

FROM: L. M. CRIVARO
LANCASTER WORKS

TO: MEMORANDUM

RECEIVED

JUL 26 1985

PATRICK R. ATKINS

CONFIDENTIAL

1985 JULY 25

RE: ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING - 1985 JULY 18

Members Present: L. M. Crivaro, J. M. Guitas, R. E. Jacobson, D. E. Kendall,
and B. C. Payne

Absent: A. P. Biltheiser and J. K. Sellers

HAZARD COMMUNICATION STANDARD

- A. Inspection and survey of work place. The chemical inventory is nearly complete for Precision Products and the Closure area.
- B. In-house labeling. We have reviewed our requirements and this information was given to the Pittsburgh Hazardous Materials Committee in order to estimate quantity and types of labels required for Lancaster. We did not include the materials used in the aluminum finishing operations.
- C. Employee training. We intend to use the video tapes that are currently being prepared by Pittsburgh.
- D. Material Safety Data Sheets. We will need to review all of the available data sheets for accuracy and completeness after all of the information from the work place survey has been collected.

SLUDGE LAGOONS UPDATE

We reviewed the status of this project. Currently we are preparing information to be submitted to the Penna. DER for their review. We are tentatively considering going with Envirite Corp. of York, Penna. to remove the sludge.

NON-HAZARDOUS WASTE MANIFEST (NHW)

Reference Gary Crouth's letter of 1985 June 03. We discussed the necessity of the non-hazardous waste manifest forms which provide a 'tracking mechanism' of all waste shipments. We will be using these forms on future waste shipments.

PREPAREDNESS, PREVENTION AND CONTINGENCY PLAN

We have completed the revisions of this book and it has been distributed with a copy to the Penna. DER. Pittsburgh Environmental Control has received a copy for their review.

NOTE: We do need to consider incorporating some type of 'SIGN-UP SHEET' into the book which covers employee training. Randi Jacobson and Lou Crivaro will be handling this requirement.

ATC 0023937



SF-4563 (REV 11-68)

PLAINTIFF'S
EXHIBIT
AL-1707

HEALTH MANAGEMENT SYSTEM - LANCASTER WORKS

We will be working with this system which will be used to track our hazardous materials and industrial hygiene sampling in the work place. We plan to have all of the materials currently used at Lancaster into our inventory system by September, 1985.

OILY WASTE (TRIMSOL)

✓ Most of this waste was picked up by a disposal firm; however, we still need to handle those drums which are leaking. John Guitas and Anna Biltheiser will handle.

ASBESTOS

During the installation of air conditioning units in the Word Processing Center, air ducts were required in the roof of Bldg. #2. Asbestos was suspected in the material being removed. This material was analyzed by Lancaster Labs on 1985 May 29 and found to contain no asbestos.

TIGHT BUILDING SYNDROME (TBS)

B/C A complaint from the Traffic/Invoice office was checked out. It involved 'stale air' being recirculated through the offices and causing some physical discomfort as reported by an employee. We checked Pittsburgh Industrial Hygiene and we followed their recommendations to check out the intake air and carbon dioxide levels. The results were satisfactory and this was communicated to the employees in that office.

F&DA INSPECTION

There was an F&DA spot inspection of the plant on 1985 June 19. The inspectors did not tour the plant. They did ask specific questions and then left. A copy of their report is attached.

EMPLOYEE TRAINING

AHC Training in RCRA and Hearing Conservation, which are required on an annual basis, still needs to be accomplished for 1985. Randi Jacobson to coordinate scheduling.

The next meeting of the Environmental Steering Committee will be held on 1985 October 10 in the Staff Conference Room at 9:00 A. M.

