1971 also Genl Mgr Consumer Pdts Dept, 1973 Genl Mgr Olefin Plastics Dept Dow Chem USA, 1976 VP Plastics Consumer Goods & Svcs, 1978 VP Mktg & Consumer Goods & Svcs, 1979 Ex VP Dow Chem

USA, 1980 VP Fin, 1981 Ch F C VP Fin, 1982 Ex VP, now Ex VP Fin; Dir; also Dir Dow Corning Corp, Dowell Schlumberger & Comerica Bk, Midland.

SR VP*- ROOKE, DAVID L, 1944-Rice Univ, BS; 1944-1946 USN; 1946-present Dow Chemical Co*, 1946 Indust RI Plng Distrn & Mfg TX Div, 1968 Div Genl Mgr, 1973 VP Sup & Distrn Dow USA, then Oil & Gas Dowell Divs, 1977 VP Ops Dow USA, 1978 VP & Pr Dow Chem USA, 1983 Sr VP; Dir; also Dir Dow Corning Corp & Comerica Bk, Midland.

VP*- RIKARD, DONALD A, b 1928; m; 1950-Texas A & M Univ, BS; 1946-1947 Army; 1950-present Dow Chemical Co*, TX Div, 1978 VP Dir U S Area Dow Chem USA, 1982 VP; Dir.

VP*- SHEETZ, DAVID P, m; 1948-Lebanon Valley Coll, BS; 1951-University of NE, MS; 1952-University of NE, PhD; 1952-present Dow Chemical Co*, Rsch Chemist, 1956 Project Leader, 1959 Gp Leader, 1965 Asst Dir Edgar C Britton Rsch Laboratory, 1966 Dir Edgar C Britton Rsch Laboratory, 1967 Asst Dir Midland Div Rsch & Dev, 1971 Dir MI Div Rsch & Dev, 1978 Tech Dir Dow Chem USA, 1980 VP & Dir Rsch & Dev, now VP; Dir.

VP*- FALLA, ENRIQUE C, University of Miami, BS; University of Miami, MA; 1967-present Dow Chemical Co*, 1969 Crdt Mgr Coral Gables, 1971 Area Tr Dow Chem Latin America, 1973 Rgnl Genl Mgr Mexico, 1975 Dir Admn Coral Gables, 1978 Area Dir Business Dev, 1979 Coml VP Dow Chem Latin America, 1980 Pr Dow Chem Latin America, 1984 VP Fin; Dir.

VP- BLAIR, ETCYL H, b 1922; m; 1947-Southwestern Coll, AB; 1949-Kansas State Coll, MS; 1952-Kansas State Coll, PhD; 1943-1946 Army; 1951-present Dow Chemical Co*, 1966 Asst Dir Edgar C Britton Rsch Laboratory, 1967 Dir Edgar C Britton Rsch Laboratory, 1968 Mgr Rsch & Dev Agr Pds Dept, 1971 Dir Agr Organics Rsch & Dev, Rsch Chemist, 1973 Dir Health Environmental Rsch Dow Chemical USA, 1978 VP Health Environmental Sciences.

VP- SOSA, ENRIQUE J, 1961-University of FL, BS; 1962-University of FL, MS; 1964-University of FL, PhD; 1964-present Dow Chemical Co*, 1970 District Sls Mgr, Agr Pds Dow Chem Latin America, 1971 Sls Mgr Plastics Columbia, 1972 Business Mgr Agr Pds Latin America, 1974 Genl Mgr Venezuela Reg, 1977 Genl Mgr Mexico Reg, 1979 Business Mgr Plastics USA, 1982 Genl Mgr Dow Chem Brazil, 1984 Pr Dow Chem Brazil, 1985 Corp Coml VP.

VP- STAVROPOULOS, WILLIAM S, Fordham Univ, BS; University of WA, PhD; 1967-present Dow Chemical Co*, Rsch Chemist, 1973 Rsch Mgr Diagnostics Pdt Rsch, 1976 Business Mgr, 1977 Business Mgr Polyolefins, 1979 Dir Mktg Plastics Dept, 1980 Coml VP Dow Chem Latin America, 1984 Pr Dow Chem Latin America, 1985 Corp Coml VP.

VP CONT- KESSELER, ROGER L, b 1937; m; 1958-Central MI Univ; 1959-present Dow Chemical Co*, Accountant, 1979 Mgr Ops Analysis & Consolidation Cont Office, 1981 Cont, 1984 VP Cont.

VP GENL COUNSEL- HANCOCK, WAYNE M, 1953-Brigham Young Univ, BS; 1956-University of AZ, JD; USAF; 1967-present Dow Chemical Co*, 1971 Dir Labor RI & Safety, 1973 Dir Prs RI, 1977 Dir Lgl Prs & Administrative Affairs Dow Europe, 1979 VP Dow Europe Italian Reg & Mng Dir Gruppo Lepetit SpA & Dow Chemical SpA, 1981 Genl Counsel, 1985 VP Genl Counsel.

GP VP*- MCKENNON, KEITH R, b 1933; m; 1955-Oregon State Univ, BS; 1955-present Dow Chemical Co*, 1969 Business Mgr Dow Chem USA, 1976 Dir Govt RI Public Issues Dow Chem USA Styrene Olefin Plastics Dept, 1977 Dir Public Issues Dow Chem USA, 1978 Corp Dir Public Affairs, 1980 VP Govt Public Affairs, 1983 Gp VP; Dir; also Dir Chemical Bk & Tr Co, Midland MI & Dowell Schlumberger.

GP VP*- NAEGELE, ROBERT E, Marquette Univ, BS; Marquette Univ, MS; prior 1951 Marquette Univ, Chemistry Instructor; St Louis Univ, Chemistry Instructor; 1951-present Dow Chemical Co*, 1951 Tech Salesman Midland, then Field Salesman St Louis & Denver, 1959 Pdt Sls Mgr Oxides & Derivatives Midland, 1964 Mgr Special Chem Sls, 1966 Head Oxides & Derivatives Business, 1967 Head Organic Chems Dept, 1968 Mgr Agr Pds Dept, 1971 Mgr Agr Organics Dept, 1980 Gp VP, 1984 Gp VP Coml Dev; Dir; also Dir Dow Chemical Canada Inc & Sovereign Oil & Gas PLC.

SEC*- DOW, HERBERT H, b 1927; m; 1952-Massachusetts Inst of Tech, BS; 1952-present Dow Chemical Co*, 1964 Sec Ex Committee, 1968 Sec; Dir; also Dir National Bk of Detroit & NBD Bancorp Inc.

TR- GAY, WILSON A, b 1928; m; 1952-Michigan State Univ, BA; USN Lcdr; 1947-1948 & 1957-present Dow Chemical Co*, 1947 MI Div Midland MI, 1964 Crdt Mgr, 1967 Staff Asst Treasury Dept, 1969 Asst Tr, 1976 Tr; also Dir Doranco Reinsurance Co* Dorintal Reinsurance Ltd, Dow Financial Services Corp, Bank Mendes Gras NV, Amsterdam The Netherlands & Chemical Bk & Tr Co, Midland; Pr

DCS Capital Corp.

DIRECTORS: * Denotes officer who is director; other directors are; Andrew J Butler; Herbert D Doan; Barbara H Franklin; William N Lipscomb Jr; Paul W McCracken; G James Williams.

OTHER OFFICERS:

Bernard B Butcher, VP; Joseph L Downey, VP.

D-U-N-S 00-535-3487

DOW CORNING CORP

2200 W Salzburg Rd

Midland, MI 48640

SIC 2821 2819 2869 2992 2891

TEL (517) 496-4000

Mnfr Silicone Chemicals Lubricating Oils Greases & Sealants

CH BD CEO*- LUDINGTON, J S, b 1928; m; 1951-Albion Coll, BA; 1968-Harvard Univ; 1951-1953 Army; 1951-present Dow Corning Corp, 1963 Dir Indust RI, 1971 VP, 1972 Pr COO, 1975 Pr CEO, now Ch Bd CEO; Dir.

PR COO*- REED, L A, b 1939; m; 1961-University of MN, BSChE; 1962-Northwestern Univ, MSChE; 1969-Central MI Univ, MBA; 1962-1964 USN; 1960-1961 University of MN, Rsch Asst; 1964-present Dow Corning Corp, 1964 Chem Engr Process Engg & Evaluation, 1966 Project Evaluation & Steering Committee, 1967 Staff Specialist Process Evaluation Section Process Engg & Evaluation, 1968 Economic Evaluation Engg & Mfg, 1978 CFO VP Cont, 1981 Ex VP Business, now Pr COO; Dir.

CFO VP- STEINHOFF, E, b 1934; m; 1956-Purdue Univ, BS; 1956-present Dow Corning Corp, 1956 Staff Engr, 1962 Project Leader, 1963 Supervisor Polymer Dev, 1966 Section Mgr Process Evaluation, 1968 Staff Mgr Corp Plng, 1971 Business Mgr Basic Business, 1974 Genl Mgr Latin America Area, 1980 Corp VP Prs Com, 1984 VP Mfg Engg, 1985 CFO VP.

EX VP- VIDAL, R E, b 1927; m; 1951-Case Inst of Tech, BS; 1970-Harvard Univ Business Sch; 1965 Dow Corning Silicones Ltd, 1965 VP Genl Mgr; 1951-present Dow Corning Corp, 1951 Training, 1952 Salesman, 1955 Asst Mgr Leather Industry Sls, 1957 Mgr Resin Sls, 1961 Mgr Greensboro Ops, 1962 Mktg Mgr Consumer Pds Div, 1967 Mgr Inter-America Area, 1971 Business Mgr Lubricants, 1974 Business Mgr Encapsulants & Sealants, 1975 Corp VP Genl Mgr Elastomers Business, 1981 Corp VP & Area Pr Europe, VP, 1984 Ex VP.

VP*- HARGREAVES, W J, b 1921; m; 1946-Michigan State Univ, BSChE; 1966-Harvard Univ; 1943-1946 USN; 1946-present Dow Corning Corp, 1960 Mgr Indust RI, 1963 Dir Plng, 1965 Plant Mgr Elizabethtown KY, 1967 Genl Mgr Engg Pds Div, 1969 Dir Engg & Mfg, 1971 Mgr European Area, 1973 Corp VP Mgr European Area, 1974 Gp VP Ops, 1977 Ex VP, now VP; Dir.

VP- GRIFFIN, J L, b 1926; m; 1952-University of MI, BS; 1952-University of MI, MS; 1943-1949 USN; 1952-present Dow Corning Corp, 1969 Dept Dir, 1972 Cont, 1973 Tr Cont, 1974 VP Tr Cont, 1974 VP Fin, 1977 VP Tr, 1981 VP Auditor.

VP- SNEDEKER, J P, b 1938; m; 1960-Central MI Univ, BS; 1960-present Dow Corning Corp, 1977 Business Mktg Mgr Resins & Chem; 1979 Dir TS & D, 1981 Genl Mgr Elastomers Business, 1984 VP.

VP- CAMPBELL, J K, b 1939; m; 1960-University of KS, BSChE; 1977-Massachusetts Inst of Tech, MBA; 1960-present Dow Corning Corp, 1960 Pdt Engr, 1963 Dev Engr, 1965 Gp Supervisor Fiber Coatings, 1969 Prs Coord Rsch & Dev, 1970 Mgr New Projects Rsch, 1974 Dir European Area, 1977 Dir TS & D, 1979 Genl Mgr F & L, 1981 Corp VP Genl Mgr F R P I, 1984 VP Prs Comm Pb Affairs.

VP- GERGLE, R C, b 1931; m; 1954-South Dakota Sch of Mines, BSChE; 1954-present Dow Corning Corp, 1976 Business Mgr Resins & Chem, 1979 VP Europe & Dir Business, 1980 Area Pr Inter-American, 1984 VP Corp Business Dev.

VP- STAHL, R E, b 1937; m; 1960-University of MI, BS; 1960-University of MI, MS; 1960-present Dow Corning Corp, 1977 Dir Mktg Europe, 1978 VP & Dir Mktg Europe, 1981 Area Pr Canada, 1982 USA VP Mktg & Sls, 1984 VP Mktg.

VP- WEYENBERG, D R, b 1930; m; 1958-Pennsylvania State Univ, PhD; University of NE; 1951-present Dow Corning Corp, 1970 Dir Silicones Rsch, 1971 Business Mgr Resins & Chems, 1974 Business Mgr Biosci & New Ventures, 1977 Dir Rsch, then VP Rsch Dev Engg & Tech Svcs, now VP Rsch & Dev.

VP- BOEHM, A B, b 1931; m; 1954-Cornell Univ, BSME; 1963-University of MI, MBA; 1954-1956 Army; 1956-present Dow Corning Corp, 1956 Pdt Engg Trainee, 1956 Mechanical Engr Silicone

COMPANIES ALPHABETICALLY

Rubber Laboratory, 1959 Staff Member Silicone Rubber Sls, 1961 Indust Salesman, 1963 Market & Pdt Dev Supervisor Elec Mtl, 1965 Field Sls Mgr, 1966 Pdt Supervisor European Opers & Sls Mgr Germany European Opers, 1969 Sls Mgr European Opers, 1970 Pdt Mktg Mgr R & C Pdt Mktg, 1972 Business Mgr Rubber, 1975 Business Mgr F & L, then Genl Mgr F & L, 1976 Corp VP Genl Mgr F & L, 1979 Corp VP Genl Mgr Health Care Business Gp, 1981 Corp VP & Pr Dow Corning USA, 1984 VP & Pr Europe Area.

VP SEC GENL COUNSEL- JENKINS, JAMES R, b 1945; m; 1967-University of MI; 1973-University of MI, JD; 1968-1970 Army; 1971-1973 Koster & Bullard, Ann Arbor MI, Law Clk; 1973-1974 Illinois State Appellate Court, Hon Glenn Seidenfeld, Law Clk; 1974-1975 State Appellate Defender Office, Detroit MI, Asst Defender; 1975-1976 Federal Defenders Office, Detroit MI, Deputy Defender; 1976-present Dow Corning Corp, 1976 Staff Attorney, 1978 Sr Attorney, 1981 Mgt Counsel, 1982 Sec Genl Counsel, 1984 VP Sec Genl Counsel.

VP MGR- JOHNSON, R L, b 1929; m; 1952-Iowa State Univ, BS; 1958-University of MI, MS; 1946-1948 Army; 1952-present Dow Corning Corp, 1969 Dept Mgr, 1972 Mgr Tech Center, 1974 Mgr PE & E, 1975 Mgr F & L Mfg, 1977 Dir Mfg & Engg, 1978 VP Mfg & Engg, 1981 VP Genl Mgr Basic Mtls Business.

TR- BROSER, H, b 1941; m; 1963-MacMurray Coll, BS; 1966-1969 Army; 1964-1965 Kinco Instrument, Div Mgr; 1965-1966 Fisher Science, Techl Representative; 1969-present Dow Corning Corp, 1976 Business Dev Mgr Europe, 1978 Rgnl Sls Mgr Europe, 1981 VP Mktg Europe, 1984 Tr.

CONT- SPRINGMIER, R S, b 1928; m; 1950-Purdue Univ, BS; 1955-University of MI, MS; 1950-1953 USN; 1955-present Dow Corning Corp, 1969 Business Mgr, 1970 Dept Mgr, 1978 Dir Ping, 1983 Corp Cont.

DIRECTORS: * Denotes officer who is director; other directors are; Y C Campbell; H D Doan; J L Flynn; H W Henry; A Houghton Jr; J R Houghton; R M Keil; T C MacAvoy; R R Maneri; P F Orefice; D L Roake.

OTHER OFFICERS:
R A Hazleton; L E Kotter.

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DOW JONES & CO INC

22 Cortlandt St

New York, NY 10007

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Publishes Domestic & Foreign Business Newspapers & General Interest Newspapers & Books & Financial News Services

CH CEO- PHILLIPS, WARREN H, b 1926; m; 1947-Queens Coll, BA; 1973-University of Portland; 1982-Pace Univ; 1943-1945 Army; 1947-present Dow Jones & Co Inc, 1950 Bureau Chief London WSJ, 1951 Foreign Ed NY, 1953 Page One Ed, 1954 Ed Mid West Edition Chicago, 1957 Mng Ed Wall Street Journal, 1965 Ex Ed Dow Jones Pub, 1970 VP Genl Mgr, 1971 VP Genl Mgr Editorial Dir, 1972 Ex VP, then Pr, 1975 Pr CEO, 1978 Ch Bd, 1979 Ch CEO; Dir; also Trst Beekman Downtown Hospital; Dir American Newspaper Pubs Assn & Pulitzer Prize Bd.