L. M. CRIVARO

c/

Attachment

ATC 0023938

DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE FOOD AND DRUG ADMINISTRATION		1. DISTRICT ADDRESS & PHONE NO. 615 S. COLUMBIA ST. 18th FLOOR PHILADELPHIA, PA 19106	
2. NAME AND TITLE OF INDIVIDUAL RANDE E. JACOBSON, Emergency Relations & Safety Supervisor		3. DATE 6-19/85	
4. FIRM NAME ALUMINUM CO. OF AMERICA (ALCOA)		5. HOUR 11:51 a.m.	
6. NUMBER AND STREET 1700 FRUITVILLE PIKE		7. CITY AND STATE & ZIP CODE LANCASTER, PA 17601	
8. PHONE # & AREA CODE 717-291-6735			
Notice of Inspection is hereby given pursuant to Section 704(a)(1) of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374(a)] ¹ and/or Part F or G, Title III of the Public Health Service Act [42 U.S.C. 262-264] ² .			
9. SIGNATURE (Food and Drug Administration Employee(s)) Elaine C. Messa Colleen A. Newman		10. TYPE OR PRINT NAME AND TITLE (FDA Employee(s)) Elaine C. Messa, SCSO Deborah A. Newman, Training Division	
Applicable portions of Section 704 and other Sections of the Federal Food, Drug, and Cosmetic Act [21 U.S.C. 374] are quoted below:		2 Applicable sections of Parts F and G of Title III Public Health Service Act [42 U.S.C. 262-264] are quoted below:	
¹Sec. 704. (a)(1) For purposes of enforcement of this Chapter, officers or employees duly designated by the Secretary, upon presenting appropriate credentials and a written notice to the owner, operator, or agent in charge, are authorized (A) to enter, at reasonable times, any factory, warehouse, or establishment in which food, drugs, devices, or cosmetics are manufactured, processed, packed, or held, for introduction into interstate commerce or after such introduction, or to enter any vehicle being used to transport or hold such food, drugs, devices, or cosmetics in interstate commerce; and (B) to inspect, at reasonable times and within reasonable limits and in a reasonable manner, such factory, warehouse, establishment, or vehicle and all pertinent equipment, finished and unfinished materials, containers, and labeling therein. In the case of any factory, warehouse, establishment, or consulting laboratory in which prescription drugs or restricted devices are manufactured, processed, packed, or held, the inspection shall extend to all things therein (including records, files, papers, processes, controls, and facilities) bearing on whether prescription drugs or restricted devices which are adulterated or misbranded within the meaning of this Chapter, or which may not be manufactured, introduced into interstate commerce, or sold, or offered for sale by reason of any provision of this Chapter, have been or are being manufactured, processed, packed, transported, or held in any such place, or otherwise bearing on violation of this Chapter. No inspection authorized by the preceding sentence or by paragraph (3) shall extend to financial data, sales data other than shipment data, pricing data, personnel data (other than data as to qualifications of technical and professional personnel performing functions subject to this Act), and research data (other than data relating to new drugs, antibiotic drugs and devices and, subject to reporting and inspection under regulations lawfully issued pursuant to section 505(l) or (k), section 507(d) or (g), section 519, or 520(g), and data relating to other drugs or devices which in the case of a new drug would be subject to reporting or inspection under lawful regulations issued pursuant to section 505(k) of the title. A separate notice shall be given for each such inspection, but a notice shall not be required for each entry made during the period covered by the inspection. Each such inspection shall be commenced and completed with reasonable promptness. Sec. 704(e) Every person required under section 519 or 520(g) to maintain records and every person who is in charge or custody of such records shall, upon request of an officer or employee designated by the Secretary, permit such officer or employee at all reasonable times to have access to and to copy and verify, such records. Section 512 (1)(1) In the case of any new animal drug for which an approval of an application filed pursuant to subsection (b) is in effect, the applicant shall establish and maintain such records, and make such reports to the Secretary, of data relating to experience and other data or information, received or otherwise obtained by such applicant with respect to such drug, or with respect to animal feeds bearing or containing such drug, as the Secretary may by general regulation, or by order with respect to such application, prescribe on the basis of a finding that such records and reports are necessary in order to enable the Secretary to determine, or facilitate a determination, whether there is or may be ground for invoking subsection (e) or subsection (m)(4) of this section. Such regulation or order shall provide, where the Secretary deems it to be appropriate, for the examination, upon request, by the persons to whom such regulation or order is applicable, of similar information received or otherwise obtained by the Secretary. (2) Every person required under this subsection to maintain records, and every person in charge or custody thereof, shall, upon request of an officer or employee designated by the Secretary, permit such officer or employee at all reasonable times to have access to and copy and verify such records.		Part F - Licensing - Biological Products and Clinical Laboratories and..... Sec. 351(c) "Any officer, agent, or employee of the Department of Health & Human Services, authorized by the Secretary for the purpose, may during all reasonable hours enter and inspect any establishment for the propagation or manufacture and preparation of any virus, serum, toxin, antitoxin, vaccine, blood, blood component or derivative, allergenic product or other product aforesaid for sale, barter, or exchange in the District of Columbia, or to be sent, carried, or brought from any State or possession into any other State or possession or into any foreign country, or from any foreign country into any State or possession." Part F -Control of Radiation. Sec. 360 A(a) "If the Secretary finds for good cause that the methods, tests, or programs related to electronic product radiation safety in a particular factory, warehouse, or establishment in which electronic products are manufactured or held, may not be adequate or reliable, officers or employees duly designated by the Secretary, upon presenting appropriate credentials and a written notice to the owner, operator, or agent in charge, are thereafter authorized (1) to enter, at reasonable times any area in such factory, warehouse, or establishment in which the manufacturer's tests (or testing programs) required by section 358 (h) are carried out, and (2) to inspect, at reasonable times and within reasonable limits and in a reasonable manner, the facilities and procedures within such area which are related to electronic product radiation safety. Each such inspection shall be commenced and completed with reasonable promptness. In addition to other grounds upon which good cause may be found for purposes of this subsection, good cause will be considered to exist in any case where the manufacturer has introduced into commerce any electronic product which does not comply with an applicable standard prescribed under this subpart and with respect to which no exemption from the notification requirements has been granted by the Secretary under section 359(a)(2) or 359(e)." (b) "Every manufacturer of electronic products shall establish and maintain such records (including testing records), make such reports, and provide such information, as the Secretary may reasonably require to enable him to determine whether such manufacturer has acted or is acting in compliance with this subpart and standards prescribed pursuant to this subpart and shall, upon request of an officer or employee duly designated by the Secretary, permit such officer or employee to inspect appropriate books, papers, records, and documents relevant to determining whether such manufacturer has acted or is acting in compliance with standards prescribed pursuant to section 359(a)." (f) "The Secretary may by regulation (1) require dealers and distributors of electronic products, to which there are applicable standards prescribed under this subpart and the retail prices of which is not less than \$50, to furnish manufacturers of such products such information as may be necessary to identify and locate, for purposes of section 359, the first purchasers of such products for purposes other than resale, and (2) require manufacturers to preserve such information.	

Any regulation establishing a requirement pursuant to clause (1) of the preceding sentence shall (A) authorize such dealers and distributors to elect, in lieu of immediately furnishing such information to the manufacturer to hold and preserve such information until advised by the manufacturer or Secretary that such information is needed by the manufacturer for purposes of section 359, and (B) provide that the dealer or distributor shall, upon making such election, give prompt notice of such election *(together with information identifying the notifier and the product)* to the manufacturer and shall, when advised by the manufacturer or Secretary, of the need therefor for the purposes of Section 359, immediately furnish the manufacturer with the required information. If a dealer or distributor discontinues the dealing in or distribution of electronic products, he shall turn the information over to the manufacturer. Any manufacturer receiving information pursuant to this subsection concerning first purchasers of products for purposes other than resale shall treat it as confidential and may use it only if necessary for the purpose of notifying persons pursuant to section 359(a)."

Sec. 360 B.(a) It shall be unlawful--

- (1) ...
- (2) ...
- (3) "for any person to fail or to refuse to establish or maintain

records required by this subpart or to permit access by the Secretary or any of his duly authorized representatives to, or the copying of, such records, or to permit entry or inspection, as required or pursuant to section 360A."

...

Part G -- Quarantine and Inspection

Sec. 361 (a) "The Surgeon General, with the approval of the Secretary is authorized to make and enforce such regulations as in his judgement are necessary to prevent the introduction, transmission, or spread of communicable diseases from foreign countries into the States or possessions, or from one State or possession into any other State or possession. For purposes of carrying out and enforcing such regulations, the Surgeon General may provide for such inspection, fumigation, disinfection, sanitation, pest extermination, destruction of animals or articles found to be so infected or contaminated as to be sources of dangerous infection to human beings, and other measures, as in his judgement may be necessary."

ATC 0023940

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1985 JULY 25

DISTRIBUTION:

A. P. Biltheiser, Lancaster Works
J. M. Guitas, Lancaster Works
R. E. Jacobson, Lancaster Works
D. E. Kendall, R.N., Lancaster Works
B. C. Payne, Lancaster Works
J. K. Sellers, Lancaster Works
P. R. Atkins, Pittsburgh Office-7
Joe Damiano, Pittsburgh Office-6AB
R. M. James, Pittsburgh Office-7
N. W. Nielsen, Pittsburgh Office-18
E. E. Rumberger/T. B. Bonney, Pittsburgh Office-7

Info cc: R. S. Howell, Lancaster Works
T. J. Leveque/J. Ciccarelli, Lancaster Works
W. W. Kopetz, Lancaster Works
J. R. Scifers/R. L. Dodson/R. Langoski, Lancaster Works

ATC 0023941

FROM L. M. CRIVARO

RECEIVED

TO MEMORANDUM

APR 12 1984

CONFIDENTIAL

PATRICK R. ATKINS

1984 APRIL 10

✓ Bontel
4/13

RE: ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING - 1984 APRIL 05

Members Present: Anna Biltheiser, L. M. Crivaro, R. H. Eckstein, J. M. Guitas
F. D. Hereda and B. C. Payne

Absent: D. E. Kendall and J. K. Sellers

ANNUAL RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) TRAINING

✓ The sessions will be approximately one hour. They will include Unit Supervisors; Operators from the Finishing Department, Mixing Room and Store Room; Truckers; and the Joint Safety Committee. The training will cover RCRA; Preparedness, Prevention, and Contingency Plan (PPCP); Substantial Risk Plan; and Ground Water Monitoring.

HAZARDOUS MATERIALS CONTROL COMMITTEE

✓ We have received a memo dated 1984/02/21 regarding the establishment of this committee. This committee was dissolved during the OVA process; however, it was agreed that this committee's functions were necessary and, therefore, a formal committee has been re-established.

OSHA CHEMICAL HAZARDOUS COMMUNICATION PROGRAM

✓ We acknowledge receipt of Mr. E. Rumberger's memo of 1984 February 24 captioned, "OSHA Chemical Hazard Communication Standard." In view of the recent passage of OSHA regulations concerning "Hazardous Communication," we need to emphasize proper control of hazardous materials through (1) chemical inventory, (2) material safety data sheets (MSDS), and (3) written programs. Frank Hereda and Lou Crivaro will audit the plant to determine what areas need information where hazardous materials are used. Randi Eckstein has agreed to check other plants to see if there are programs being used which we can evaluate.

INDUSTRIAL HYGIENE BULLETIN CONCERNING HEXAVALENT CHROMIUM & STAINLESS STEEL WELDING FUMES

✓ There have been a number of references warning of the presence of hexavalent chromium fumes produced during the welding of stainless steels. In order to determine whether or not this possibility exists, John Guitas will conduct an inventory of the welding rods used.

ASBESTOS NOTIFICATION FORMS

ALC ✓ Referencing Barry Clark's letter dated 1984 February 10, this form is to be used when notification is required during any demolition or renovation involving asbestos. We do not see any use for this form at this time with the type of renovation that is currently being done at Lancaster Works.

ATC 0023942



UPDATE ON FDA (FOOD & DRUG ADMINISTRATION) STATUS - DOP

This update concerns recently published information regarding the plasticizer, di (2 - Ethylhexyl) phthalate (DOP). Because there is evidence establishing a carcinogenic risk in using DOP, there is a concern that the FDA will continue to approve DOP's use as an approved food additive. Jack Sellers has stated that DOP is the plasticizer used in PVC-111 and also in PVC-115. This status report lends added importance to the approval of A-307 liner material.

INDUSTRIAL WATER USE SURVEY

REK We have received a request from the Department of Environmental Resources (DER) to complete an industrial water use survey. The information being requested in the survey includes water that we use in our plant operations as well as the quantity of water that we discharge into the stream and the Lancaster sanitary sewage system.

INDUSTRIAL HYGIENE

The Joint Safety Committee had requested industrial hygiene data regarding all of the personal monitor tests for substances that were tested at Lancaster Works. Test results were requested and have been received from the Alcoa Laboratories on all tests that were run within the last two years. Randi Eckstein has submitted these data to the Joint Safety Committee. Any questions regarding the data will be covered in their next meeting to be held during the last week of April.

GROUND WATER MONITORING (GWM)

REK A request for authorization covering the assessment program was approved on 84/02/06. Three additional wells have been installed and that work was completed on 1984 March 15. The ground water monitor sampling for first quarter, 1984, was completed on 1984 March 20.

ENVIRONMENTAL CONCERN - ASBESTOS

Insulation of piping in the Boiler House, Building 3, has been completed. The insulated steam pipes in Building 2 extending to the Closure lunch area have been covered with aluminum sheet. This work is continuing over the Closure lunch area extending north approximately 200 ft. to the Closure office. The remaining work on this project is the piping located in the Finishing Department.

WASTE TREATMENT

REK The flow meter required by the DER in order to receive a "Permit by Rule" status has been received. The Leeds and Northrup representative has been contacted and the expected completion date on this project is 1984 April 30.

ATC 0023943

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1984 APRIL 10
PAGE 3

WASTE OIL

AK We still need to remind those supervisors and operators who are responsible for handling waste oil that all waste oil should be pumped into the storage tanks rather than into 55 gallon drums. The only exception at this time is the Trim Sol waste. An engineering project for a storage dike specifically for Trim Sol waste is currently being designed.

SOLVENT WASTE TANK

AK Barry Payne has reported that the waste solvent storage tank located outside the Mixing Room has been removed from the site.

The next meeting of the Environmental Health Steering Committee will be held on Thursday, 1984 July 5, at 9 a.m. in the Staff Conference Room.

L. M. CRIVARO

c/

ATC 0023944

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1984 APRIL 10

DISTRIBUTION:

Dr. T. C. Amend/D. Kendall, R.N., Lancaster Works
A. P. Biltheiser, Lancaster Works
R. H. Eckstein, Lancaster Works
J. M. Guitas, Lancaster Works
F. D. Hereda, Lancaster Works
B. C. Payne, Lancaster Works
J. K. Sellers, Lancaster Works
P. R. Atkins, Pittsburgh Office-7
R. M. James, Pittsburgh Office-7
N. W. Nielsen, Pittsburgh Office-18
E. E. Rumberger/T. B. Bonney, Pittsburgh Office-7

Info cc: R. S. Howell, Lancaster Works
T. J. Leveque/J. Ciccarelli, Lancaster Works
J. W. Martin, Lancaster Works
J. R. Scifers/R. L. Dodson/R. Langoski, Lancaster Works

ATC 0023945

FROM L. M. CRIVARO

TO MEMORANDUM

Route
✓
1/16

RECEIVED

JAN 10 1984

1984 JANUARY 10

CONFIDENTIAL

PATRICK R. ATKINS

RE: ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING - 1984 JANUARY 05

Members Present: Anna Biltheiser, L. M. Crivaro, R. H. Eckstein, J. M. Guitas
D. E. Kendall and B. C. Payne

Absent: F. D. Hereda and J. K. Sellers

MEDICAL

There were no medical problems reported in the last quarter of 1983.