Y CH B- MACDONALD, DONALD A, b 1919; m; 1948-New York Univ, BS; 1950-New York Univ, MBA; 1942-1946 Army Capt; 1946-1952 Olson Electric Inc, Genl Mgr; 1953-present Dow Jones & Co Inc, 1953 WSJ Advt Sls Rep, 1955 Mgr New England & Canadian Territory, 1958 Eastern Edition Advt Mgr, 1961 Ex Advt Mgr, 1963 Advt Dir Dow Jones Pub, 1970 VP Advt Sls, 1972 Sr VP, 1979 V Ch B, 1980 Pr/Publ Intl Gp & Magazine Gp, now V Ch B; Dir; also Dir Advt Counsel Advt Hall of Fame, Amer Advt Federation; Pt International & Mag Gps.

PR COO- SHAW, RAY, b 1934; m; 1957 Associated Press, 1958 NY New Features Ed; 1972 Dow Jones-Bunker Ramo News Retrieval Services Inc, Ch Bd; 1960-present Dow Jones & Co Inc, 1963 Mng Ed Southwest Edition, 1966 Mng Ed Associated Press-Dow Jones, 1971 Asst Genl Mgr, 1972 Dir Dev, 1973 VP Dev, 1975 VP Genl Mgr, 1977 Ex VP, 1979 Pr COO; Dir; also Dir Ottaway Newspapers Inc, Extel Corp, & Far Eastern Econ Review (Hong Kong).

SR VP- FLYNN, GEORGE W, b 1923; m; 1943-1956 Illinois Publishing Co, Mech Superintendent; 1956-present Dow Jones & Co Inc, 1956 Asst Prd Mgr Southwest Edition Chicago, 1958 Prd Mgr WSJ Midwest Edition, 1963 National Prd Mgr NY, 1966 Business Mgr, 1970 VP Opers, 1975 VP Ping & Dev, 1977 VP Dev, 1979 Sr VP; also Pr Affiliated Cos Gp.

SR VP- HARRIS, FREDERICK G, b 1922; m; 1948-Ohio State Univ, BS; 1942-1945 Army; 1948-1956 Lybrand Ross Bros & Montgomery, Accountant; 1971 Dow Jones-Bunker Ramo News Retrieval Services Inc, 1971 VP Tr; 1956-present Dow Jones & Co Inc, 1956 Chief Accountant, 1962 Asst Tr Asst Comp, 1970 Comp Asst Sec, 1976 VP Comp, 1977 VP Fin, now Sr VP.

VP- CONY, EDWARD R, b 1923; m; 1948-Reed Coll, BA; 1951-Stanford Univ, MA; 1943-1946 Army; 1951-1952 The Oregonian, Reporter; 1952-1953 Free-Lance Writer Mag Articles; 1953-present Dow Jones & Co Inc, 1953 Reporter WSJ, 1955 Bureau Mgr, 1957 Mgr Southwest Ed, 1959 News Ed, 1965 Mng Ed Wall Street Journal, 1970 Ex Ed Dow Jones Pub & News Svcs, 1972 VP, 1977 VP News; also Pr Dow Jones Publishing Co (Asia) Inc; Dir Ottaway Newspapers Inc.

VP- FAULK, W GILBERT, b 1943; m; 1965-Hampden-Sydney Coll, BA; 1968-Washington & Lee Univ, LLB; 1968-present Dow Jones & Co Inc, Labor RI Attorney, 1970 Labor RI Mgr & House Counsel, 1977 VP Lgl.

VP- SODERLIND, STERLING E, b 1926; m; 1950-Montana State Coll, BA; 1944-1946 USN; 1952 Minneapolis Tribune, Reporter; 1955-present Dow Jones & Co Inc, 1955 Reporter, 1970 Mng Ed Wall Street Journal, 1975 Asst to Pr, 1977 VP Ping; also Dir Richard D Irwin Inc.

VP COMP- ROCHE, KEVIN J, b 1935; m; 1962-Merrimack Coll, BS; 1962-present Dow Jones & Co Inc, 1977 Comp, now VP Comp.

VP MGR- DUNN, WILLIAM L, b 1936; m; 1961-Drake Univ, BA; 1953-1961 Des Moines Register & Tribune; 1961-present Dow Jones & Co Inc, 1961 Prd Asst, 1965 Prd Mgr, 1968 National Prd Mgr, 1972 Business Mgr, 1975 VP Business Mgr, 1977 VP Genl Mgr, 1980 Pr/Publ Information Svcs Gp & Pr Optg Svcs Gp, now VP Mgr.

SEC GENL COUNSEL- POTTER, ROBERT S, b 1920; m; 1942-Harvard Univ, AB; 1948-University of VA, LLB; Attorney; 1951-present Patterson Belkap & Webb, New York NY, Pt; 1976-present Dow Jones & Co Inc, Sec Genl Counsel; Dir.

TR- DOHERTY, LEONARD E, b 1940; m; 1962-Merrimack Coll, BS; 1962-present Dow Jones & Co Inc, 1981 Asst to VP Fin, 1982 Tr.

DIRECTORS: * Denotes officer who is director; other directors are; William M Agee; Rand V Araskog; Jane B Cook; William C Cox Jr; Davis W Gregg; Martha S Griffiths; Vernon E Jordan Jr; Battina Bancroft Klink; Rene D McPherson; Charles A Meyer; James Q Riordan; Vermont Royster; Richard D Wood.

OTHER OFFICERS:

Frank C Breese III, VP; Kenneth Burenga, VP; Betty A Duval, VP; Bernard T Flanagan, VP; Peter R Kann, VP Assoc Pub; James H Ottaway Jr, VP; Robert A Schmitz, VP.

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DOWLING BAG CO*

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SIC 2393 2643

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TEL (912) 244-0133

CH BD SEC- DOWLING, JAMES L SR, b 1905; m; 1933-1945 Southern States Bag Co; 1945-present Dowling Bag Co*, Ch Bd Sec; Dir.

PR TR- DOWLING, JAMES L JR, b 1937; m; University of GA; 1958-present Dowling Bag Co*, Pr Tr; Dir.

EX VP- MATURI, ROBERT J, b 1922; m; 1943-1959 Midwest Bag Co; 1959-present Dowling Bag Co*, Ex VP; Dir.

VP- COOGAN, E WILLIAM, b 1943; m; 1971-LaSalle Univ, BS; 1971-1978 Waverly Mineral Products; 1978-present Dowling Bag Co*, VP; Dir.

VP- DASHER, HOWARD JR, b 1927; m; 1944-University of GA; 1947-1968 Howard Dasher Pecan Co, Pt; yrs to present Dowling Bag Co*, VP; Dir.

VP- DRUMHELLER, M A, b 1947; m; 1968-present Dowling Bag Co*, 1981 VP; Dir.

DIRECTORS: * Denotes directors.

Donaldson Company, Inc.**National Directory of****CORPORATE PUBLIC AFFAIRS****Corporate Foundation / Contributions:**

The Donaldson Foundation • Box 1299, Minneapolis, MN 55440
Tel. (612) 887-3007

Preference: giving centered on the Minneapolis region. Primary interests: education, art and culture, health and welfare programs. Guidelines are available.

Annual Grant Total: \$200,000 - \$300,000
Assets: \$542,000 (1982)

Public Affairs and Related Activities Personnel:**At Main Office:**

ANDBERG, Ernest, Treasurer
(612) 887-3131

Responsibilities include public relations.

At Other Offices:

VODOVNIT, Raymond F., Corporate Secretary
Box 1299 Minneapolis, MN 55440
(612) 887-3007

Serves as contact person for The Donaldson Foundation.

Donaldson, Lufkin and Jenrette, Inc.

An investment and asset management firm.

140 Broadway, New York, NY 10005 Tel. (212) 504-3000

Political Action Committee:

Donaldson, Lufkin and Jenrette Better Government Fund • 140 Broadway,
New York, NY 10005 Tel. (212) 504-3000

Gave to 31 Democrats (\$33,593) and 17 Republicans (\$18,250). Principal recipients: Presidential -- John Glenn (D), \$1,500; Ernest Hollings (D), \$1,000; Walter Mondale (D), \$250. Senate -- Kent Hance (D-TX), \$4,000; Alfonse D'Amato (R-NY), \$3,000; Walter Huddleston (D-KY), \$2,500. House -- B.F. Anthony, Jr. (D-AR), \$2,000; F.J. St Germain (D-RI), \$3,500; J. Alex McMillan III (R-NC), \$3,000.

Funds Received: \$79,971 Contributed to Candidates: \$51,843 (1/83-12/84)

Corporate Foundation / Contributions:

Donaldson, Lufkin and Jenrette Foundation • 140 Broadway, New York, NY 10005
Tel. (212) 504-3279

Primary interests: matches employee donations to educational institutions.

Annual Grant Total: Under \$100,000

Public Affairs and Related Activities Personnel:**At Main Office:**

CONROY, Catherine M., V. President, Corporate Communications
(212) 504-3275

RADIGAN, John R., Senior V. President
(212) 504-3279

Serves as principal contact for Donaldson, Lufkin and Jenrette Foundation.

Donnelley and Sons Co., R. R.

A commercial printing company.

2223 King Drive, Chicago, IL 60616 Tel. (312) 326-8000

Political Action Committee:

R. R. Donnelley and Sons Co. PAC • 2223 King Drive, Chicago, IL 60616
Tel. (312) 326-8033

Gave to 7 Democrats (\$2,550) and 37 Republicans (\$32,800). Principal recipients: Senate -- Charles Percy (R-IL), \$5,500; Roger Jepsen (R-IA), \$2,000; Thad Cochran (R-MS), \$1,000; Jack Lousma (R-MI), \$1,000. House -- Robert Michel (R-IL), \$2,000; Carroll Campbell, Jr. (R-SC), \$1,500; John Myers (R-IN), \$1,000.

Funds Received: \$52,499 Contributed to Candidates: \$35,350 (1/83-12/84)

Corporate Foundation / Contributions:

Donnelley and Sons Corporate Contributions Program • 2223 King Drive, Chicago,
IL 60616 Tel. (312) 326-8033

Preference: groups serving the communities where the company is located--CT, IN, IL, TN, CA, OH, KY, PA, VA, SC. Primary interests: education, social welfare, health, the arts and public policy groups.

Annual Grant Total: \$1,000,000 - \$2,000,000

Public Affairs and Related Activities Personnel:**At Main Office:**

DUNNE, Diane, Manager, Communications
(312) 326-8418

MCLAUGHLIN, Martin J., Manager, Public Affairs
(312) 326-8408

RATCLIFFE, James M., Director, Public Affairs
(312) 326-8033

Serves also as Treasurer, R. R. Donnelley and Sons Co. PAC and as the contact person for the corporate contributions program.

SAWDEY, Richard M., Secretary, Investor Relations
(312) 326-8000

Dover Corp.

A diversified manufacturer of elevators, oil field equipment and other machinery and parts.

277 Park Ave., New York, NY 10172 Tel. (212) 826-7160

Corporate Foundation / Contributions:

Dover Corp. Contributions Program • 277 Park Ave., New York, NY 10172
Tel. (212) 826-7160

Preference: national organizations; local giving is handled by Dover Corp. divisions in NJ, MI, TN, TX, KS, CA, NY, KY, OK, WY, GA, CO, IL. Primary interests: health, education, local issues. Recent recipients: Empire State Foundation of Independent Colleges, United Fund of Greater New York, New York City Urban Coalition. Guidelines available.

Annual Grant Total: \$300,000 - \$400,000

Public Affairs and Related Activities Personnel:**At Main Office:**

LAPORTE, Cloyd, Jr., Secretary and Legal Counsel
(212) 826-7160

Serves also as contact person for corporate philanthropic activity.

MCNIFF, John, V. President and Treasurer
(212) 826-7160

Responsibilities include investor relations and press relations.

At Other Offices:

PETTER, William J., V. President, Dover Corp. and President, OPW Division
9393 Princeton-Glendale Road Cincinnati, OH 45240
(513) 870-3200

Dow Chemical U.S.A.

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2020 Willard H. Dow Center, Midland, MI 48674 Tel. (517) 636-1000

Washington Office:

1800 M St., N.W., Suite 700 South, Washington, DC 20036 Tel. (202) 429-3400
Contact: Charles T. Marck, V. President and Director, Government Affairs

Political Action Committee:

Cincinnati Indianapolis Employees PAC • 9550 Zionsville Road, Box 68511,
Indianapolis, IN 46268 Tel. (317) 873-7220

Funds Received: \$1,362 Contributed to Candidates: \$0

Contact: Carol Ashley, Treasurer, Cincinnati Indianapolis Employees PAC
Dow Chemical Co.-Headquarters Unit Employees PAC •

2020 Willard H. Dow Center, Midland, MI 48674 Tel. (517) 636-0758

Gave to 2 Democrats (\$600) and 55 Republicans (\$40,750). Principal recipients: Senate -- Roger Jepsen (R-IA), \$2,000; Ed Bethune (R-AR), \$1,000; Gordon Humphrey (R-NH), \$1,000. House -- Robert Dornan (R-CA), \$2,500; Jan Myers (R-KS), \$1,500; Patrick Trueman (R-MN), \$1,000.

Funds Received: \$51,943 Contributed to Candidates: \$41,350 (1/83-12/84)

Contact: Joe Mattier, Treasurer, Headquarters Unit Employees PAC
Dow Eastern Employees PAC (DEEPAC) • Box 36000, Strongsville, OH 44136
Tel. (216) 826-6234

Gave to 2 Democrats (\$750) and 35 Republicans (\$17,000). Principal recipients: Senate -- Gordon Humphrey (R-NH), \$1,000. House -- John Kasich (R-OH), \$1,000; Thomas Ridge (R-PA), \$1,000.

Funds Received: \$20,850 Contributed to Candidates: \$17,750 (1/83-12/84)

Contact: Carl Barrett, Treasurer, DEEPAC

Employees PAC, Central Region, Dow Chemical U.S.A. •

2301 Brazosport Blvd., APB Bldg., Freeport, TX 77541 Tel. (409) 238-9066

Contact: Harold R. Lundall, Treasurer, Employees PAC, Central Region

Employees PAC, Southeastern Region, Dow Chemical U.S.A. •

Box 150, Louisiana Hwy. #1, Plaquemine, LA 70764 Tel. (504) 389-8232

Gave to 14 Democrats (\$6,750) and 39 Republicans (\$49,450). Principal recipients: Senate -- Jesse Helms (R-NC), \$3,000; Ed Bethune (R-AR), \$3,000; Thad Cochran (R-MS), \$3,000. House -- Robert Livingston (R-LA), \$4,000; William Franklin (R-MS), \$3,000; Carroll Campbell, Jr. (R-SC), \$2,250.

Funds Received: \$59,332 Contributed to Candidates: \$56,200 (1/83-12/84)

Contact: Barbara Babin, Treasurer, Employees PAC, Southeastern Region
Midwest Area PAC, Dow Chemical U.S.A. • 2020 Willard H. Dow Center,
Midland, MI 48674 Tel. (517) 636-3546

Gave to 2 Democrats (\$1,000) and 27 Republicans (\$31,000). Principal recipients: Senate -- Roger Jepsen (R-IA), \$5,000; Jack Lousma (R-MI), \$5,000; Rudy Boschwitz (R-MN), \$3,000; Charles Percy (R-IL), \$2,000. House -- Jim Lightfoot (R-IA), \$2,000; William Schuette (R-MI), \$1,450; Patrick Trueman (R-MN), \$1,000.

Funds Received: \$52,625 Contributed to Candidates: \$32,000 (1/83-12/84)

Contact: Mike Costa, Treasurer, Midwest Area PAC

CORPORATE PUBLIC AFFAIRS

Dow Corning Corp.

Corporate Foundation / Contributions:

Dow Chemical Co. Foundation • 2020 Willard H. Dow Center, Midland, MI 48674
Tel. (517) 636-1162

Preference: giving on a nationwide basis. Primary interests: education programs in science. Recent recipients: Texas A&M University, Council for Chemical Research, University of Michigan.

Annual Grant Total: \$2,000,000 - \$5,000,000

Assets: \$3,818,000 (1982)

Contact: Sherie Hutter, Program Manager, Dow Chemical Co. Foundation

Public Affairs and Related Activities Personnel:**At Main Office:**

BRANDT, Ellis N., Senior Counselor, Public Affairs
(517) 636-3783

BUTTE, Gordon, Manager, Financial Communications
(517) 636-2876

BUZZELLI, David T., Director, Government and Public Affairs
(517) 636-1000

CARPENTER, M. C., Director, Communications
(517) 636-2066

COFFEY, Bill, Manager, News and Information Services
(517) 636-1000

COSTA, Mike, Treasurer, Midwest Area PAC
(517) 636-3546

DEVER, C., Director, Government and Public Affairs (FP & S)
(517) 636-9273

HEINI, Nick, Director, Public Issues-Agricultural Products
(517) 636-9117

HUTTER, Sherie, Program Manager, Dow Chemical Co. Foundation
(517) 636-1162

JENKINS, A. H., Senior Tax Attorney, Dow Chemical Co. Foundation
(517) 636-6637

LONG, Richard K., External Communications and Issues Manager
(517) 636-0572

MATTER, Joe, Treasurer, Dow Chemical Co.-Headquarters Unit Employees PAC
(517) 636-0758

MCKENNON, Keith R., Group V. President, Dow Chemical Co.
(517) 636-3966
Responsibilities include government and public affairs. Member, Board of Directors of the corporation.