INDUSTRIAL HYGIENE PROGRAM

We discussed the program and it was agreed that tighter controls are needed in the area of material identification and material safety data sheets. We still lack the system to screen all materials ordered for use in the plant. One suggestion was made to determine if a computerized list could be developed which would check all purchase orders for any new materials being ordered. Lou Crivaro to check with Gary Kallmeyer.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) - ANNUAL TRAINING

Randi Eckstein has agreed to receive and review the material which will include RCRA, Industrial Hygiene and Environmental concerns.

TOXIC SUBSTANCES AND CONTROL ACT (TSCA) - FINAL RULE 8(c)

Reference memos dated 1983 December 08 and 15. The Act gives all employees the responsibility of reporting certain information pertaining to the manufacture or use of chemical substances. The reporting of substantial risk information is mandatory. Randi Eckstein to handle. The notice will be posted.

ENVIRONMENTAL EVENTS & PROCEDURE REPORT

We acknowledge receipt of Mr. R. F. Kohn's memo dated 83/12/19 regarding Environmental Events and Procedures Report. This system will basically be used to track and report environmental events and administrative procedures. Among the events which will be tracked include those which have the potential to result in fines, civil penalties, litigation or significant environmental damage.

GROUND WATER MONITORING

John Guitas reviewed the status of our Assessment and Abatement Program. The request for authorization has been submitted to Pittsburgh. The total cost estimated to implement this program is \$105,000.

ATC 0023946



ENVIRONMENTAL

1. We have received notice from the DER that they have issued our NPDES Permit. It will be finalized after publication in the Pennsylvania Bulletin. ✓
2. The DER has conducted a preliminary review of our Part B Permit application. A technical review of the application will begin after we have submitted a waste analysis plan. They will report status of the application after the technical review is completed. RHC
3. In considering the possibility of removing the waste from the older sludge lagoon, we contracted on a trial basis the Envirite Corp. of York, Pennsylvania to remove approximately 25,000 lbs. of the waste sludge in November, 1983. Gary Cawth
4. Barry Payne reported that the solvent storage tank stored on-site will be disposed of by Continental Vanguard, Inc. of Bellmawr, New Jersey. The removal is scheduled for mid January, 1984.

INDUSTRIAL HYGIENE

In November, 1983, in the snack area of the Metal Decorating area of the Closure Department, small particles of insulating material from overhead steam pipes fell onto the lunch table when the heat was turned on. An hourly employee complained that the material could be a health hazard. The Maintenance Department corrected the problem temporarily to prevent additional material from falling. A permanent solution is to wrap the pipes with aluminum sheet. This will begin in approximately three weeks and will take three months to complete. ✓

The next meeting of the Environmental Health Steering Committee will be held on Thursday, 1984 April 05 at 9:00 A. M. in the Staff Conference Room.

L. M. CRIVARO

c/

ATC 0023947

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1984 JANUARY 10

DISTRIBUTION:

Dr. T. C. Amend/D. Kendall, R.N., Lancaster Works
A. P. Biltheiser, Lancaster Works
R. H. Eckstein, Lancaster Works
J. M. Guitas, Lancaster Works
F. D. Hereda, Lancaster Works
B. C. Payne, Lancaster Works
J. K. Sellers, Lancaster Works
P. R. Atkins, Pittsburgh Office-7
R. M. James, Pittsburgh Office-7
N. W. Nielsen, Pittsburgh Office-18
E. E. Rumberger/T. B. Bonney, Pittsburgh Office-7

info cc: R. S. Howell, Lancaster Works
T. J. Leveque/J. Ciccarelli, Lancaster Works
J. W. Martin, Lancaster Works
J. R. Scifers/R. L. Dodson/R. Langoski, Lancaster Works

ATC 0023948

FROM L. M. CRIVARO

RECEIVED

TO

MEMORANDUM

OCT 24 1983

CONFIDENTIAL

PATRICK R. ATKINS

1983 OCTOBER 2

③ PRA

RECEIVED

OCT 25 1983

RE: ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING - 1983 OCTOBER 13

Air & Solid Waste

Members Present: Anna Biltheiser, L. M. Crivaro, R. H. Eckstein, J. M. Guitas
F. D. Hereda, B. C. Payne

Absent: J. K. Sellers

INDUSTRIAL HYGIENE PROGRAM:

The Committee has been assigned to review the revised program. The policy and objective statement has been approved by the Staff and the Committee and will be posted. Proposals to communicating this program to all Lancaster employees were discussed and it was agreed to use the Joint Safety Committee, Departmental Meetings, or Department Safety Meetings.

Randy Eckstein recommended that the Plant Nurse, Ms. Kendall, be included in the Committee. She now conducts dosimeter and noise level studies and her input is important. The Committee agreed and we request that Ms. Kendall attend future meetings.

HAZARDOUS WASTE INSPECTION:

under control R.

An inspection was conducted on September 30 by the DER and several areas of concern were uncovered. We were working with Pittsburgh Environmental to obtain a final determination of the Clarifier skim waste with respect to hazardous waste. An analysis of a composite sample will be made and a resolution in getting the waste off site to meet the 90 day storage rule will be made if the waste is deemed hazardous. The solvent storage tank, which contains a thick sludge, must be cleaned out because we are on record with the DER that this tank is no longer used to store solvent waste. Barry Payne is working on this item. We need to insure that weekly inspection reports of the outside area, the concrete storage pad, and the drum storage area are submitted.

NOTE: All "waste oil" must not be stored in 55 gallon drums. All waste oil is to be pumped into the appropriate storage tanks available. We also note that deposit drums have been used to store various waste. Because these drums are returned to the vendor, they are not to be reused. All deposit drums must be placed in the designated area. All trucks moving deposit drums outside are to be so instructed. Finally, caustic and acid waste do not need a hazardous waste label. Because this waste is covered under a Module I by the DER, it is not required to use the hazardous waste labels. Anna Biltheiser will check into the DOT requirements in hauling the waste to the landfill site.

REGARDING EMPLOYEE'S NOTIFICATION OF PERSONAL TEST RESULTS:

We have drafted a form letter to be used when they have been notified. This form will be filed in the employee's personnel file.

ATC 0023949



ALCOA

SF-4563 (REV 11-68)

POLYCHLORINATED BIPHENYLS (BCP'S):

MEK | The ongoing effort to dispose of four drums of hydraulic fluid contaminated with PCB's, two drums of water collected during the cleanout of the furnace, and two drums of rags, paper, etc. has failed to locate a contractor to dispose of the waste. We are currently working with two contractors in order to meet the 1983 December 31 deadline.

OBSOLETE MATERIAL:

There are drums of various material which are no longer being used in the plant and in storage. Barry Payne is working to have this material returned to the vendor, where possible.

ASBESTOS CONCERN:

Because of recent complaints regarding the presence of insulated material containing asbestos, which falls from the heating pipes in the ceiling, the Engineering Department is requesting a quote to cover the insulating pipes with aluminum in the Closure and Finishing (Ransohoff Dryer) areas.

HEARING CONSERVATION:

John Guitas has ordered a video cassette from the Aluminum Association. This has been recommended by the Pittsburgh Industrial Hygiene Department. The program will satisfy OSHA requirements for hearing conservation training and will be used in 1984.

WASTE TREATMENT:

A flow meter for the rinse acid line going into the lift station is on order with an expected delivery of 12 to 14 weeks. This flow meter is required by the DER. A new flow meter for outfall 005, polishing lagoon, is on order and delivery is expected within 6 to 8 weeks.

ASBESTOS DISPOSAL PROBLEM:

RHC | It was learned that the Lancaster Area Landfill Authority does not take asbestos material waste. In the future, all asbestos waste will be placed in plastic bags, then placed in steel drums and identified with the proper labels. This material will then be shipped to the Lanchester Landfill, an approved disposal site. The asbestos removal procedure will be revised to include this new practice. A shipping manifest is required and the landfill site will be supplying these to us.

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1983 October 21
Page 3

SLUDGE LAGOON:

We are currently working with two contractors to get rid of the sludge in the sludge lagoon. The old sludge lagoon has been sampled by one of the contractors for analysis to see if they can handle the waste. *RHC*

GROUND WATER QUALITY ASSESSMENT PROGRAM:

We have received an assessment program from our contractor, Wright Associates, dated 1983 October 05. We are currently reviewing the program and a copy has been sent to Pittsburgh Environmental Engineering. This program essentially covers a sampling program, including new monitor wells, hydraulic testing, an assessment of the contamination and submission to the DER. *RHC*

John Guitas is planning to attend the Industrial Hygiene and Environmental Conference in Pittsburgh on October 31 to November 03.

The next meeting of the Environmental Health Steering Committee will be held on Thursday, 1984 January 5 at 9 a.m. in the Staff Conference Room.

L. M. CRIVARO

c/

ATC 0023951

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1983 October 21

DISTRIBUTION:

Dr. T. C. Amend, Lancaster Works
A. P. Biltheiser, Lancaster Works
R. H. Eckstein, Lancaster Works
J. M. Guitas, Lancaster Works
F. D. Hereda, Lancaster Works
B. C. Payne, Lancaster Works
J. K. Sellers, Lancaster Works
P. R. Atkins, Pittsburgh Office-7
R. M. James, Pittsburgh Office-7
N. W. Nielsen, Pittsburgh Office-18
E. E. Rumberger/T. B. Bonney, Pittsburgh Office-7

info cc: R. S. Howell, Lancaster Works
T. J. Leveque/J. C. Rebert, Lancaster Works
J. W. Martin, Lancaster Works
J. R. Scifers/R. L. Dodson/R. Langoski, Lancaster Works

ATC 0023952

FROM L. M. CRIVARO

TO MEMORANDUM

CONFIDENTIAL

1982 MARCH 11

RE: ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING - 1982 MARCH 04

Members Present: L. M. Crivaro, R. H. Eckstein, F. D. Hereda, B. C. Payne,
S. W. Rudy, J. K. Sellers

Members Absent: Dr. T. Amend, J. M. Guitas

MEDICAL:

1. There were no medical problems in February.
2. Men's Shower Room - As a result of the last inspection by Randi Eckstein and a member of the Joint Safety Committee, several questions regarding the cleanliness of the men's shower room were discussed. It was agreed to determine whether any serious unsanitary conditions actually exist. The shower rooms are cleaned regularly on a daily basis. We also agreed that this is sufficient enough to maintain clean shower facilities. When there are complaints associated with dirty walls, closed vents, etc., these can be addressed and handled by the Maintenance Department. We suggested that Randi Eckstein provide feedback on complaints and actions regarding the shower room facilities through the Joint Safety Committee, and to use that Committee to get the facts back to the hourly employees.

POLYCHLORINATED BIPHENYLS (PCB's)

Mark
Latest results from the hydraulic fluid drained from furnace 08 show that the PCB level was at 13 parts/MM. We are reminded that four drums (55 gallons ea.) of BCP contaminated fluid, ML925, are stored at Lancaster pending final disposal.

ASBESTOS

We acknowledge the receipt of Mr. E. E. Rumberger's memo dated 82/02/16 regarding asbestos replacement material. One area in which we are currently involved is the thermocouple wire used to survey and calibrate the heat treat furnaces.

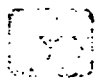
WASTE TREATMENT POLISHING LAGOON

A minor tear in the liner of the polishing lagoon was repaired on 82/02/25. The tear was detected during the drilling of one of the ground water monitoring wells.

X-RAY EQUIPMENT

Mr. R. Geiger visited Lancaster Works on 82/02/25 to inspect the X-ray equipment in the Dispensary and the X-ray spectrograph in the Laboratory. All of the equipment was found to be in satisfactory working condition.

ATC 0023953

 ALCOA

81-4569 (REV 11-77)

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1982 MARCH 11
PAGE 2

GROUND WATER MONITORING PROGRAM

We are currently waiting for the contractor to complete the drilling of the last of the seven wells.

LOW SOLVENT EMISSION COATING TRIALS

On 82/03/02 the last of three scheduled trials was run in Metal Decorating area using a coating from the Lilly Company. Several problems were encountered and samples have been submitted to E. Christopher, Richmond Works, for comments. The other two suppliers have been notified to resubmit samples with our recommended changes based on previous line trials.

ENVIRONMENTAL REVIEW DATA

Data submitted with Mr. R. F. Kohm's letter dated 82/02/02 are being reviewed by members of the committee in their specific areas of responsibility. The four areas include air quality, water quality, solid waste, and hazardous waste. After all areas have been covered, questions and/or recommendations will be submitted for review.

HEARING CONSERVATION - DOSIMETERS

Lancaster is preparing to purchase new equipment for conducting noise surveys. Randi Eckstein has agreed to discuss the possibility with Lebanon of sharing the cost and use of this new equipment.

Note: A Lancaster Works noise survey was recently conducted in February.

Closure Division - Because no further business in closures for the dairy industry is anticipated, Jack Sellers had recommended that we not renew our contract with Syracuse Research Corp. (SRC). SRC had been providing surveys and conformance testing as required for sanitation compliance of interstate milk shippers regulated by the Department of Health.