RING, Jerold E., Manager, Public Affairs
(517) 636-6891
Registered as lobbyist in Michigan.

SCHNEIDER, P. H., Manager, Public Relations (Dow USA)
(517) 636-5781

SCHWENDIMAN, John S., Manager, Strategic Studies
(517) 636-4569
Responsibilities include foreign political risk analysis.

SHAFFER, Carl I., Manager, Community Relations Resources
(517) 636-1682
Serves also as Coordinator of the SERV (Service Efforts for Retiree Volunteers) community relations program.

SPEARS, Robert, Manager, Marketing Communications
(517) 636-2225

SUAZO, Vicky, Media Relations Manager
(517) 636-0517

TEMPLE, Joseph C., Jr., Executive V. President, Chairman, Public Interest Committee
(517) 636-5562

WAKEFIELD, Dean M., Communications Associate
(517) 636-9431

WITT, Terry, Public Relations Manager, Agricultural Products
(517) 636-1017

WOLF, Arnold A., Manager, Technical Communications
(517) 636-9411

At Washington, DC Office:

CHARLTON, Robert W., Manager, Public Affairs
(202) 429-3417

KUSZAJ, James M., Issues Manager/Environment
(202) 429-3400
Registered as lobbyist at U.S. Congress.

MARCK, Charles T., V. President and Dir. of Government Relations
(202) 457-3400
Registered as lobbyist at U.S. Congress.

NUTE, Deborah C., Legislative Resources Manager
(202) 429-3440
Responsibilities include political action committee.

NUTE, Lee F., Director, Regulatory and Legislative Affairs
(202) 429-3423

PATTERSON, Richard M., Government Relations Manager
(202) 429-3416
Registered as lobbyist at U.S. Congress.

At Other Offices:

DORSEY, Thomas F., Jr., Government Relations Administrator
Allyn's Point Plant, Gales Ferry, CT 06335
(203) 447-7227
Registered as lobbyist in Connecticut.

Public Affairs and Related Activities Personnel: (Cont.)

BARRETT, Carl, Treasurer, DEEPAC
Box 36000 Strongsville, OH 44136
(216) 826-6234

CONDER, James W., Manager of Public Affairs
Box 36000 Strongsville, OH 44136
(216) 826-6000
Registered as lobbyist in Ohio.

ASHLEY, Carol, Treasurer, Cincinnati Indianapolis Employees PAC
9550 Zionsville Road, Box 68511 Indianapolis, IN 46268
(317) 873-7220

JASPER, Leonard A., Manager, Public Affairs (Consumer Product Department)
9550 Zionsville Road, Box 68511 Indianapolis, IN 46268
(317) 873-7511
Registered as lobbyist in Indiana.

KESSELER, Roger L., V. President & Controller, Midland Committee
2030 Willard H. Dow Center Midland, MI 48640
(517) 636-5250

CRESSWELL, Tom, Division Counsel
47 Building Midland, MI 48667
(517) 636-4781

BABIN, Barbara, Treasurer, Employees PAC, Southeastern Region
Box 150, Louisiana Hwy. #1 Plaquemine, LA 70764
(304) 389-8232

CARSON, Roland Clifford, Government Affairs Manager
Box 150, Louisiana Hwy. #1 Plaquemine, LA 70764
(504) 383-0375
Registered as lobbyist in Louisiana.

GUILLOT, Ridley P., State Government Affairs Manager
Box 150, Louisiana Hwy. #1 Plaquemine, LA 70764
(204) 389-8254
Registered as lobbyist in Florida.

HAGGARD, R. Gene, Regional Government Affairs Manager
Box 150, Louisiana Hwy. #1 Plaquemine, LA 70764
(504) 389-8000

JOFFRION, Thomas, Manager, Public Relations (Louisiana Division)
Box 150, Louisiana Hwy. #1 Plaquemine, LA 70764
(504) 389-8236

CASE, J. H., Manager, Government Affairs (Texas Operations)
2301 Brazosport Blvd., APB Bldg. Freeport, TX 77541
(409) 238-1495
Responsibilities include political action committee.

COSLETT, David L., Manager of Government Relations
Box K Freeport, TX 77541
(713) 238-1495
Registered as lobbyist in Texas.

LUNDALL, Harold R., Project Manager and Treasurer, Employees PAC, Central Region
2301 Brazosport Blvd., APB Bldg. Freeport, TX 77541
(409) 238-9066

SCOTT, T. J., Manager, Public Relations
2301 Brazosport Blvd., APB Bldg. Freeport, TX 77541
(409) 238-2276

SHEWBART, Karen A., Manager, Environmental Services and Operations
Box K Freeport, TX 77541
(409) 238-5206
Registered as lobbyist in Texas.

JONES, Jack, Manager, Public Affairs (West)
925 L St., #1425 Sacramento, CA 95814
(916) 441-7695

Dow Corning Corp.

A 50/50 joint venture of Dow Chemical and Corning Glass Works. A manufacturer of specialty chemicals.

Box 994, Midland, MI 48640 Tel. (517) 496-4000

Washington Office:

1800 M St., N.W., Suite 790 South, Washington, DC 20036 Tel. (202) 785-0585
Contact: Ralph D. Schumack, V. President, Government Relations and Public Affairs

Political Action Committee:

Dow Corning Employees PAC • Box 995, Midland, MI 48640 Tel. (517) 496-4044
Gave to 0 Democrats and 9 Republicans (\$6,500). Principal recipients: Senate -- Rudy Boschwitz (R-MN), \$1,000; Roger Jepsen (R-IA), \$1,000; Charles Percy (R-IL), \$1,000. House -- William Schuette (R-MI), \$1,000.

Funds Received: \$18,244 Contributed to Candidates: \$6,500 (1/83-12/84)
Contact: Jim Pollack, Manager, Corporate Environment Control

Dow Corning Management PAC • Box 994, Midland, MI 48640 Tel. (517) 496-4464
Gave to 1 Democrat (\$100) and 9 Republicans (\$3,350).

Funds Received: \$6,294 Contributed to Candidates: \$3,450 (1/83-12/84)
Contact: John C. Kubiak, Manager, Corporate Communications

Dow Corning Corp.**CORPORATE PUBLIC AFFAIRS****Corporate Foundation / Contributions:**

Dow Corning Contributions Program • Box 994, Midland, MI 48640
Tel. (517) 496-6094

Preference: grants awarded within communities where the company operates. Primary interests: education, community programs, health and welfare, arts and culture. Recent recipients: Kennedy Center, American Symphony Orchestra.

Annual Grant Total: \$500,000 - \$750,000

Contact: Robert P. Bott, Secretary, Contributions Committee

Publications:

Dow Corning World • Bi-monthly.

Contact: Cindy Winslow, Editor, Dow Corning World

Public Affairs and Related Activities Personnel:**At Main Office:**

BOTT, Robert P., Secretary, Contributions Committee
(517) 496-6094

CARDELLA, John, Manager, Government Relations and Public Affairs
(517) 496-4456

Registered as lobbyist in Michigan.

LENTZ, Charles W., Director, Health and Environmental Sciences
(517) 496-4796

SEEBERGER, Scott J., Supervisor, Public Relations
(517) 496-4078

STINTON, M. P., Director, Safety and Loss Prevention
(517) 496-4000

SWANSON, John E., Manager, Business Communications
(517) 496-4612

WINSLOW, Cindy, Editor, Dow Corning World
(517) 496-4000

At Washington, DC Office:

GORMAN, Faye, Government Relations Associate Representative
(202) 785-0585

Serves also as Coordinator, Dow Corning Employees PAC.

O'BRIEN, Mary Eileen, Manager, International Public Affairs
(202) 785-0585

Registered as lobbyist at U.S. Congress.

SCHUMACK, Ralph D., V. President, Government Relations and Public Affairs
(202) 785-0565

Registered as lobbyist at U.S. Congress.

At Other Offices:

KUBIAK, John C., Manager, Corporate Communications
Box 1767 Midland, MI 48640
(517) 496-4464

POLLACK, Jim, Manager, Corporate Environment Control
Box 995 Midland, MI 48640
(517) 496-4044

Serves also as Treasurer, Dow Corning Employees PAC.

Dow Jones and Co.

A publishing company focusing on business and economics.

22 Cortlandt St., New York, NY 10007 Tel. (212) 285-5000

Corporate Foundation / Contributions:

Dow Jones Foundation • 22 Cortlandt St., New York, NY 10007
Tel. (212) 285-5000

Preference: groups serving communities where the company has offices (throughout the U.S.). Primary interests: health programs, education, community and civic funds. Recent recipients: Columbia University, National Merit Scholarship Corporation, National Urban League. Guidelines are available.

Annual Grant Total: \$100,000 - \$200,000

Assets: \$1,820,000 (1982)

Public Affairs and Related Activities Personnel:**At Main Office:**

ARMOUR, Lawrence A., Director, Corporate Relations
(212) 285-5466

DOHERTY, Leonard E., Treasurer, Dow Jones Foundation
(212) 285-5000

Serves as contact person for corporate contributions program.

FUSILLI, Jim, Corporate Relations Associate
(212) 285-5000

LEADER, Trish, Corporate Relations Associate
(212) 285-5000

SANTORO, Angela, Corporate Relations Associate
(212) 285-5000

Dr Pepper Co.

A maker of Dr. Pepper concentrate.

Box 225086, Dallas, TX 75265 Tel. (214) 824-0331

Political Action Committee:

Dr Pepper Co. PAC (DOCPAC) • Box 225086, Dallas, TX 75265
Tel. (214) 824-0331

Gave to 3 Democrats (\$750) and 23 Republicans (\$8,750). Principal recipient: Senate - Phil Gramm (R-TX), \$1,000.

Funds Received: \$11,292 Contributed to Candidates: \$9,500 (1/83-12/84)

Publications:

Clock Dial • 6/year.

Public Affairs and Related Activities Personnel:**At Main Office:**

BALL, Jim, V. President, Corporate Communications

(214) 824-0331

Also serves as contact person for Dr Pepper Co. PAC.

BIRDSONG, Charles R., Controller

(214) 824-0331

Serves as Treasurer, Dr Pepper Co. PAC.

HOWARD, Becky, Manager, Corporate Communications

(214) 824-0331

Responsibilities include Clock Dial.

QUIGLEY, John L., V. President, Human Resources

(214) 824-0331

Dravo Corp.

An engineering, heavy industrial construction, and natural resources firm.

One Oliver Plaza, Pittsburgh, PA 15222 Tel. (412) 566-3000

Washington Office:

1225 19th St., N.W., Suite 500, Washington, DC 20036 Tel. (202) 785-1491

Political Action Committee:

Dravo Employees for Better Government Fund • One Oliver Plaza,
Pittsburgh, PA 15222 Tel. (412) 566-3000

Gave to 27 Democrats (\$24,300) and 31 Republicans (\$41,600). Principal recipients: Presidential - Ronald Reagan (R), \$3,000. Senate - P. Domenici (R-NM), \$6,000; John Johnston (D-LA), \$5,000; Alan Simpson (R-WY), \$4,000; Arlen Specter (R-PA), \$3,000. House - Herbert Callahan (R-AL), \$2,000; William Clinger, Jr. (R-PA), \$1,500; Robert Livingston (R-LA), \$1,500.

Funds Received: \$68,941 Contributed to Candidates: \$65,900 (1/83-12/84)

Publication: PAC Newswire. Semi-a.

Corporate Foundation / Contributions:

Dravo Corp. and Subsidiaries Charitable Trust • One Oliver Plaza, Pittsburgh, PA
15222 Tel. (412) 566-3116

Preference: giving concentrated in areas where the company has facilities, chiefly Pittsburgh, PA. Primary interests: welfare (youth, the handicapped and United Funds); education; the arts; and health facilities and organizations. Recent recipients: Carnegie Institute, Harnmarville Rehabilitation Center, National River Academy.

Annual Grant Total: \$300,000 - \$400,000

Assets: \$700,000 (1984)

Publications:

Dravo Review • Quarterly.

Public Affairs and Related Activities Personnel:**At Main Office:**

CHIDESTER, Robert J., Manager, Corporate Communications
(412) 566-3084

Responsibilities include the Dravo Review.

GERONO, Gail, Supervisor, Investor Relations
(412) 566-3842

Serves also as Secretary and principal contact person for Dravo Corp. & Subsidiaries Charitable Trust.

SNOWBERGER, Donald E., V. President, Administration
(412) 566-3845

Serves as Chairman, Corporate Contributions Committee.

STEWART, William P., V. President, Corporate Communications
(412) 566-3088

WILSON, Ralph O., Jr., Treasurer, Dravo Employees for Better Government Fund
(412) 566-3582

At Washington, DC Office:

BLEECKER, Lynn, Manager, Government Relations
(202) 785-1491

Serves as a contact person for the corporation's publication, Dravo Review.

At Other Offices:

LENNOX, Edward Newman, V. President, Public Affairs (Dravo Natural Resources
Co.)

110 James Drive West, Suite 100 St. Rose, LA 70087

(504) 468-3247

Dresser Industries

A supplier of equipment and technical services to natural resource and energy industries.

Box 718, Dallas, TX 75221 Tel. (214) 740-6000

DOVER INDUSTRIAL CHROME INC.2929 N. Campbell Ave., Chicago, Ill. 60618
Tel. 312-478-2022

*Pres & Treas—Ariel G. Schrödt
V-P (Sales)—John Shay
Secy—Michael C. Kent
Purch Agt—Dexter M. Bailey
Accts—Hannan & Associates, Wheeling, Ill.
Primary Bank—American National Bank & Trust Co. of Chicago

Primary Law Firm—Blatt, Hasenmiller, Flanagan & Leibsker
Sales: Under \$1Mil

***Also DIRECTORS**

BUSINESS: Hard chromium & heavy nickel plating, grinding, polishing, superfinishing, electropolishing, passivating, precision machining
S.I.C. 3471; 3479

DOVER INDUSTRIES LTD.145 Mac Nab St., N., Hamilton, Ont. Can.
Tel. 416-528-1557

*Pres—M. Campbell (Mrs.)
Sr V-P—D. Smith
V-P—J. Doering
V-P—A. T. Butler
V-P (Fin)—B. J. Short
V-P—D. G. Green
V-P—R. E. Gerry
Secy & Treas—T. Molnar
Accts—Price Waterhouse, Hamilton, Can.
Primary Bank—Toronto-Dominion Bank
Primary Law Firm—Campbell, Godfrey & Lewtas
Sales: \$92Mil Employees: 550
Stock Exchange(s): TOR

***Also DIRECTORS—Other Directors Are:**

H. Heimbecker G. Sharwood
J. M. Godfrey J. M. Vallance
W. Morrow D. B. Weldon
W. T. Brock

PRODUCTS: Flour, ice cream cones, & folding paper boxes, lithography, plastics, grain dealers, paper cups, plates

S.I.C. 2041; 2052; 2651; 2752; 3079; 5113; 5153

THE DOVER MOLDED PRODUCTS CO., INC.(Subs. Kessler Products Co.)
1000 East Ave., Dover, Ohio 44622
Tel. 216-343-7778

*Pres—Milton Kessler
*Exec V-P—Morris Kessler
V-P (Oper)—Ronald Kessler
V-P (Sales & Admin)—Jack Kessler
*Secy & Treas—Gerald Kessler
Accts—Philip Levy Co., Youngstown, Ohio
Primary Bank—Dollar Savings & Trust Co.
Employees: 95

***Also DIRECTORS**

PRODUCTS: Plastic closures
S.I.C. 3079; 3643

DOVER POULTRY PRODS., INC.2036 Hollins Ferry Rd., Baltimore, Md. 21230
Tel. 301-837-4436

Pres & Treas—Millard S. Sindler
V-P & Secy—Russell Sindler
V-P—Michael G. Hendler
Accts—Feat, Marwick, Mitchell & Co., Baltimore, Md.
Sales Range: 57—9Mil Employees: 175
PRODUCTS: Poultry, dressing & packaging (wholesale)
S.I.C. 5144

DOVER SARGENT AIRITE DIVISION

(Dover Corporation)