The next meeting of the Environmental Health Steering Committee will be held on Thursday, 1982 April 01, at 9:00 A. M. in the Staff Conference Room.

L. M. CRIVARO

c/

ATC 0023954

✓
ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1982 MARCH 11

DISTRIBUTION:

Dr. T. C. Amend, Lancaster Works
R. H. Eckstein, Lancaster Works
J. M. Guitas, Lancaster Works
F. D. Hereda, Lancaster Works
B. C. Payne, Lancaster Works
S. W. Rudy, Lancaster Works
J. K. Sellers, Lancaster Works
P. R. Atkins, Pittsburgh Office-7
R. M. James, Pittsburgh Office-7
N. W. Nielsen, Pittsburgh Office-18
E. E. Rumberger/T. B. Bonney, Pittsburgh Office-7

RECEIVED

MAR 15 1982

PATRICK R. ATKINS

info cc: R. S. Howell, Lancaster Works
T. J. Leveque/J. C. Rebert, Lancaster Works
J. W. Martin, Lancaster Works
J. R. Scifers/R. L. Dodson/S. W. Rudy/E. H. Rund, Lancaster Works

ATC 0023955

FROM: ~~P. R. ATKINS~~

ROUTE TO: ~~R. H. CARWILE~~ 7

~~R. L. BYERS~~ 7

~~M. E. KOMMER~~ 7

M. C. BROZANSKI - 7

~~B. L. CLARK~~ 7

~~M. MC TAGGART~~ - 7

L. S. GEHRKE - 7

P. R. ATKINS - 7

ATC 0023956

~~Call Love 127-341~~
ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1980 September 17

RLB
Route RECEIVED
SEP 22 1980

Distribution:

PATRICK R. ATKINS

Dr. T. C. Amend, Lancaster Works
J. S. Gill, Lancaster Works (w/attachment)
J. M. Guitas, Lancaster Works (w/attachment)
F. D. Hereda, Lancaster Works (w/attachment)
J. K. Sellers, Lancaster Works

P. R. Atkins, Pittsburgh Office-7 (w/attachment)
R. M. James, Pittsburgh Office-7 (w/attachment)
N. W. Nielsen, Pittsburgh Office-18 (w/attachment)
V. W. Rieke, Pittsburgh Office-2 (w/attachment)
E. E. Rumberger/T. B. Bonney, Pittsburgh Office-7 (w/attachment)

Info cc: R. L. Burns
R. S. Howell
J. R. Scifers/R. L. Dodson/S. W. Rudy/E. H. Rund
R. L. Volkman/J. C. Rebert
H. M. Walker

ATC 0023957

FROM L. M. CRIVARO

TO MEMORANDUM

CONFIDENTIAL

1980 SEPTEMBER 17

RE: ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING - 1980 SEPTEMBER 11

Members Present: L. M. Crivaro, J. S. Gill, F. D. Hereda, B. C. Payne, and Anna Biltheiser (for Scott Rudy).

Members Absent: Dr. T. Amend, J. M. Guitas and J. K. Sellers

MEDICAL:

No medical problems reported.

WASTE TREATMENT:

A report regarding the annual water quality visit was received from the Department of Environmental Resources representative, Mr. S. Dale, on 1980 July 07. His report requested that we discuss the permit status and monitoring. Mr. Dale was contacted and he stated that he would be contacting us in the near future to finalize our NPDES permit.

POLYCHLORINATED BIPHENYLS (PCB's):

The test results for PCB's on the hydraulic fluid used in the continuous furnace indicated that the material had to be drained. The hydraulic fluid has been drained and the furnace recharged with new fluid. Sampling for PCB's will be conducted within six (6) months.

X-RAY MACHINE:

The new cassettes have been received and we will try to set up a meeting to review the new exposure times with the radiology representative.

RESOURCE CONVERSION RECOVERY ACT (RCRA):

We are currently working on the application for a hazardous waste permit from the EPA. A rough draft will be submitted to Dr. R. Lee Byers, Pittsburgh Environmental, for his review.

RLB Regarding the status of the certification of haulers of our hazardous waste material. Barry Payne is currently involved in this area. One of our vendors who is hauling waste solvent from the plant is using a manifest form that indicates the final destination to the facility. We will be using this type of form at the present time. A copy of this form is attached to this report.

ATC 0023958



ALCOA

8F-4503

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1980 September 17
Page 2

Regarding the status of the identification of drums containing hazardous waste that are moved to the concrete storage pad. We are currently faced with the problem in handling these drums because of a technicality involving trucker classifications as they exist today. We recommend that, to insure safe and proper handling of these drums, only one (1) trucker classification move these drums. The Checker Truckers, under Mr. J. Gabriel's supervision, should be responsible for moving these drums from the department directly to the storage pad. Mr. Rudy is to follow-up on this.

MONITOR WELL ANALYSIS:

Test results have been received and a copy has been submitted to Pittsburgh Engineering for comments.

INDUSTRIAL HYGIENE ASBESTOS PROGRAM:

Messrs. John Guitas and Barry Payne are working on the replacement of thermo-couple wires and gaskets for boilers which contain asbestos material. In addition, we will be looking into the personal sampling of employees involved in handling this material in the near future. The Alcoa Technical Center - Environmental Health Labs has been contacted for the equipment needed to conduct these tests.

OPERATING PROCEDURE - PUMPING OF WASTE SOLVENT AND SLUDGE:

The procedure used to pump out the waste solvent and sludge from the stationary containers should be similar to the procedure "Unloading Bulk Sulfuric Acid and Solvents". In addition to this procedure, the following steps should be maintained: (A) the vendor is required to be in before 3:00 PM. (B) Mr. Jere Gabriel is to be contacted when the vendor will be coming into the plant. (C) If an emergency exists and the vendor must come in after 3:00 PM, then a Unit Supervisor must be contacted.

DEPARTMENT OF ENVIRONMENTAL RESOURCES - VOLATILE ORGANIC COMPOUND EMISSIONS (VOC):

We have received a letter from the local DER representative. He is requesting information on solvent emissions.

The next meeting of the Environmental Health Steering Committee will be held on Thursday, 1980 October 02, in the Staff Conference Room at 9:00 AM.

L. M. CRIVARO

ds

Attachment

ATC 0023959

FROM: P. R. ATKINS

ROUTE TO: ~~P. H. CARMILE~~ 7

~~J. S. BOYF~~ - 7

~~R. L. BYERS~~ 7

~~L. S. GEMKE~~ 7

~~B. L. GEMKE~~ 7

~~M. C. BROZANSKI~~ - 7

~~R. Y. BARNES~~ 7

~~M. MC TAGGART~~ - 7

P. R. ATKINS - 7 - FILE

ATC 0023960

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1980 May 08

Reule

Distribution:

Dr. T. C. Amend, Lancaster Works
J. S. Gill, Lancaster Works
J. M. Guitas, Lancaster Works
F. D. Hereda, Lancaster Works
J. K. Sellers, Lancaster Works

P. R. Atkins, Pittsburgh Office-7
R. M. James, Pittsburgh Office-7
N. W. Nielsen, Pittsburgh Office-18
V. W. Rieke, Pittsburgh Office-2
E. E. Rumberger/T. B. Bonney, Pittsburgh Office-7

info cc: R. L. Burns
R. S. Howell
J. R. Scifers/R. L. Dodson/S. W. Rudy/E. H. Rund
R. L. Volkman/J. C. Rebert
H. M. Walker

ATC 0023961

FROM L. M. CRIVARO

TO MEMORANDUM

RECEIVED

CONFIDENTIAL

1980 MAY 08

MAY 12 1980

PATRICK R. ATKINS

RE: ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING - 1980 MAY 01

Members Present: Dr. Amend, L. M. Crivaro, J. S. Gill, J. M. Guitas and J. K. Sellers

Members Absent: F. D. Hereda

Guests: D. L. Taylor

Industrial Hygiene Conference:

We reviewed the Industrial Hygiene Conference that L. M. Crivaro recently attended at the Alcoa Technical Center from 1980 April 28 to 1980 April 30. Attached to this report is a copy of the logo presented at the conference. It represents an employee who is surrounded by a protective shield. It serves to remind us that all employees have the right to work in a hazard free environment. The industrial hygienist must implement a program which will meet this goal. Where hazards do exist, employees have the moral and legal right to be informed of these hazards and protected from them. The conference included workshops which covered specific topics such as: (1) data feedback to employees; (2) employee training; (3) joint labor/management safety and health committees. Other topics covered at the conference were toxicology, workers compensation and the physician's role in the industrial hygiene program.

Medical:

No medical problems reported at this time.

Hearing Conservation and Noise Control (HCNC):

The consulting firm is scheduled for a plant visit and audit on 1980 May 15.

Closures - Metal Decorating Area:

Two (2) employees who were previously affected by coatings and/or lining material which resulted in skin rash problems have been ~~permanently disqualified~~ from working in this area.

X-Ray Equipment:

A follow-up on the visit by the representative from the Bureau of Radiological Health has resulted in the acquisition of information and recommendations in resolving the two (2) potential problem areas. Mr. W. F. Jefferson, Administrative Director in the Department of Radiology at Lancaster General Hospital, has provided us with information regarding radiographic exposure factors. His recommendation includes the purchasing of new cassettes and advising Mrs. Kendall, Registered Nurse at Lancaster Works, in the technical factors required to reduce patient's exposure.

ATC 0023962



8F-4883

ENVIRONMENTAL HEALTH STEERING COMMITTEE MEETING
1980 May 08
Page 2

Industrial Hygiene:

Results from the personal sampling monitor tests run by Mr. R. M. James' visit have been received. However, after Mr. James' full report has been received, we will notify all the employees of their test results and protective action will be taken, if required.

Vapor Degreaser:

Dan Taylor reviewed the current problem with the vapor degreaser, specifically the freon TMC emissions. Tests are still being conducted on the new vapor degreaser using the freon TMC solvent. Representatives from DuPont and the Detrex Company will be in the plant on 1980 May 05 to conduct additional emission tests. Lancaster's position has been and still is that Detrex must correct the machine problem in order to maintain the acceptable TLV established by Alcoa of 270 ppm for methylene chloride. ?

The next meeting of the Environmental Health Steering Committee will be held on Thursday, 1980 June 05 in the Staff Conference Room at 9:00 AM

L. M. CRIVARO

ds

ATC 0023963

Demolition Plan

Alcoa Lancaster

1700 Fruitville Pike

Owner - Alum. Co. of America - Pittsburgh, Pa.

Contractor - John Ed Smith & Son - Knoxville, Tenn.

Alcoa Contact - W. J. BRUNO - Lancaster

The demolition of this plant will generate the following materials:

Structural Steel

Aluminum Sheeting

" Lumber

" Cable

Concrete Block

" Roof Slab

" Floor

Misc. Elec. Panels

Oil Filled Transformers

Dry Transformers

Piping - Steel

" - Alum.

Wood

Asbestos (Gaskets)

Wor. Life Protection

Misc. metal (No. LCH)

Coating

Painting Materials

ATC 0023964

These materials will be removed from the site in the following manner:

<u>Material</u>	<u>Hauled By</u>	<u>Hauled To:</u>
OK Structural Steel	Sonrise/Kemmel/Lowell Jorney	Kemmel - Lancaster Lukens - Coatesville, Pa.
OK Alum. Sheeting	Pennex	Pennex Alum. - Pitzville, Pa.
OK " "	Paul Martin	Paul Martin - re. installation
OK " Ductwork	Pennex	Pennex Alum. - Pitzville, Pa.
OK " Cable	Martin Elec.	Martin Elec. - Lancaster, Pa.
Concrete Block ^{Mortar Removal}	John Ed Smith + Son	To be approved by LCSWMA
" Roof Deck	"	"
" Floor	"	"
OK Misc. Elec. Panels	Burger	" Burger
OK Oil Filled Transformer	"	" Burger
OK Dry " "	"	" Burger
OK Piping - Steel	Sonrise	Lukens - Coatesville, Pa.
OK " "	Kemmel	Kemmel - Lancaster, Pa.
OK Hood	Sonrise	Frey Farm Incinerator
OK Asbestos (Friable)	"	Frey Farm
OK Floor Tile (Non-Friable)	"	" "
OK Misc. Insul. (Non ACH)	"	" "
OK Carpeting	"	" "
OK Roofing Material	"	" "

The various materials will be handled as follows:

Structural Steel - Cut up ^{on site} in four foot lengths for melt at Lukens.

Alum. Sheeting + ductwork - Cut up ^{on site} and shipped to Penner for melt.

Alum. Cable - To Martin Elec. for re-use

Concrete Block - Crush and used as fill - the location to be approved by LCSWMA

Concrete Roof Slab - Separate from roofing material; combine with concrete block and use as fill - the location to be approved by LCSWMA.

Concrete Floor - Core and lab test suspect areas and, if clean, crush; separate exposed re-bar and use as fill (location to be approved by LCSWMA).
If not clean, ship to Fry Farm.

Misc. Elec. Panels - These are for sale.