1700 E. Grand Ave., El Segundo, Cal. 90245
Tel. 213-772-6251

Div Pres—O. T. Bolland
Cont—H. B. Giddens
Mgr Oper, Prod Con & Purch—M. L. Smith
Mgr Prog—D. G. Anderson
Mktg Mgr—J. S. Hrivnak
Mgr Engr—C. Bouman
Accts—Feat, Marwick, Mitchell & Co., Los Angeles, Cal.
Primary Bank—Bankers Trust Company
Primary Law Firm—Munger, Tolles & Rickershauser
Sales: \$8Mil Employees: 83

PRODUCTS: Cryogenic pressure vessels, expulsion tanks, rocket motor cases, nuclear components
S.I.C. 3443; 3674

DOVER STAMPING CO.(Div. Parkersburg Steel Co.)
427 Plymouth Ave., Fall River, Mass. 02721
Tel. 617-679-6456

Chrm & Pres—Louis Berkman
V-P—Sidney S. Smith
Compt—Ernest R. Richard
Mktg Dir—Dale Stemple
Purch Agt—Clinton Stanley
Sales: \$10Mil Employees: 150
PRODUCTS: Galvanized housewares, metal wastebaskets, paint pots, funnels, janitorial equip.
S.I.C. 3469; 3589

DOW CHEMICAL CO.2030 Willard H. Dow Ctr., Midland, Mich. 48674
Tel. 517-636-1000

*Chrm, Pres & Chief Exec Officer—Paul F. Orefice
*Exec V-P—Hunter W. Henry
*Exec V-P—Robert M. Kell
*Exec V-P—Frank P. Popoff
*Exec V-P—Joseph G. Temple, Jr.
*Sr V-P—David P. Sheetz
*Group V-P—Keith R. McKennon
*Fin V-P—Enrique C. Falla
*V-P—Bernard B. Butcher
*V-P—Andrew J. Butler
*V-P—Joseph L. Downey
*V-P & Gen Coun—Wayne M. Hancock
*V-P & Cont—Roger L. Kessler
*V-P—Robert E. Naegele
*V-P—Donald A. Rikard
*Treas—Wilson A. Gay
*Secy—Herbert H. Dow
Aud—Dale A. Bywater
Accts—Deloitte Haskins & Sells, Detroit, Mich.
Revenue: \$11.54Bil Employees: 53,200
Stock Exchange(s): NYS, BST, PAC, MID, TOR, CIN

*Also DIRECTORS—Other Directors Are:
Herbert D. Doan Barbara H. Franklin
William N. Lipscomb, Jr. David L. Rooke
Harold T. Shapiro

PRODUCTS: Plastics, industrial & agric. chemicals, metals, pharmaceuticals, packaging, consumer products
S.I.C. 3079; 1389; 2812; 2819; 2821; 2831; 2834; 2865; 2869; 2879; 3339; 3356

DOW CHEMICAL U.S.A.

(Div. The Dow Chemical Co.)

Willard H. Dow Center, Midland, Mich. 48640
Tel. 517-636-1000

Pres—Hunter W. Henry
Group V-P (Adm Serv)—R. Bruce Johnson
V-P (Coml-Basic Chemicals)—W. S. Stavropoulos
V-P (Coml-Specialty Chemicals)—Enrique Sosa
V-P (Oper)—Paul M. Pankratz
V-P (R&D)—Irving G. Snyder, Jr.
V-P & Gen Coun—W. M. Hancock
Treas—Arnold J. Johnson
Accts—Deloitte Haskins & Sells, Midland, Mich.
Sales: \$11.40Bil Employees: 53,000
PRODUCTS: Chemicals, metals, plastics, packaging, agricultural, pharmaceutical & consumer products
S.I.C. 2869; 2812; 2813; 2819; 2821; 2831; 2833; 2834; 2879; 3079; 3339; 3356

DOW & CO., INC.1820 Elmwood Ave., Buffalo, N. Y. 14207
Tel. 716-877-4100

*Chrm—Jane P. Dow (Mrs.)
*Pres & Treas—Peter B. Dow
*V-P—James P. Dow
*Secy—Violet G. Heiman (Miss)
Accts—Dopkins & Co., Buffalo, N. Y.
Primary Bank—Manufacturers & Traders Trust Co.
Primary Law Firm—Magavern & Magavern
Sales Range: 510—12Mil Employees: 66
*Also DIRECTORS—Other Directors Are:
Mary D. Seavers Samuel D. Magavern
Irving Francis
PRODUCTS: Contractors, industrial & municipal equip.
S.I.C. 1629

DOW-CONSTRUCTION CO.

(Subs. Dow-Wally Industries)

One Dow-Wally Plaza, Uniontown, Pa. 15401
Tel. 412-438-0050

Chrm & Chief Exec Officer—Walter Edward Wally, Sr.
Pres & Chief Oper Officer—Walter Edward Wally, Jr.
V-P, Secy & Treas—M. D. Wally
V-P (Acct)—D. L. Wally
V-P (Mktg & Growth Devel)—Joshua D. Wally
V-P (Mfg & Product Devel)—Jeremiah D. Wally
V-P (Sales)—Tom Evans
V-P (Mktg)—D. Duval
Accts—Michael D. Hanna, Pittsburgh, Pa.
Primary Bank—First National Bank & Trust Co.
Primary Law Firm—Molnaro Associates
Sales: \$2.70Mil Employees: 165
BUSINESS: Engineers & general contractors, equip. & machine mfg.
S.I.C. 8911; 1542; 3531

DOW CORNING CORP.

Box 1767, Midland, Mich. 48640

Tel. 517-496-4000

*Chrm—J. S. Ludington
*Pres—L. A. Reed
*Exec V-P—R. E. Vidal
*V-P & Chief Fin Officer—E. Steinhoff
*V-P & Aud—J. L. Griffin
*V-P—A. B. Boehm
*V-P—D. R. Weyenberg
*V-P—J. K. Campbell

V-P—R. L. Johnson
V-P—R. C. Gergle
V-P, Secy & Gen Coun—J. R. Jenkins
V-P—J. P. Snedeker
V-P—R. E. Stahl
V-P—J. R. Wehrly
V-P—G. E. Anderson
V-P—R. T. Rylee, II
Treas—H. J. Broser
Cont—R. S. Springmire
Mgr Cor Real Estate—Roger Beck
Accts—Price Waterhouse
Primary Bank—Citibank, N.A.
Sales: \$901Mil Employees: 6,246

***Also DIRECTORS—Other Directors Are:**

P. F. Orefice H. D. Doan
A. Houghton, Jr. M. Kell
J. R. Houghton J. C. Campbell
D. L. Rooke J. L. Flynn
T. C. McAvoy R. R. Maneri
H. W. Henry

PRODUCTS: Silicones & related chemicals, hyper-pure silicon, solid lubricants
S.I.C. 2821; 2869

DOW HOWELL GILMORE ASSOC. INC.315 Post St., Midland, Mich. 48640
Tel. 517-835-6761

Pres—William H. Gilmore
Associate—Jack P. Lee
Associate—Charles B. Blacklock
Treas & Secy—Richard G. Schell
Accts—Burside, Lang & Taylor, Midland, Mich.
Primary Bank—Chemical Bank & Trust Co.
Primary Law Firm—Riecker, George, Hartley, Van Dam & Camp
Sales: \$2.50Mil Employees: 35
BUSINESS: Architectural/engineering serv. developers, investors
S.I.C. 8911; 6552; 6799

DOW INDUSTRIES

(See KEENE CORP.)

DOW JONES & CO., INC.200 Liberty St., New York, N. Y. 10281
Tel. 212-285-5000

*Chrm & Chief Exec Officer—Warren H. Phillips
*Vice-Chrm—Donald A. Macdonald
*Pres & Chief Oper Officer—Ray Shaw
Exec V-P—William L. Dunn
Exec V-P—Peter R. Kann
Sr V-P (Fin)—Frederick G. Harris
V-P—Frank C. Breese
V-P (News)—Edward R. Cony
V-P (Staff Devel)—Betty A. Duval
V-P (Legal)—Peter Skinner
V-P (Mktg)—Bernie T. Flanagan
V-P (Community Newspapers)—James H. Ottaway, Jr.
V-P (Plan)—Sterling E. Soderlind
V-P (Adv. Wall Street Journal)—Lee Heffner
V-P (Cir)—Ken Burenga
V-P (Oper Serv)—Kim Breese
V-P (Inf Serv Group)—Carl Valenti
V-P (Inf Serv Group)—William R. Clabby
V-P (Books)—Robert A. Schmitz
Treas—Leonard E. Doherty
Secy—Robert Potter
Compt—Kevin J. Roche
Publ & Editor (Asian Wall Street Journal)—Fried Zimmerman
Exec Editor—Fred Taylor (Wall Street Journal)
Mgn Editor (Wall Street Journal)—Norman Pearlstine
Publ (Wall Street Journal/Europe)—Paul Atkinson
Mgn Editor (Dow Jones News Serv)—Everett Groselove

Editor (Wall Street Journal)—Robert Bartley
Editorial Dir (Barron's)—Robert Bleiberg
Mgr Dir (Dow Jones Intl Marketing Serv)—Dan Cates
Natl Prod Mgr—William Harmer
Circ Service Mgr—Robert Wilson
Dir Empl Rel—Larry Witham
Gen Serv Mgr—Guy Nardo
Cor Rel Dir—Lawrence A. Armour
Accts—Coopers & Lybrand, New York, N. Y.
Primary Bank—Manufacturers Hanover Trust Co.
Primary Law Firm—Patterson, Belknap, Webb & Tyler
Revenue: \$1.04Bil Employees: 6,800
Stock Exchange(s): NYS, BST, MID, PSE

*Also DIRECTORS—Other Directors Are:
William M. Agee Rand V. Araskoc
William C. Cox, Jr. David W. Gregg
Martha S. Griffiths Vernon E. Jordan, Jr.
Betina Bancroft Klink Rene C. McPherson
Robert S. Potter James Q. Riordan
Vermont Royster Charles A. Meyer
Richard D. Wood
BUSINESS: Publishing of financial periodicals & newspaper; provides a news service
S.I.C. 2711; 2731; 7351

DOWCRAFT CORP.

65 S. Dow St., Falconer, N. Y. 14733

Tel. 716-665-6210

*Chrm—Alfred G. Ford, Hotel Jamestown Bldg., Jamestown, N. Y.
*Pres—James E. Graves
*Exec V-P—Gene L. Sadowski
*V-P (Partition Div)—M. R. Gustafson
*V-P (Spec Products Div)—M. Richard Jankoski
Secy & Treas—Weldon M. Nelson, Jr.
Gen Coun—Alfred G. Ford
Accts—Corey, Fiedler, Johnson & Vanstrom,

Sales: \$2.50Mil

*Also DIRECTORS
PRODUCTS: Plywood & lumber, whl.
S.I.C. 5031

DOUGLAS FURNITURE CORP.

(Subs. Douglas-Furniture of California)
5020 W. 73rd St., Chicago, Ill. 60638
Tel. 312-458-1505

*Chrm.—Milton A. Cohen
*Pres.—Morton R. Cohen
*V-P & Secy.—Stuart A. Applebaum
*V-P & Treas.—Douglas E. Cohen
Accts.—Laventhol & Horwath, Chicago, Ill.
Primary Bank—Continental Illinois National Bank & Trust Co. of Chicago
Primary Law Firm—Freeman, Atkins & Coleman, Ltd.
Sales: \$34Mil Employees: 600

*Also DIRECTORS
PRODUCTS: Laminated, glass, metal & wood furniture.
S.I.C. 2514; 2511; 2519; 5021

DOUGLAS INDUSTRIES, INC.

(Subs. Schering-Plough Corp.)
8906 Rosehill Rd., Lenexa, Kan. 66215
Tel. 913-888-8168

Dir Mfg.—James E. Blades
Sales Range: \$2-4Mil Employees: 50
PRODUCTS: Animal health products
S.I.C. 2834

DOUGLAS & LOMASON CO.

24600 Hallwood Ct., Farmington Hills, Mich. 48018
Tel. 313-478-7800

*Chrm.—W. K. Lomason
*Pres & Chief Exec Officer—Harry A. Lomason, II
V-P (Mfg)—C. Douglas Crisp
V-P (Sales)—H. R. Dombrowski
V-P (Purch)—H. J. Kouris
V-P & Treas.—James J. Hoey
V-P (Engr)—B. G. Morelli
V-P (Engr)—F. W. Roentree
V-P (Exec Engr)—R. I. Homier
Asst V-P (Ind Rel & Per Adm)—O. V. Cheatham
Asst V-P (Qual Assur)—R. H. Morelli
Secy—Vernie C. Hampton, II
Cont.—H. A. Thomalla
Accts.—Peat, Marwick, Mitchell & Co., Detroit, Mich.
Primary Bank—National Bank of Detroit
Primary Law Firm—Dickinson, Wright, Moon, Van Dusen & Freeman
Revenue: \$200Mil Employees: 3,000
Stock Exchange(s): NAS

*Also DIRECTORS—Other Directors Are:
J. Douglas Adair G. Maynard Smith
Ellis B. Merry Edward H. Perkins, Jr.
Charles R. Moon Gary T. Walther
PRODUCTS: Automotive seating, hdwe., metal trim & bumpers; pkg. equip.; spec. machinery for conveying sys.; custom truck bodies & trailers, refrigerated & non-refrigerated
S.I.C. 3465; 3499; 3559; 3713; 3714; 3715

DOUGLAS MACHINE CORP.

3404 Iowa St., Alexandria, Minn. 56308
Tel. 612-763-6587

*Pres.—Bud Thoen
*Exec V-P (Prod)—Vernon Anderson
*Exec V-P (Sales & Mktg), Secy & Treas.—Paul Anderson
V-P (Fin)—Phil Chalmers
V-P (Materials Mgt & Data Proc)—Richard Rosenfield
V-P (Sales & Mktg)—Jim Johnson
V-P (Engr)—Dale Haug
Accts.—Ness, Waller, Nygaard & Co., Alexandria, Minn.
Primary Bank—First Bank-Alexandria
Primary Law Firm—Tillitt, McCarten, Johnson & Drummond
Sales: \$7Mil Employees: 254

*Also DIRECTORS—Other Directors Are:
William Berger Ralph Tillitt
PRODUCTS: Design & mfr. pkg. mach.; plating, insulated electrical staples
S.I.C. 3569; 3471

DOUMAK INC.

2491 Estes Ave., Elk Grove, Ill. 60007
Tel. 312-437-2100

Pres.—William E. Bettcher
Employees: 75
PRODUCTS: Marshmallows
S.I.C. 2065

DOURON, INC.

40 New Plant Ct., Owings Mills, Md. 21117
Tel. 301-263-2600

*Chrm & Pres.—Eugene L. Hix
*Exec V-P (Sales & Purch)—Ronald W. Hux
*V-P (Engr & Design)—Norman H. G. Spradlow
*Treas & Compt.—Harold A. Shadline
Prod. Engr, Traffic & Works Mgr.—Frank Clark
Accts.—Wooden & Benson, Baltimore, Md.
Primary Bank—Union Trust Co.
Primary Law Firm—Spriggs, Bode & Hollingsworth
Sales: \$7.50Mil Employees: 22

*Also DIRECTORS
PRODUCTS: Library furniture, study carrels, special laminated goods; school & design furniture; contract equip.; com. furnishing
S.I.C. 5021; 2522; 2531; 2599; 3079; 7399

DOVE DIE & STAMPING CO.

15665 Brookpark Rd., Cleveland, Ohio 44142
Tel. 216-267-3720

Pres & Sales Mgr.—Jerry Wagner
Exec V-P—Anton Kapela

V-P (Engr)—Richard Hlavac
V-P (Prod & Purch)—Fred Adamany
Primary Bank—National City Bank
Sales: \$5.50Mil Employees: 100
PRODUCTS: Metal stampings
S.I.C. 3469

DOVER CORPORATION

277 Park Ave., New York, N. Y. 10172
Tel. 212-826-7160

*Chrm.—T. C. Sutton
*Pres & Chief Exec Officer—Gary L. Roubos
Exec V-P—Richard T. Farrell
V-P—John B. Apple
V-P—James L. Benke
V-P—Lewis E. Burns
V-P—Edward J. Kata
V-P—Robert C. Carl
V-P—Thomas H. Cross
V-P—Edwin L. Bechtold
V-P—Walter G. Lock
V-P—William D. Rogerson
V-P, Treas & Chief Fin Officer—John F. McNiff
V-P—Thomas S. Spangrud
V-P—William J. Petter
V-P—Thomas L. Reece
V-P—Don W. Humphreys
V-P—Harmon L. Ruliffson
Secy—Cloyd Laporte, Jr.
Accts.—Peat, Marwick, Mitchell & Co.
Sales: \$1.01Bil Employees: 13,498
Stock Exchange(s): NYS

*Also DIRECTORS—Other Directors Are:
Magalen O. Bryant Michael Devas
A. J. Ormsby Richard R. Ohrstrom
George L. Ohrstrom David G. Thomas
PRODUCTS: Hydraulic & traction elevators, auto. lifts, piston rings & metallic packing, valves & nozzles to handle gasoline & other hazardous liquids, toggle clamps, reed valves, sucker rods, sub-surface oil well pumps rotary pumps, butterfly valves, controls, filter-strainer units, food processing equip., welding equip., automatic screw machines, wreckers, ind. instr., specialized bearings, ind. heat exchangers, electronic circuitry assembly equip.
S.I.C. 3534; 1796; 3443; 3469; 3494; 3533; 3541; 3545; 3559; 3561; 3566; 3569; 3589; 3599; 3623; 3713; 3823; 5084

DOVER ELEVATOR CO.

(Subs. Dover Corporation)
P. O. Box 2177, Memphis, Tenn. 38101
Tel. 601-393-2110

*Chrm.—Gary L. Roubos, 277 Park Ave., NYC, N. Y.
*Pres.—John B. Apple
V-P & Secy—George E. Powell
*V-P—John S. Brant, 277 Park Ave., NYC, N. Y.
Treas.—George A. Schroth
Accts.—Peat, Marwick, Mitchell & Co.
Sales: Over \$50Mil Employees: 2,000
*Also DIRECTORS—Other Directors Are:
Robert S. Behe Ricard Ohrstrom
PRODUCTS: Elevators
S.I.C. 3534

DOVER INDUSTRIAL CHROME INC.

2929 N. Campbell Ave., Chicago, Ill. 60618
Tel. 312-478-2022

*Pres & Treas.—Ariel G. Schrodt
V-P (Sales)—John Shay
Secy—Michael C. Kent
Accts.—Kent, Givens, Barnes & Co., Evanston, Ill.
Primary Bank—American National Bank
Primary Law Firm—Blatt, Hasenmiller & Komar
Sales: Under \$1Mil

*Also DIRECTORS
BUSINESS: Hard chromium & heavy nickel plating, grinding, polishing, superfinishing
S.I.C. 3471; 3479

DOVER INDUSTRIES LTD.

145 Mac Nab St. N., Hamilton, Ont. Can.
Tel. 416-528-0051

*Pres.—M. Campbell (Mrs.)
*Sr V-P—D. Smith
*V-P—J. Doering
V-P—A. T. Butler
V-P (Fin)—P. A. Colangelo
V-P—D. G. Green
V-P—R. E. Gerry
Secy & Treas.—T. Molnar
Accts.—Price Waterhouse, Hamilton, Can.
Primary Bank—The Toronto-Dominion Bank
Primary Law Firm—Campbell, Godfrey & Lewtas
Sales: \$63Mil Employees: 600
Stock Exchange(s): TOR

*Also DIRECTORS—Other Directors Are:
H. Heimbecker G. Sharwood
J. M. Godfrey J. M. Vallance
W. Morrow D. B. Weldon
PRODUCTS: Flour, ice cream cones, & folding paper boxes, lithography, plastics, grain dealers, paper cups, plates
S.I.C. 2041; 2052; 2651; 2752; 3079; 5113; 5153

THE DOVER MOLDED PRODUCTS CO., INC.

(Subs. Kessler Products Co.)
1000 East Ave., Dover, Ohio 44622
Tel. 216-343-7778

*Pres.—Milton Kessler
*Exec V-P—Morris Kessler
*Secy & Treas.—Gerald Kessler
Accts.—Philip Levy Co., Youngstown, Ohio
Primary Bank—Dollar Bank
Primary Law Firm—Rigelhaupt & Rigelhaupt
Employees: 95

*Also DIRECTORS

PRODUCTS: Plastic closures
S.I.C. 3079; 3643

DOVER POULTRY PRODS., INC.

2036 Hollins Ferry Rd., Baltimore, Md. 21230
Tel. 301-637-4434

Pres & Treas.—Millard S. Sandler
V-P & Secy—Russell Sandler
V-P—Michael G. Hendler
Accts.—Siegel & Mistein, Baltimore, Md.
Sales Range: \$3-6Mil Employees: 175
PRODUCTS: Poultry, dressing & packaging (wholesale)
S.I.C. 5144

DOVER STAMPING CO.

(Div. Parkersburg Steel Co.)
427 Plymouth Ave., Fall River, Mass. 02721
Tel. 617-679-6456

Chrm & Pres.—Louis Berkman
V-P—Sidney S. Smith
V-P (Sales)—Carl Thorp
Compt.—Ernest R. Richard
Purch Agt.—Clinton Stanley
Sales: \$7.50Mil Employees: 150
PRODUCTS: Galvanized housewares, metal wastebaskets, paint pots, funnels, janitorial equip.
S.I.C. 3469; 3589

DOW CHEMICAL CO.

2030 Willard H. Dow Ctr., Midland, Mich. 48640
Tel. 517-636-1000



*Pres & Chief Exec Officer—Paul F. Orefice
*Chrm.—Robert W. Lundeen
*Exec V-P—Hunter W. Henry
*Exec V-P (Fin V-P)—Robert M. Keil
*Exec V-P—Joseph G. Temple, Jr.
*Sr V-P—David L. Rooke
*Group V-P—Keith R. McKennon
*Group V-P—Robert E. Macgele
V-P—Ercyl Blair
V-P—Bernard B. Butcher
V-P & Cont.—Roger L. Kesseler
*V-P—Frank P. Popoff
*V-P—Donald A. Rikard
*V-P—David P. Shetz
V-P—T. J. Walker
V-P (Fin)—Enrique C. Falla
Treas.—Wilson A. Gay
*Secy—Herbert H. Dow
Gen Coun.—Wayne M. Hancock
Adm.—Dale A. Bywater
Accts.—Deloitte Haskins & Sells, Detroit, Mich.
Revenue: \$10.95Bil Employees: 54,500
Stock Exchange(s): NYS, BST, PAC, MID, TOR, CIN

*Also DIRECTORS—Other Directors Are:
Andrew J. Butler Herbert D. Doan
Barbara H. Franklin J. M. Leathers
William N. Lipscomb, Jr. Paul W. McCracken
G. James Williams

PRODUCTS: Plastics, industrial chemicals, metals, agricultural, pharmaceuticals, packaging, consumer products
S.I.C. 3079; 1389; 2812; 2819; 2821; 2831; 2834; 2865; 2869; 2879; 3339; 3356

DOW CHEMICAL U.S.A.

(Div. The Dow Chemical Co.)

Willard H. Dow Center, Midland, Mich. 48640
Tel. 517-636-1000

Pres.—Hunter W. Henry
Group V-P (Adm Serv)—R. Bruce Johnson
V-P (Coml-Product Dept & Mktg)—A. J. Butler
V-P (Oper)—Paul M. Pankratz
V-P (R&D)—Irving G. Snyder, Jr.
V-P & Gen Coun.—J. H. Hanes
V-P (Inf Sys)—W. B. Burks
Treas.—Arnold J. Johnson
Cont.—W. C. Schmidt
Sales: \$5.10Bil Employees: 32,770
PRODUCTS: Chemicals, metals, plastics, packaging, agricultural, pharmaceutical & consumer products; oil well services
S.I.C. 2869; 1389; 2812; 2813; 2819; 2821; 2831; 2833; 2834; 2879; 3079; 3339; 3356

DOW & CO., INC.

1820 Elmwood Ave., Buffalo, N. Y. 14207
Tel. 716-877-4100

*Chrm.—Jane P. Dow (Mrs.)
*Pres & Treas.—Peter B. Dow
*V-P—James P. Dow
*Secy—Violet G. Heiman (Miss)
Accts.—Dopkins & Co., Buffalo, N. Y.
Primary Bank—Manufacturers & Traders Trust Co.
Primary Law Firm—Magavern, Magavern Lowe, Beilwech, Dopkins & Fedale
Sales Range: \$10-12Mil Employees: 66
*Also DIRECTORS—Other Directors Are:
Mary D. Severs Samuel D. Magavern
Irving Francis

(Continued on next page)

PRODUCTS: Contractors, industrial & municipal equip.
S.I.C. 1629

DOW-CONSTRUCTION CO.

(Subs. Dow-Welley Industries)

One Dow-Walley Plaza, Uniontown, Pa. 15401
Tel. 412-438-0050

Chrm—Walter Edward Walley, Sr.
Pres—Walter Edward Walley, Jr.
V-P—M. D. Walley
V-P—Tom Evans
V-P—D. Duval
Accts—Michael D. Hanna, Pittsburgh, Pa.
Primary Bank—First National Bank
Primary Law Firm—Molinaro Associates
Sales: \$2.70Mil Employees: 165
BUSINESS: Engineers & general contractors, equip. & machine mfg.
S.I.C. 8911; 1542; 3531

DOW CORNING CORP.

Box 1767, Midland, Mich. 48640
Tel. 517-496-4000

*Pres—J. S. Ludington
Exec V-P—L. A. Reed
*V-P—W. J. Hargreaves
V-P—J. K. Campbell
V-P (Mktg & Distr)—D. K. Layne
V-P—L. J. Tyler
V-P & Asst—J. L. Griffin
V-P (Fin) & Chief Fin Officer—D. C. Watters
V-P—A. B. Boehm
V-P—R. L. Johnson
V-P—R. E. Vidal
V-P (Per)—E. Steinhoff
V-P (R & D, Engr & Tech Serv)—Donald R. Weyenberg

Secy & Gen Coun—J. R. Jenkins
Treas—R. R. Sexton
Cont—R. A. Hazleton
Accts—Price Waterhouse
Primary Bank—Citibank, N.A.
Sales: \$662Mil Employees: 5,800

*Also DIRECTORS—Other Directors Are:
P. F. Orefice H. D. Doan
A. Houghton, Jr. R. M. Keil
J. R. Houghton R. Dulude
J. L. Rooke J. L. Flynn
T. C. McAvoy R. R. Maneri
H. W. Henry

PRODUCTS: Silicones, silicone chemicals, hyper pure silicon, solid lubricants
S.I.C. 2821; 2869

DOW HOWELL GILMORE ASSOC. INC.

315 Post St., Midland, Mich. 48640
Tel. 517-835-6761

Pres—James H. Howell
Exec V-P—William H. Gilmore
Associate—Jack P. Lee
Associate—Charles B. Blacklock
Treas & Secy—Richard G. Schell
Accts—Burnside, Lang & Taylor, Midland, Mich.
Primary Bank—Chemical Bank & Trust Co.
Primary Law Firm—Riecker, George, Hartley & Van Dam
Sales: \$2.50Mil Employees: 35
BUSINESS: Architectural/engineering serv. developers, investors
S.I.C. 8911; 6552; 6799

DOW JONES & CO., INC.

22 Cortlandt St., New York, N. Y. 10007
Tel. 212-285-5000

*Chrm & Chief Exec Officer—Warren H. Phillips
*Vice-Chrm—Donald A. Macdonald
*Pres & Chief Oper Officer—Ray Shaw
Sr V-P—George W. Flynn
Sr V-P (Fin)—Frederick G. Harris
V-P (News)—Edward R. Cony
V-P & Gen Mgr—William L. Dunn
V-P (Staff Devel)—Betty A. Duval
V-P (Legal)—W. Gilbert Faulk, Jr.
V-P & Assoc Publ (Wall Street Journal)—Peter R. Kann
V-P (Mktg)—Bernie T. Flanagan
V-P (Community Newspapers)—James H. Ottaway, Jr.
V-P (Plan)—Sterling E. Soderlund
V-P (Adv. Wall Street Journal)—Lee Heffner
V-P (Cir)—Ken Burenga
V-P (Oper Serv)—Kim Breeze
V-P (Inf Serv Group)—Carl Valenti
V-P (Inf Serv Group)—William R. Clabby
V-P (Books)—Robert A. Schmitz
Treas—Leonard E. Doherty
Secy—Robert Potter
Compt—Kevin J. Roche
Publ & Editor (Wall Street Journal)—Fred Zimmerman
Exec Editor—Fred Taylor (Wall Street Journal)
Mgn Editor (Wall Street Journal)—Norman Pearlstine
Publ (Wall Street Journal/Europe)—Paul Atkinson
Mgn Editor (Dow Jones News Serv)—Everett Groselose
Editor (Wall Street Journal)—Robert Bartley
Editorial Dir (Barrow's)—Robert Bleiberg
Mgn Dir (Dow Jones Intl Marketing Serv)—Dan Cates
Natl Prod Mgr—William Harmer
Circ Service Mgr—Robert Wilson
Dir Empt Rel—Larry Witham
Gen Serv Mgr—Guy Nardo
Cor Rel Dir—Lawrence A. Armour
Accts—Coopers & Lybrand, New York, N. Y.
Primary Bank—Manufacturers Hanover Trust Co.
Primary Law Firm—Belknap, Webb & Tyler
Revenue: \$866.44Mil Employees: 6,800

Stock Exchange(s): NYS, BST, MID, PSE

*Also DIRECTORS—Other Directors Are:

William M. Ages Rand V. Araskog
Bettina Bancroft William C. Cox, Jr.
Davis W. Gregg Martha S. Griffiths
Vernon E. Jordan, Jr. Jane B. Cook
Rene C. McPherson Robert S. Potter
James Q. Riordan Vermont Royster
Charles A. Meyer Richard D. Wood
BUSINESS: Publishing of financial periodicals & newspaper; provides a news service
S.I.C. 2711; 2731; 7351

DOWCRAFT CORP.

65 S. Dow St., Falconer, N. Y. 14733
Tel. 716-665-6210

*Chrm—Alfred G. Ford, Hotel Jamestown Bldg., Jamestown, N. Y.
*Pres—James E. Graves
*Exec V-P—Gene L. Sadowski
*V-P (Partition Div)—M. R. Gustafson
*V-P (Spec Products Div)—M. Richard Jankowski
Secy & Treas—Weldon M. Nelson, Jr.
Accts—Corey, Fielder, Johnson & Vanstrom, Jamestown, N. Y.
Primary Bank—Marine Midland
Primary Law Firm—Alfred G. Ford
Sales: \$8Mil Employees: 110

*Also DIRECTORS—Other Directors Are:
Gene DeMambro R. C. Johnson
S. N. Lundine P. W. Sandberg
PRODUCTS: Movable metal partitions & metal specialties
S.I.C. 3542; 3499

THE DOWD COMPANY, INC.

90 Commerce Way, Woburn, Mass. 01801
Tel. 617-933-8920

*Chrm Bd—Robert J. Dowd
*Pres—Francis J. Viegas
V-P (Visual Mdsng)—Martin B. Mahoney
V-P—Donald Fay
*Treas—Daniel F. Sullivan
Purch Agt—Leonard Sherry
*Clerk & Atty—Charles Sullivan
Accts—Theodore S. Samet & Co., Boston, Mass.
Primary Bank—Middlesex Bay Bank
Primary Law Firm—Sullivan, Sorgi & Dimmock
Sales: \$20Mil Employees: 110

*Also DIRECTORS
PRODUCTS: Paper products and plastic pkg. (wholesale)
S.I.C. 3111; 5112; 5113

DOWD DEVELOPMENTS

P. O. Box 107, Elm Grove, Wis. 53122
Tel. 414-786-9777

Owner—Douglas F. Dowd
Acct—Donald Farrey
Field Engr—Terry Purvis
Accts—Winter, Kloman, Motor & Repp, Wauwatosa, Wis.
Primary Bank—First Bank Milwaukee, N.A.
Primary Law Firm—Frank & Hiller Ltd.
Sales Range: \$3–4Mil
BUSINESS: Land devel., residential constr., apartments, condominiums, homes
S.I.C. 6552; 1521; 1522

DOWDLE SPORTING GOODS

2896 Walnut Grove Rd., Memphis, Tenn. 38111
Tel. 901-327-7381

Chrm—B. C. Dowdle
Pres—Wm. A. Dowdle
V-P—Wayne C. Dowdle
V-P—W. N. Arterburn
Treas—Mercedes King
Secy—Jeanne C. Dowdle
Primary Bank—Union Planters National Bank
Sales: \$2.50Mil Employees: 31
BUSINESS: Retail sporting goods
S.I.C. 5941

DOWLING BAG CO.

910 River St., Valdosta, Ga. 31601
Tel. 912-244-0133

*Chrm & Secy—James L. Dowling
*Pres & Treas—James L. Dowling, Jr.
V-P—R. J. Maturi
V-P—M. A. Drumheller
V-P—E. W. Coogan, Jr.
Prod Mgr—T. A. Aligood
Accts—Stewart, Giles & Co., Valdosta, Ga.
Primary Bank—First Natl. Bank of Valdosta
Primary Law Firm—Tillman, McTier & Coleman
Sales: \$30Mil Employees: 400
*Also DIRECTORS—Other Directors Are:
Howard Dasher
PRODUCTS: Textile & paper bags
S.I.C. 2393; 2643

DOWLING'S INC.

Rte. 7N, Saint Albans, Vt. 05478
Tel. 802-524-6400

*Pres—Hubert Dowling
*Exec V-P—Larry Aunchman
*Secy, Treas & Data Proc Mgr—James King
Catalog Showroom Mgr & Purch Agt—Natalie Dowling
Catalog Showroom Adv Mgr & Purch Agt—Mark Dowling
Purch Agt—Larry Aunchman
FI & BA Purch Agt—Arthur R. Goyette
Accts—Briggs, Keyes Co., Saint Albans, Vt.
Primary Bank—People Trust Co.
Primary Law Firm—Brown, Cahill & Gawne
Sales: \$12Mil Employees: 45
*Also DIRECTORS

BUSINESS: Tobacco, candy, sundries, catalog showroom, health & beauty aids
S.I.C. 5194; 5122; 5145; 5149; 5961

DOWN RIVER CASTING CO.

32840 Cleveland St., Rockwood, Mich. 48173
Tel. 313-379-9666

*Pres—Raymond E. Skinner
*V-P & Secy—Townsend R. Dodge
Treas—Raymond E. Skinner
Purch Agt—Ronald V. Robillard
Sales Range: \$2–4Mil Employees: 25
*Also DIRECTORS

PRODUCTS: Brass & bronze castings
S.I.C. 3362

B. L. DOWNEY COMPANY, INC.

1200 S. 54th Ave., Cicero, Ill. 60650
Tel. 312-242-2782

*Pres—Bernard L. Downey
V-P & Plant Mgr—D. L. Smith
*Treas—Jean Ann Downey
*Secy—Timothy J. Downey
Accts—Pressner, DeGraff & Co., Chicago, Ill.
Primary Bank—Ford City Bank
Primary Law Firm—R. Bohem & Weinstein
Sales: Under \$8Mil Employees: 130

*Also DIRECTORS
PRODUCTS: Plastic coaters; expanded metal & wire mesh; plain or cushion coated with epoxy or heavy plastic; for industrial plants & livestock
S.I.C. 3479; 3496

DOWNEY INC.

(Subs. K&G of Wisconsin Inc.)

2203 W. Michigan St., Milwaukee, Wis. 53201
Tel. 414-933-3123

*Chrm & Treas—K. M. Coffman
*Pres & Gen Mgr—Kenneth M. Coffman
*Exec V-P—Gregory M. Coffman
V-P—Richard H. Gust
V-P—Jerome W. Yanz
*Secy—William S. Pickett
Purch Agt—Nicholas J. Zwaska
Chief Engr—John Lichosik
Accts—Touche Ross & Co., Milwaukee, Wis.
Primary Bank—Marine National Exchange Bank
Primary Law Firm—Reinhart, Boerner, VanDeuren, Norris & Rieselbach
Sales Range: \$10–15Mil Employees: 150

*Also DIRECTORS
BUSINESS: Heating, ventilating air conditioning, plumbing, fire protection & process piping (mech. contractor)
S.I.C. 1711

DOWNEY SAVINGS & LOAN ASSN.

3200 Bristol, Costa Mesa, Cal. 92626
Tel. 714-549-8811

*Pres—Maurice L. McAlister
*Chief Exec Officer—Gerald H. McQuarrie
Exec V-P—A. G. Giustina
Sr V-P & Treas—A. J. Morsillo
V-P (Real Estate Devel)—A. Terrance Dickens
V-P (Loan Proc)—B. J. Brehm
V-P (Appraisal Dept)—James B. Wade
V-P (Secondary Mgtg Mktg, Loans & Mgtg Banking)—Cliff Piscitelli
V-P (Adv Mgr)—Chris Bell
V-P (Per)—Nancy Gucciardo
V-P (Legal Coun)—Gary Steinberg
Asst V-P (Loan Serv)—Dave Casterline
Accts—Feat, Marwick, Mitchell & Co., Newport Beach, Cal.
Primary Bank—Bank of America SA & NA
Gross Oper Earns: \$195.43Mil Employees: 627
Stock Exchange(s): ASE, BST, PAC
*Also DIRECTORS—Other Directors Are:
Benjamin Hansen Paul Kouri
J. Arthur Morris Donna Nielsen
Schuyler P. Strang
BUSINESS: Savings & loan assn.
S.I.C. 6123

DOWNEY WELDING & MFG. CO.

8029 Phlox, Downey, Cal. 90241
Tel. 213-923-9616

*Chrm, Pres, Sales Mgmt—George Cade
*Treas—Pearl Cade
Secy—Janet Cade
Chief Estimator—Jack Purtell
Purch Agt—Jerry Deliso
Accts—Patrick Gaddney, Bellflower, Cal.
Primary Bank—Capital Natl. Bank
Sales Range: \$1.50–2Mil Employees: 16
*Also DIRECTORS
BUSINESS: Welding
S.I.C. 7692

DOWNHOLE SEISMIC SERVICES

(Subs. Western Geophysical Co. of America)
1500 4th St., Box 836, Harvey, La. 70059
Tel. 504-393-9770

Pres—D. S. Skerl
V-P (Oper)—Paul S. Henson
BUSINESS: Downhole geophysical surveys
S.I.C. 1382

DOWNING DISPLAYS INC.

115 W. McMicken Ave., Cincinnati, Ohio 45210
Tel. 513-621-7888

*Pres—Jack G. Downing
*Exec V-P—Erwin W. Dewald
*Asst Treas—Joseph V. Gettelfinger
*Asst Secy—William N. Kirkham
Accts—Baudendistel, Button & Co., Cincinnati, Ohio

REGISTEK

ized bearings, ind.
sembly equip.
33; 3541; 3545;
1623; 3713; 3823;

CO.

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nn. 38101

NYC, N. Y.

NYC, N. Y.

rectors Are:
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OME INC.
o, Ill. 60618

Evanston, Ill.
Bank
er & Komar

S
avy nickle, plating,

S LTD.

in, Ont. Can.

Can.
ion Bank
lfrey & Lewtas

Directors Are:
rwood
alliance

& folding paper boxes,
paper cups, plates
5113; 5153

PRODUCTS

ucts Co.)

Ohio 44622

vn, Ohio

Rigelhaupt

RS

ODS, INC.

ore, Md. 21230

6

, Md.
s: 175
ackaging (wholesale)

NG CO.

Steel Co.)

er, Mass. 02721

36

res, metal wastebaskets,
p.

DOW CHEMICAL CO.

2030 Willard H. Dow Ctr., Midland, Mich. 48640
Tel. 517-436-1000



*Pres & Chief Exec Officer—Paul F. Orefice
*Chrm—Robert W. Lundeen
*Exec V-P—Hunter W. Henry
*Exec V-P (Fin V-P)—Robert M. Keil
*Exec V-P—Joseph G. Temple, Jr.
*Sr V-P—David L. Rooke
*Group V-P—Keith R. McKennon
*Group V-P—Robert E. Naegele
*V-P—Evelyn Blair
*V-P—Donald A. Rikard
*V-P—David P. Shetz
*V-P—T. J. Walker
*Treas—Wilson A. Gay
*Secy—Herbert H. Dow
Gen Coun—Wayne M. Hancock
Cont—Roger L. Kessler
Aud—Dale A. Bywater
Accts—Deloitte Haskins & Sells, Detroit, Mich.
Revenue: \$10.60Bil Employees: 56,559
Stock Exchange(s): NYS, BST, PAC, MID, TOR, CIN
*Also DIRECTORS—Other Directors Are:
Herbert D. Doan Barbara H. Franklin
J. M. Leathers William N. Lipscomb, Jr.
Paul W. McCracken Frank P. Popoff
G. James Williams

PRODUCTS: Plastics, industrial chemicals, metals,
agricultural, pharmaceuticals, packaging, consumer
products
S.I.C. 3079; 1389; 2812; 2819; 2821; 2831; 2834; 2865;
2869; 2879; 3339; 3356

DOW CHEMICAL U.S.A.

(Div. The Dow Chemical Co.)

Willard H. Dow Center, Midland, Mich. 48640
Tel. 517-636-1000

Pres—Hunter W. Henry
Group V-P (Adm Serv)—R. Bruce Johnson
V-P (Coml-Product Dept & Mktg)—A. J. Butler
V-P (Oper)—Paul M. Pankratz
V-P (R&D)—Irving G. Snyder, Jr.
V-P & Gen Coun—J. H. Hanes
V-P (Inf Sys)—W. B. Burks
Treas—Arnold J. Johnson
Cont—W. C. Schmidt
Sales: \$5.10Bil Employees: 32,770
PRODUCTS: Chemicals, metals, plastics, packaging,
agricultural, pharmaceutical & consumer products, oil well
services
S.I.C. 2869; 1389; 2812; 2813; 2819; 2821; 2831; 2833;
2834; 2879; 3079; 3339; 3356

DOW & CO., INC.

1820 Elmwood Ave., Buffalo, N. Y. 14207
Tel. 716-877-4100

*Chrm—Jane P. Dow (Mrs.)
*Pres—Peter B. Dow
*V-P & Treas—James P. Dow
*Secy—Violet G. Heiman (Miss)
Accts—Allen, Abt & Co., Buffalo, N. Y.
Primary Bank—Manufacturers & Traders Trust Co.
Primary Law Firm—Magavern, Magavern Lowe,
Bellewech & Dopkins
Sales Range: \$10–12Mil Employees: 66
*Also DIRECTORS—Other Directors Are:
Mary D. Seavers Samuel D. Magavern
PRODUCTS: Contractors, industrial & municipal equip.
S.I.C. 1629

DOW-CONSTRUCTION CO.

(Subs. Dow-Welley Industries)

One Dow-Welley Plaza, Uniontown, Pa. 15401

Tel. 412-438-0050

Chrm—Walter Edward Walley, Sr.
Pres—Walter Edward Walley, Jr.
V-P—M. D. Walley
V-P—Tom Evans
V-P—D. Duvall
Accts—M. Hanna Co., Pittsburgh, Pa.
Primary Bank—First National Bank
Primary Law Firm—Molinaro Associates
Sales: \$2.70Mil Employees: 165
BUSINESS: Engineers & general contractors, equip. &
machine mfg.
S.I.C. 8911; 1542; 3531

DOW CORNING CORP.

Box 1767, Midland, Mich. 48640

Tel. 517-496-4000

*Pres—J. S. Ludington
*Exec V-P—L. A. Reed
*V-P—W. J. Hargreaves
*V-P—J. K. Campbell
*V-P (Mktg & Distr)—D. K. Layne
*V-P—L. J. Tyler
*V-P & Aud—J. L. Griffin
*V-P (Fin) & Chief Fin Officer—D. C. Watters
*V-P—A. B. Boehm

V-P—R. L. Johnson
V-P—R. E. Vidal
V-P (Per)—E. Steinhoff
V-P (R & D, Engr & Tech Serv)—Donald R.
Weyenberg

Secy & Gen Coun—J. R. Jenkins
Treas—R. R. Sexton
Cont—R. A. Hazleton
Accts—Price Waterhouse
Primary Bank—Citibank, N.A.
Sales: \$662Mil Employees: 5,800

*Also DIRECTORS—Other Directors Are:
P. F. Orefice H. D. Doan
A. Houghton, Jr. R. M. Keil
J. R. Houghton R. Dulide
D. L. Rooke J. L. Flynn
T. C. McAvoy R. T. Maner
H. W. Henry

PRODUCTS: Silicones, silicone chemicals, hyper pure
silicon, solid lubricants
S.I.C. 2821; 2869

DOW HOWELL GILMORE ASSOC. INC.

315 Post St., Midland, Mich. 48640

Tel. 517-835-6761

Pres—James H. Howell
Exec V-P—William H. Gilmore
Associate—Jack P. Lee
Associate—Charles B. Blacklock
Treas & Secy—Richard G. Schell
Accts—Burnside, Lang & Taylor, Midland, Mich.
Primary Bank—Chemical Bank & Trust Co.
Primary Law Firm—Riecker, George, Hartley & Van
Dam

Sales: \$2.50Mil Employees: 35
BUSINESS: Architectural/engineering serv. developers,
investors
S.I.C. 8911; 6552; 6799

DOW JONES & CO., INC.

22 Cortlandt St., New York, N. Y. 10007

Tel. 212-285-5900

*Chrm & Chief Exec Officer—Warren H. Phillips
*Vice-Chrm—Donald A. Macdonald
*Pres & Chief Oper Officer—Ray Shaw
Sr V-P—George W. Flynn
V-P (News)—Edward R. Cony
V-P & Gen Mgr—William L. Dunn
V-P (Staff Devel)—Bert A. Duval
V-P (Fin)—Frederick G. Harris
V-P (Legal)—W. Gilbert Faulk, Jr.
V-P & Assoc Publ (Wall Street Journal)—Peter R.
Kann
V-P (Mktg)—Bernie T. Flanagan
V-P—James H. Ottaway, Jr.
V-P (Plan)—Sterling E. Soderlind
V-P & Editorial (Barrens)—Robert Bleiberg
V-P (Ad, Wall Street Journal)—Lee Helfner
V-P (Cir)—Ken Burenga
V-P (Oper Serv)—Kim Breese
V-P (Oper Serv)—Kurt Olson
V-P (Inf Serv Group)—Carl Valenti
V-P (Inf Serv Group)—William R. Clabby
V-P—Robert A. Schmitz
Treas—Leonard E. Doherty
Secy—Robert Potter
Compt—Kevin J. Roche
Exec Editor—Fred Taylor (Wall Street Journal)
Mgn Editor—Laurence G. O'Donnell (Wall Street
Journal)

Mgn Editor (Dow Jones News Serv)—Everett
Groselock
Editor (Wall Street Journal)—Robert Bartley
Mgn Dir (Dow Jones Ind Marketing Serv)—Paul
Atkinson

Natl Prod Mgr—William Harmer
Circ Service Mgr—Robert Wilson
Dir Enpl Rel—Larry Witham
Gen Serv Mgr—Guy Nardo
Car Rel Dir—Lawrence A. Armour
Accts—Coopers & Lybrand, New York, N. Y.
Primary Bank—Manufacturers Hanover Trust Co.
Primary Law Firm—Belknap, Webb & Tyler
Revenue: \$730.67Mil Employees: 5,000
Stock Exchange(s): NYS, BST, MID, PSE

*Also DIRECTORS—Other Directors Are:
William M. Agee Rand V. Araskog
Betina Bancroft William C. Cox, Jr.
Davis W. Gregg Martha S. Griffiths
Vernon E. Jordan, Jr. Jane B. Cook
Rene C. McPherson James H. Ottaway, Sr.
Robert S. Potter James Q. Riordan
Vernmont Royster Charles A. Meyer
Richard D. Wood

BUSINESS: Publishing of financial periodicals &
newspaper; provides a news service
S.I.C. 2711; 2731; 7351

DOWCRAFT CORP.

65 S. Dow St., Falconer, N. Y. 14733

Tel. 716-665-6210

*Chrm—Alfred G. Ford, Hotel Jamestown Bldg.,
Jamestown, N. Y.
*Pres—James E. Graves
*Exec V-P—Gene L. Sadowski
*V-P (Partition Div)—M. R. Gustafson
*V-P (Spec Products Div)—M. Richard Jankoski
*Secy & Treas—Weldon M. Nelson, Jr.
Accts—Halsted, Corey & Co., Jamestown, N. Y.
Primary Bank—Marine Midland
Primary Law Firm—A. G. Ford
Sales: \$4Mil Employees: 95

*Also DIRECTORS—Other Directors
Gene DeMambro R. C. Johnson
PRODUCTS: Movable metal partitions & met
S.I.C. 2542; 3499

THE DOWD COMPANY, IN

90 Commerce Way, Woburn, Mass. 0

Tel. 617-935-8920

*Chrm Bd—Robert J. Dowd
*Pres—Francis J. Viegas
V-P (Visual Mdsng)—Martin B. Mahoney
V-P—Donald Fay
*Treas—Daniel F. Sullivan
Purch Agt—Leonard Sherry
*Clerk & Atty—Charles Sullivan
Accts—Theodore Samet & Co., Boston, Mass.
Primary Bank—Middlesex Bay Bank
Primary Law Firm—Sullivan, Sorgi & Duggan
Sales: \$20Mil Employees: 110
*Also DIRECTORS
PRODUCTS: Paper products and plastic pkg.
S.I.C. 5111; 5112; 5113

DOWD DEVELOPMENTS

P. O. Box 107, Elm Grove, Wis. 531

Tel. 414-786-9777

Owner—Douglas F. Dowd
Acct—Donald Farrey
Field Engr—Terry Purvis
Accts—Winter, Kloman, Motor & Repp, Wau
Wis.
Primary Bank—First Bank Milwaukee, N.A.
Primary Law Firm—Frank & Hiller Ltd.
Sales Range: \$3–4Mil
BUSINESS: Land devel., residential constr.,
condominiums, homes
S.I.C. 6552; 1521; 1522

DOWDLE SPORTING GOOD

2896 Walnut Grove Rd., Memphis, Tenn.

Tel. 901-327-7381

Pres—B. C. Dowdle
V-P—Win. A. Dowdle
V-P—Wayne C. Dowdle
V-P—W. N. Arterburn
Treas—Mercedes King
Secy—Jeanne C. Dowdle
Primary Bank—Union Planters National Bank
Sales: \$2.50Mil Employees: 31
BUSINESS: Retail sporting goods
S.I.C. 5941

DOWLING BAG CO.

910 River St., Valdosta, Ga. 31601

Tel. 912-244-0133

*Chrm & Secy—James L. Dowling
*Pres & Treas—James L. Dowling, Jr.
V-P—R. J. Matur
V-P—M. A. Drumheller
V-P—E. W. Coogan, Jr.
Prod Mgr—T. A. Allgood
Accts—Stewart, Giles & Co., Valdosta, Ga.
Primary Bank—First Natl. Bank of Valdosta
Primary Law Firm—Tillman, McTier & Colen
Sales: \$30Mil Employees: 400
*Also DIRECTORS—Other Directors

Howard Dasher
PRODUCTS: Textile & paper bags
S.I.C. 2393; 2643

DOWLING'S INC.

Rte. 7N, Saint Albans, Vt. 05478

Tel. 802-524-6400

*Pres—Hubert Dowling
*Exec V-P—Larry Aunchman
*Secy, Treas & Data Proc Mgr—James King
Catalog Showroom Mgr & Purch Agt—Natalie
Catalog Showroom Adv Mgr & Purch Agt—M
Dowling
Purch Agt—Larry Aunchman
H & BA Purch Agt—Arthur R. Goyette
Accts—Briggs, Keyes & Co., Saint Albans, Vt.
Primary Bank—People Trust Co.
Primary Law Firm—Brown, Cahill & Gawne
Sales: \$12Mil Employees: 45
*Also DIRECTORS

BUSINESS: Tobacco, candy, sundries, catalog s
health & beauty aids
S.I.C. 5194; 5122; 5145; 5149; 5961

DOWN RIVER CASTING CO.

32840 Cleveland St., Rockwood, Mich. 41

Tel. 313-379-9666

*Pres—Raymond E. Skinner
*V-P & Secy—Townsend F. Dodge
Treas—Raymond E. Skinner
Purch Agt—Ronald V. Robillard
Sales Range: \$2–4Mil Employees: 50
*Also DIRECTORS
PRODUCTS: Brass & bronze castings
S.I.C. 3362

B. L. DOWNEY COMPANY, IN

1200 S. 54th Ave., Cicero, Ill. 60650

Tel. 312-242-2782

*Pres—Bernard L. Downey
V-P & Plant Mgr—D. L. Smith
*Treas—Jean Ann Downey
*Secy—Catherine Maciejewski
Accts—Pressner, DeGraff & Company, Chicago
Primary Bank—Exchange National Bank
Primary Law Firm—Hirschtritt, Hirschtritt & C
Sales: Under \$8Mil Employees: 130
*Also DIRECTORS

DOUWE EGBERTS SUPERIOR COMPANY

(Subs. Douwe Egberts NV)

990 Supreme Dr., Bensenville, Ill. 60106
Tel. 312-489-1000

*Chrm—Nat Ziven
*Pres—Jason C. Becker
Exec V-P (Fin)—Daniel R. Kulik
Treas—Sheldon Pines
Cont—Tony Valvo
Accts—Arthur Andersen & Co., Chicago, Ill.
Primary Bank—Continental Illinois National Bank and
Trust Company of Chicago
Employees: 900

*Also DIRECTORS—Other Directors Are:
Leo Van Dongen, J. W. Vonky, Earl Cohn
Gordon Newman

PRODUCTS: Coffee (blenders & roasters), coffee urns
(mfg.), food products for restaurants & institutions
S.I.C. 2099; 2055; 3589

DOVE DIE & STAMPING CO.15665 Brookpark Rd., Cleveland, Ohio 44142
Tel. 216-267-3720

Pres & Sales Mgr—Jerry Wagner
Exec V-P—Anton Kapela
V-P (Engr)—Richard Hlavac
V-P (Prod & Purch)—Warren E. Griffo
Secy & Treas—Vincent S. Gilpin
Sales: \$5.50Mil Employees: 100
PRODUCTS: Metal stampings
S.I.C. 3469

DOVER CORPORATION277 Park Ave., New York, N.Y. 10017
Tel. 212-826-7160

*Chrm—T. C. Sutton
*Pres & Chief Exec Officer—Gary L. Roubos

Exec V-P—John S. Brant
V-P—John B. Apple
V-P—James L. Benke
V-P—Lewis E. Burns
V-P—W. Cameron Caswell
V-P—Richard T. Farrell
V-P—Robert C. Carl
V-P—Thomas H. Cross
V-P—Edwin L. Bechtold
V-P—John B. McGowan
V-P—Thomas S. Spangrud
V-P—William J. Petter
V-P & Treas—Robert S. Bethe
V-P—Thomas L. Reece
V-P—Don W. Humphreys
V-P—Harmon L. Ruhlison
Secy—Cloyd Laporte, Jr.
Accts—Peat, Marwick, Mitchell & Co.
Sales: \$835.17Mil Employees: 12,051
Stock Exchange(s): NYS

*Also DIRECTORS—Other Directors Are:
Magalen O. Bryant
Michael Devas
Kenneth N. LaVine
George L. Ohrstrom
George L. Ohrstrom

PRODUCTS: Hydraulic & traction elevators, auto. lifts,
piston rings & metallic packing, valves & nozzles to handle
gasoline & other hazardous liquids, toggle clamps, reed
valves, sucker rods, sub-surface oil well pumps rotary
pumps, butterfly valves, controls, filter-strainer units, food
processing equip., welding equip., automatic screw
machines, wreckers, ind. instrum., specialized bearings, ind.
heat exchangers, electronic circuitry assembly equip.
S.I.C. 3534; 1796; 3443; 3469; 3494; 3533; 3541; 3545;
3589; 3561; 3568; 3569; 3589; 3599; 3623; 3713; 3823;
5084

DOVER ELEVATOR CO.

(Subs. Dover Corporation)

P.O. Box 2177, Memphis, Tenn. 38101
Tel. 601-393-2110

*Chrm—Gary L. Roubos, 277 Park Ave., NYC, N.Y.
*Pres—John B. Apple
V-P & Secy—George E. Powell
V-P—K. N. Lavine, 277 Park Ave., NYC, N.Y.
Treas—George A. Schrodt
Accts—Peat, Marwick, Mitchell & Co.
Sales: Over \$50Mil Employees: 2,000

*Also DIRECTORS—Other Directors Are:
Robert S. Bethe
John S. Brant
Richard Ohrstrom
PRODUCTS: Elevators
S.I.C. 3534

DOVER INDUSTRIAL CHROME INC.2929 N. Campbell Ave., Chicago, Ill. 60618
Tel. 312-478-2022

*Pres & Treas—Ariel G. Schrodt
V-P (Sales)—John Shay
V-P (Mfg)—Donald L. Kline
Secy—Michael C. Kent
Accts—Michael C. Kent, Evanston, Ill.
Primary Bank—American National Bank
Primary Law Firm—Blatt, Hasenmiller & Komar
Sales: Under \$1Mil

*Also DIRECTORS
BUSINESS: Hard chromium & heavy nickel plating,
grinding, polishing, superfinishing
S.I.C. 3471; 3479

DOVER INDUSTRIES LTD.145 Mac Nab St., N. Hamilton, Ont. Can.
Tel. 416-528-0051

*Pres—M. Campbell (Mrs.)
*V-P—D. Smith

*V-P—C. L. Weckman

*V-P—T. G. Shea

*V-P—D. H. Wigle

*V-P (Fin), Secy & Treas—John R. McPhee

V-P—D. G. Green

Accts—Price Waterhouse & Co., Hamilton, Can.

Primary Bank—The Toronto-Dominion Bank

Primary Law Firm—Campbell, Godfrey & Lewtas

Sales: \$60Mil Employees: 450

Stock Exchange(s): TOR

*Also DIRECTORS—Other Directors Are:

W. H. Pinchin G. Sharwood

J. M. Godfrey J. M. Vallance

D. H. Ward W. Morrow

PRODUCTS: Flour, ice cream cones, & molding paper

boxes; lithography, plastics, grain dealers

S.I.C. 2041; 2052; 2631; 2752; 3079; 5153

DOVER POULTRY PRODS., INC.2036 Hollins Ferry Rd., Baltimore, Md. 21230
Tel. 301-837-4436

Pres & Treas—Millard S. Sandler
V-P & Secy—Russell Sandler

V-P—Michael G. Hendler

Accts—Sigel & Milstein, Baltimore, Md.

Sales Range: \$3-6Mil Employees: 175

PRODUCTS: Poultry, dressing & packaging (wholesale)

S.I.C. 5144

DOVER STAMPING CO.

(Div. Parkersburg Steel Co.)

427 Plymouth Ave., Fall River, Mass. 02721
Tel. 617-679-6456

Chrm & Pres—Louis Berkman
V-P—Sidney S. Smith

V-P (Sales)—Carl Thompson

Compt—Ernest R. Richardson

Purch Agt—Clinton Stanley

Sales: \$5.50Mil Employees: 120

PRODUCTS: Galvanized housewares, metal wastebaskets,

paint pots, funnels, mopping equip.
S.I.C. 3469; 3589**DOW BADISCHE CO.**

(Subs. Dow Chemical Co.)

Williamsburg, Va. 23185
Tel. 804-887-6000

*Pres & Chief Exec Officer—Edwin L. Stenzel

Group V-P (Fibers & Yarns)—R. R. Zoccojillo

Group V-P (Chemicals)—J. R. Pinotti

V-P (Mktg Fibers & Yarn)—James P. Connelly

V-P (Tech)—Louis D. Hoblik

V-P & Mgr Dir (Tech Center)—Robert K. Treichler

Fin V-P—J. Bruce Rowell

*Secy—Gilbert Kerlin

Gen Coun—William M. Caviston

Dir Empl Rel—A. R. Trevarthen

Engrs—M. O. Johnson (Pitt-Williamsburg, Va.); W. E.

White (Pitt-Anderson, SC); B. E. Caffall (Engr & Constr-

Freeport, Texas)

Dir Purch, Traffic & Distr—W. Harold Jacobs

Accts—Deloitte Haskins & Sells

Employees: 4,800

*Also DIRECTORS—Other Directors Are:

Earle Barnes J. M. Leathers

E. Henkel P. F. Orefice

H. Kerber M. Minsinger

PRODUCTS: Chemicals & manmade fibers & yarns
S.I.C. 2891; 2823; 2824**DOW CHEMICAL CO.**

2030 Dow Center, Midland, Mich. 48640

Tel. 517-636-1000



*Chrm—Earle B. Barnes

*Chrm Exec Comm, Pres & Chief Oper Officer—Paul F.

Orefice

*Exec V-P—Robert W. Lundeen

*Group V-P—Robert E. Naegeck

*Group V-P—Dave W. Schornstein

*Group V-P—Joseph G. Temple, Jr.

V-P—E. H. Blair

V-P—Clyde H. Boyd

V-P & Chief Fin Officer—R. M. Keil

V-P & Gen Coun—L. F. Harlow

*V-P—J. M. Leathers

*V-P—David L. Rooke

V-P (Pub Affairs)—Keith R. McKennon

*V-P—David P. Sheetz

*V-P—G. J. Williams

Treas—Wilson A. Gay

*Secy—Herbert H. Dow

Cont—Roger L. Kessler

Aud—Dale A. Bywater

Accts—Deloitte Haskins & Sells, Detroit, Mich.

Revenue: \$10.62Bil Employees: 56,800

Stock Exchange(s): NYS, BST, PAC, MID, TOR, CIN

*Also DIRECTORS—Other Directors Are:

Herbert D. Doan Barbara Hackman Franklin

Carl A. Gerstaecker Hunter W. Henry

Paul McCracken

PRODUCTS: Plastics, industrial chemicals, metals,
agricultural, pharmaceuticals, packaging, consumer
products

S.I.C. 3079; 1389; 2812; 2819; 2821; 2831; 2834; 2865;
2869; 2879; 3339; 3556**DOW CHEMICAL U.S.A.**

(Div. The Dow Chemical Co.)

Dow Center, Midland, Mich. 48640

Tel. 517-636-1000

Pres—D. L. Rooke

V-P (Oper)—D. A. Rikard

V-P (Mktg)—B. Butcher

V-P (Gen Coun)—J. H. Hanes

V-P (Supply & Distr)—R. B. Johnson

V-P (Fin)—W. B. Burks

Treas—Arnold Johnson

Sales: \$5.10Bil Employees: 34,800

PRODUCTS: Chemicals, metals, plastics, packaging,

agricultural, pharmaceutical & consumer products, oil well

services

S.I.C. 2869; 1389; 2812; 2813; 2819; 2821; 2831; 2833;
2834; 2879; 3079; 3339; 3556**DOW & CO., INC.**

1820 Elmwood Ave., Buffalo, N.Y. 14202

Tel. 716-877-4100

*Chrm—Jane P. Dow (Mrs.)

*Pres—Peter B. Dow

*V-P & Treas—James P. Dow

*Secy—Violet G. Heiman (Miss)

Accts—Allen, Abt & Co., Buffalo, N.Y.

Primary Bank—Manufacturers & Traders Trust Co.

Primary Law Firm—Magavern, Magavern Lowe,

Beilewech & Hopkins

Sales Range: \$10-12Mil Employees: 66

*Also DIRECTORS—Other Directors Are:

Mary D. Seever

Samuel D. Magavern

PRODUCTS: Contractors, industrial & municipal equip.

S.I.C. 1629

DOW CORNING CORP.

Box 1767, Midland, Mich. 48640

Tel. 517-496-4000

*Pres—J. S. Ludington

*Exec V-P—W. J. Hargreaves

*Exec V-P—R. R. Mancini

Exec V-P—L. A. Reed

V-P—J. K. Campbell

V-P (Mktg & Distr)—D. K. Layne

V-P—L. J. Tyler

V-P & Aud—J. L. Griffin

V-P & Chief Fin Officer—D. C. Watters

V-P—A. B. Boehm

V-P—R. L. Johnson

V-P—R. E. Vidal

V-P (Per)—E. Steinhoff

V-P (R & D, Engr & Tech Serv)—Donald R.

Weyenberg

V-P, Secy & Gen Coun—S. W. Guitard

Treas—R. R. Sexton

Cont—R. A. Hazleton

Accts—Price Waterhouse & Co.

Primary Bank—Citibank, N.A.

Sales: \$681Mil Employees: 5,600

*Also DIRECTORS—Other Directors Are:

Oakes Ames

P. F. Orefice

H. D. Doan

A. Houghton, Jr.

R. M. Keil

J. R. Houghton

E. B. Barnes

D. L. Rooke

V. C. Campbell

T. C. McAvo

PRODUCTS: Silicones, silicone chemicals, hyper pure

silicon, solid lubricants

S.I.C. 2821; 2869

DOW JONES & CO., INC.

22 Cortlandt St., New York, N.Y. 10007

Tel. 212-285-5000

*Chrm & Chief Exec Officer—Warren H. Phillips

*Vice-Chrm—Donald A. Macdonald

*Pres & Chief Oper Officer—Ray Shaw

Sr V-P—George W. Flynn

V-P (News)—Edward R. Cony

V-P & Gen Mgr—William L. Dunn

V-P (Staff Devel)—Betty A. Duval

V-P (Fin)—Frederick G. Harris

V-P (Legal)—W. Gilbert Faulk, Jr.

V-P & Assoc Publ (Wall Street Journal)—Peter R.

Kann

V-P (Mktg)—Bernie T. Flanagan

V-P—James H. Ottaway, Jr.

V-P (Plan)—Sterling E. Soderlund

V-P (Intl Group)—Paul Atkinson

V-P & Editorial (Barrons)—Robert Bleiberg

V-P (Adv. Wall Street Journal)—Lee Heffner

V-P (Cir. Wall Street Journal)—Ken Burenga

V-P (Oper Serv)—Kim Breese

V-P (Oper Serv)—Kurt Olson

V-P (Inf Serv Group)—Carl Valenti

V-P (Inf Serv Group)—William R. Clabby

Treas—Fred Hetzel

Secy—Robert Potter

Compt—Kevin J. Roche

Exec Editor—Fred Taylor (Wall Street Journal)

Mga Editor—Laurence G. O'Donnell (Wall Street

Journal)

Mga Editor (Dow Jones News Serv) & Dir Pub

Affairs—Everett Groselose

Editor (Wall Street Journal)—Robert Bartley

Natl Prod Mgr—William Harner

Circ Service Mgr—Robert Wilson

Per Mgr—Howard E. Maher

Gen Serv Mgr—Guy Nardo

Cor Rel Dir—Lawrence A. Armour

BUSINESS: Hard chromium & heavy nickel plating, polishing, superfinishing
S.I.C. 3471

DOVER INDUSTRIES LTD.

145 Mac Nab St., N., Hamilton, Ont. Can.
Tel. 416-525-0051

*Pres—M. Campbell (Mrs.)
*V.P.—D. Smith
*V.P.—C. L. Weckman
*V.P.—T. G. Shea
*V.P.—D. H. Wigle
*V.P. (Fin), Secy & Treas—John R. McPhee
*V.P.—D. G. Green
Accts—Price Waterhouse & Co., Hamilton, Can.
Primary Bank—The Toronto-Dominion Bank, Hamilton, Ont., Can.
Primary Law Firm—Campbell, Godfrey & Lewtas, Toronto, Can.
Sales: \$40Mil Employees: 450
Stock Exchange(s): TOR

*Also DIRECTORS—Other Directors Are:
W. H. Pinchin G. Sharwood
J. M. Godfrey J. M. Vallance
D. H. Ward W. Morrow
PRODUCTS: Flour, ice cream cones, & folding paper boxes, lithography, plastics, grain dealers
S.I.C. 2041; 2052; 2651; 2752; 3079; 5153

DOVER POULTRY PRODS., INC.

2036 Hollins Ferry Rd., Baltimore, Md. 21230
Tel. 301-837-4436

Pres & Treas—Millard S. Sinder
V.P. & Secy—Russell Sinder
V.P.—Michael G. Hendler
Accts—Sigel & Mistein, Baltimore, Md.
Sales Range: \$3–6Mil Employees: 175
PRODUCTS: Poultry, dressing & packaging (wholesale)
S.I.C. 5144

DOVER STAMPING CO.

(Div. The Parkersburg Steel Co.)
427 Plymouth Ave., Fall River, Mass. 02721
Tel. 508-377-4456

Chrm & Pres—Louis Berkman
V.P.—Sidney S. Smith
V.P. (Sales)—Carl Thorp
Compt—Ernest R. Richard
Purch Agt—Clinton Stanley
Sales: \$5.50Mil Employees: 120
PRODUCTS: Galvanized housewares, metal wastebaskets, paint pots, funnels, mopping equip.
S.I.C. 3469; 3589

DOW BADISCHE CO.

(Subs. Dow Chemical Co.)
Williamsburg, Va. 23185
Tel. 804-887-6000

*Pres & Chief Exec Officer—Edwin L. Stenzel
Group V.P. (Fibers & Yarns)—R. R. Zoccolillo
Group V.P. (Chemicals)—J. R. Pinotti
V.P. (Mktg Fibers & Yarn)—James P. Connelly
V.P. (Tech)—Louis D. Hoblit
V.P. & Mgn Dir (Tech Center)—Robert K. Treichler
Fin V.P.—J. Bruce Rowell
*Secy—Gilbert Kerlin
Gen Coun—William M. Caviston
Dir Empl Rel—A. R. Trevathan
Engrs—M. O. Johnson (Plt-Williamsburg, Va.); W. E. White (Plt-Anderson, SC); B. E. Caffall (Engr & Constr. Freeport, Texas)
Dir Purch, Traffic & Distr—W. Harold Jacobs
Accts—Deloitte Haskins & Sells
Employees: 4,800

*Also DIRECTORS—Other Directors Are:
Earle Barnes J. M. Leathers
E. Henkel P. F. Orefice
H. Kerber M. Minsinger
PRODUCTS: Chemicals & manmade fibers & yarns
S.I.C. 2891; 2823; 2824

DOW CHEMICAL CO.

2030 Dow Center, Midland, Mich. 48640
Tel. 517-636-1000



*Chrm—Earle B. Barnes
*Chrm Exec Comm, Pres & Chief Oper Officer—Paul F. Orefice
*Exec V.P.—Robert W. Lundeen
*Fin V.P.—G. James Williams
*Group V.P.—Robert E. Naegele
*Group V.P.—Dave W. Schornstein
V.P.—E. H. Blair
*V.P.—Clyde H. Boyd
V.P. & Cont.—A. P. Hamner
V.P. & Gen Coun—I. F. Harlow
*V.P.—J. M. Leathers
V.P.—Malcolm E. Pruitt
*V.P.—David L. Rooke
V.P.—Keith R. McKennon

Treas—Wilson A. Gay
*Secy—Herbert H. Dow
Dir Pub Affairs—Keith R. McKennon
Aud—Dale A. Bywater
Accts—Deloitte Haskins & Sells, Detroit, Mich.
Revenue: \$9.25Bil Employees: 55,900
Stock Exchange(s): NYS, BST, PAC, MID; TOR, CIN

*Also DIRECTORS—Other Directors Are:
Melvin Calvin Herbert D. Doan
Barbara Hackman Franklin Carl A. Gerstacker
Hunter W. Henry Paul McCracken
Herbert H. Lyon Paul G. Stroebel
Joseph G. Temple, Jr.
PRODUCTS: Plastics, industrial chemicals, metals, agricultural, pharmaceuticals, packaging, consumer products
S.I.C. 3079; 1389; 2812; 2819; 2821; 2831; 2834; 2865; 2869; 2879; 3339; 3356

DOW CHEMICAL U.S.A.

(Div. The Dow Chemical Co.)
Dow Center, Midland, Mich. 48640

Tel. 517-636-1000

Pres—D. L. Rooke
V.P. (Oper)—D. A. Rikard
V.P. (Mktg)—R. M. Keil
V.P. (R&D)—M. E. Pruitt
V.P. (Gen Comm)—J. H. Hanes
V.P. (Supply & Distr)—R. B. Johnson
V.P. (Fin)—W. B. Burks
Sales: \$3.46Bil Employees: 31,000

PRODUCTS: Chemicals, metals, plastics, packaging, agricultural, pharmaceutical & consumer products, oil well services
S.I.C. 2869; 1389; 2812; 2813; 2819; 2821; 2831; 2833; 2834; 2879; 3079; 3339; 3356

DOW & CO., INC.

1820 Elmwood Ave., Buffalo, N. Y. 14207
Tel. 716-877-4100

*Chrm—Jane P. Dow (Mrs.)
*Pres—Peter B. Dow
*V.P. & Treas—James P. Dow
*Secy—Violet G. Heiman (Miss)
Accts—Allen, Aht & Co., Buffalo, N. Y.
Primary Bank—Manufacturers & Traders Trust Co., Buffalo, N. Y.
Primary Law Firm—Magavern, Magavern Lowe, Beilwech & Dopkins, Buffalo, N. Y.
Sales Range: \$10–12Mil Employees: 66
*Also DIRECTORS—Other Directors Are:
Mary D. Seever Samuel D. Magavern
PRODUCTS: Contractors, industrial & municipal equip.
S.I.C. 1629

DOW CORNING CORP.

Box 1767, Midland, Mich. 48640
Tel. 517-496-4000

*Pres—J. S. Lodington
*Exec V.P.—W. J. Hargreaves
V.P. (Pres-Dow Corning USA)—R. R. Maneri
V.P. & Aud—W. W. Pedersen
V.P. (Mktg & Distr)—D. K. Layne
V.P.—L. J. Tyler
V.P. & Treas—J. L. Griffin
V.P.—D. C. Watters
V.P.—A. B. Boehm
V.P.—A. R. Rhodes
V.P.—R. E. Vidal
V.P. (Fin) & Cont.—L. A. Reed
V.P. (Per)—E. Steinhoff
V.P. (R & D, Engr & Tech Serv)—Donald R. Weyenberg
Secy & Gen Coun—S. W. Guitard
Purch Agt—R. E. Neal
Accts—Price Waterhouse & Co.
Sales: \$600Mil Employees: 5,200

*Also DIRECTORS—Other Directors Are:
W. H. Armistead P. F. Orefice
H. D. Doan A. Houghton, Jr.
G. J. Williams J. R. Houghton
E. B. Barnes D. L. Rooke
V. C. Campbell T. C. McAvoy
PRODUCTS: Silicones, silicone chemicals, hyper pure silicon, solid lubricants
S.I.C. 2821; 2869

DOW JONES & CO., INC.

22 Cortlandt St., New York, N. Y. 10007
Tel. 212-285-5000

*Chrm & Chief Exec Officer—Warren H. Phillips
*Chrm Exec Comm—William F. Kerby
*Vice-Chrm—Donald A. Macdonald
*Pres & Chief Oper Officer—Ray Shaw
Sr V.P.—George W. Flynn
V.P. (News)—Edward R. Cony
V.P. & Gen Mgr—William L. Dunn
V.P. (Fin)—Frederick G. Harris
V.P. (Legal)—W. Gilbert Faulk, Jr.
V.P. & Assoc Publ (Wall Street Journal)—Peter R. Kann
V.P.—James H. Ottaway, Jr.
V.P. (Plan)—Sterling E. Soderlind
V.P. (Intl Group)—Victor Webb
V.P. & Publ (Barrons)—Bernie Flanagan
V.P. & Editorial (Barrons)—Robert Bleiberg
V.P. (Adv, Wall Street Journal)—Lee Heffner
V.P. (Cir, Wall Street Journal)—Ken Burenga
V.P. (Oper Serv)—Kim Broese
V.P. (Oper Serv)—Kurt Olson
V.P. (Inf Serv Group)—Carl Valenti
V.P. (Inf Serv Group)—William R. Clabby

Treas—Fred Hetzel
*Secy—Robert Potter
*Compt—Kevin J. Roche
Exec Editor—Fred Taylor (Wall Street Journal)
Mgn Editor—Lawrence G. O'Donnell (Wall Street Journal)
Mgn Editor (Dow Jones News Serv) & Dir Pub Affairs—Everett Groseclose
Editor (Wall Street Journal)—Robert Bartley
Nat'l Prod Mgr—William Harmer
Circ Service Mgr—Robert Wilson
Per Mgr—Howard E. Maher
Gen Serv Mgr—Guy Nardo
Pub Rel Officer—David S. Kemp
Accts—Coopers & Lybrand
Revenue: \$440.93Mil Employees: 2,550 (Inc Subs)
Stock Exchange(s): NYS

*Also DIRECTORS—Other Directors Are:
William M. Agee J. P. Austin
Jessie B. Cox (Mrs.) William C. Cox, Jr.
Davis W. Gregg A. Werk Cook (Mrs.)
James H. Ottaway, Sr. Robert S. Potter
James Q. Riordan Vermont Royster
Charles A. Meyer Richard D. Wood
BUSINESS: Publishing Wall Street Journal, Barron's National Business & Financial Weekly; Dow Jones News Serv., & Book Digest magazine
S.I.C. 2711; 2731

DOWCRAFT CORP.

65 S. Dow St., Falconer, N. Y. 14733
Tel. 716-665-6210

*Chrm—Alfred G. Ford, 418 Wellman Bldg., Jamestown, N. Y.
*Pres—James E. Graves
*Exec V.P.—R. C. Johnson
*V.P. (Partition Div)—M. R. Gustafson
*V.P.—M. Richard Jankoski
V.P.—Gene L. Sadowski
Secy & Treas—Weldon M. Nelson, Jr.
Accts—Halsted, Corey & Co., Jamestown, N. Y.
Primary Bank—Marine Midland, Jamestown, N. Y.
Primary Law Firm—A. G. Ford, Jamestown, N. Y.
Sales: \$4Mil Employees: 95
*Also DIRECTORS—Other Directors Are:
Gene DeMambro Richard H. Turner, Sr.
R. C. Johnson
PRODUCTS: Movable metal partitions & metal specialties
S.I.C. 2542; 3499

THE DOWD COMPANY, INC.

90 Commerce Way, Woburn, Mass. 01801
Tel. 617-935-8920

*Chrm Bd—Robert J. Dowd
*Pres—Francis J. Viegas
V.P. (Visual Mdsng)—Martin B. Mahoney
V.P.—Donald Fay
*Treas—Daniel F. Sullivan
Purch Agt—Leonard Sherry
*Clerk & Atty—Charles Sullivan
Accts—Theodore Samet & Co., Boston, Mass.
Primary Bank—Middlesex Bay Bank, Burlington, Mass.
Primary Law Firm—Sullivan, Sorgi & Dimmock, Boston, Mass.
Sales: \$20Mil Employees: 110

*Also DIRECTORS
PRODUCTS: Paper products and plastic pkg. (wholesale)
S.I.C. 5111; 5112; 5113

DOWD DEVELOPMENTS

P. O. Box 107, Elm Grove, Wis. 53122
Tel. 414-786-9777

Owner—Douglas F. Dowd
Acct—Donald Farrey
Field Engr—Terry Purvis
Accts—Huss & Associates, Wauwatosa, Wis.
Primary Bank—First Wisconsin Bank of Milwaukee, Milwaukee, Wis.
Primary Law Firm—Frank Hiller & Shapiro, Milwaukee, Wis.
Sales Range: \$3–4Mil Employees: 5
BUSINESS: Land devel., residential constr., apartments, condominiums, homes
S.I.C. 6552; 1521; 1522

DOWLING BAG CO.

910 River St., Valdosta, Ga. 31601
Tel. 912-244-0133

*Chrm & Secy—James L. Dowling
*Pres & Treas—James L. Dowling, Jr.
V.P.—R. J. Maturi
V.P.—M. A. Drumheller
V.P.—E. W. Coogan, Jr.
Prod Mgr—T. A. Aligood
Accts—Stewart Geles & Co.
Primary Bank—Citizens & Southern National Bank
Primary Law Firm—Tillman, Metick Coleman, Valdosta, Ga.
Sales: \$25Mil Employees: 485
*Also DIRECTORS—Other Directors Are:
Howard Dasher
PRODUCTS: Textile & paper bags
S.I.C. 2393; 2643

DOWN RIVER CASTING CO.

32840 Cleveland St., Rockwood, Mich. 48173
Tel. 313-379-9666

*Pres—Raymond E. Skinner
*V.P. (Prod)—Townsend Dodge
Treas—Robert L. Castle
*Secy—Lynn Dodge
Sales Mgr—Jack Bennett

The Dow Chemical U.S.A.
2030 Dow Center
Midland, MI 48640
517/636-1000

AREAS OF INTEREST

Higher education
Medical care
Community funds and United Way giving
Civic and community affairs

Comments: Dow Chemical produces industrial chemicals, plastics and metals, functional chemicals, coatings, plastics bioproducts, and consumer goods. In the field of education, the Company has supported college programs from which it recruits employees. Engineering, business administration and chemistry are areas of special concern. In addition to colleges and universities, the Company has given to professional associations, educational foundations and women's and minority organizations.

ELIGIBILITY

Activities: Capital campaigns, Employee matching gifts (for education), General support, Operating funds, Research, Scholarships (for children of employees)
Organizations: Must be tax-exempt under 501(c)3; national organizations are eligible.
Restrictions: No grants to individuals.
Geographic Areas: National (grants restricted to company operating areas), International, CA, IL, MI (Midland), NJ, OK (Tulsa), TX.

GENERAL POLICY

Dow Chemical does not have an associated foundation.

Statement: Most of Dow's contributions are handled by subsidiaries. Each subsidiary develops its own guidelines and makes its own decisions. In addition, the Company makes in-kind donations of products, services, and used equipment.

FINANCIAL PROFILE

Fiscal year ending	December 1981
Corporate asset base	\$12,496,000,000
Net earnings before taxes	\$744,000,000

APPLICATION PROCESS

Contact Person: William B. Burks, Secretary, Corporate Contributions Committee
Deadline: Applications accepted throughout year.
Guidelines: Initial contact by letter; include description of project and organization, financial statement and most recent annual report.

SAMPLE GRANTS

University of Houston Houston, TX -for Chemical Engineering Process Control Laboratory, three-year commitment.	\$100,000
-for research in secondary ionization mass spectroscopy.	\$40,000
Texas A & M University College Station, TX -for electro-chemical engineering programs.	\$50,000
Purdue University Lafayette, IN (1980)	\$1,200,000

Note: Dow Chemical declined to verify the above information.