Oil Filled Transformers - Test results for PCB's are as follows:

Transformer #1 - (6) Samples ND

(1) " 3.6 MG/KG

" #2 - (6) " ND

(1) " 3.6 MG/KG

" #3 - (6) " ND

(1) " 3.0 MG/KG

These transformers are for sale.

Dry Transformers - These are for sale.

Piping Steel - See structural steel

" Alum - see alum. ductwork

Wood - separated from other materials and send to Frey Farm Incinerator landfill to be chipped

Asbestos - Wet down, bag and shipped to Frey Farm.
already shipping

Flour Filler - Ship to Frey Farm

Misc. Insul. (NON ACM) - Ship to Frey Farm

Carpeting - Ship to Frey Farm

Roofing Material - Ship to Frey Farm

ATC 0023967

We understand that the following items have been approved for disposal as indicated above:

Structural Steel	Asbestos (Friable)
Alum. Sheeting	Floor Tile (Non-friable)
" Ductwork	Misc. Insul. (Non-A.C.H.)
" Cable	Carpeting
Piping - Steel	Roofing Material
Wood	

We understand that the following items will need approval as to the disposal location:

Concrete Block	Oil-filled Transformers
Misc. Elec. Panels	Dry " "

The roof concrete and concrete floor will be discussed in our meeting on Thursday, March 12, 1992 at 10:00 AM at the site.

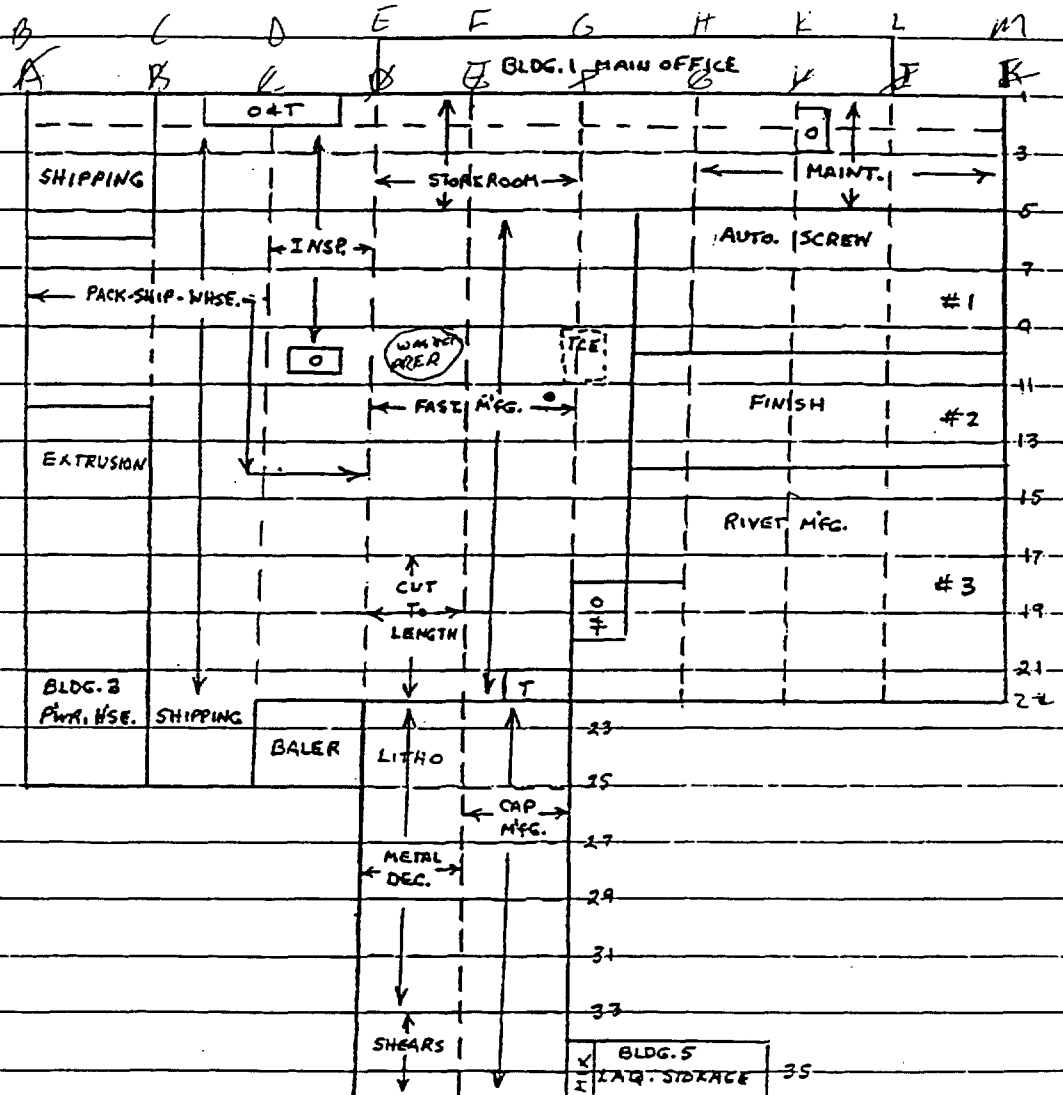
We have a method to separate the roofing material from the roof concrete so that the roof concrete can be classified as fill material.

Alcoa intends to test certain areas of floor concrete to make sure that we have non-contaminated concrete that can be used for fill material. The test areas contemplated are the Automatic Area, Little Area and Mixing Area as shown on the attached sketch "A". All other areas are either

areas that have not had materials in them that could cause contamination or have tested negative on prior tests.

The demolition schedule "B" is attached and, as you can see, we must resolve the concrete issue and any other issues as soon as possible in order to maintain our schedule.

"A"



ATC 0023970

From: W.J. BRUNO
LANCASTER

To: P.H. KAUF
PGH. OFF.

CC: G.L. ANDERSON

ATC

Re: DISMANTLING REPORT W/E 1992-04-04

General

Sumps - The water from LS-2 + 3 and Mixing Room Sump was shipped to Dupont on Tuesday 1992-03-31.

We have the O.K. from the City San. Authority to pump the rest of the water into their system next week.

Asbestos

Clearance tests were O.K. on the second floor of Bldg. 1 and the first floor is in progress. We expect to finish Bldg. 1 by the middle of next week.

Dismantling

The sheeting removal remains at 80%. One Hundred Twenty Two bags of steel are down and shipments to Luben have resumed.

John Ed Smith's Bobcat is on its way from Knoxville. He will use it to separate steel, alum. and roofing felts from the roof concrete. He will prepare a pile of roof concrete for inspection by the LCSWMA and Pa. DER and, if approved, we hope to classify it as clean fill.

We expect to start processing materials next week and start hauling in the next week or two.

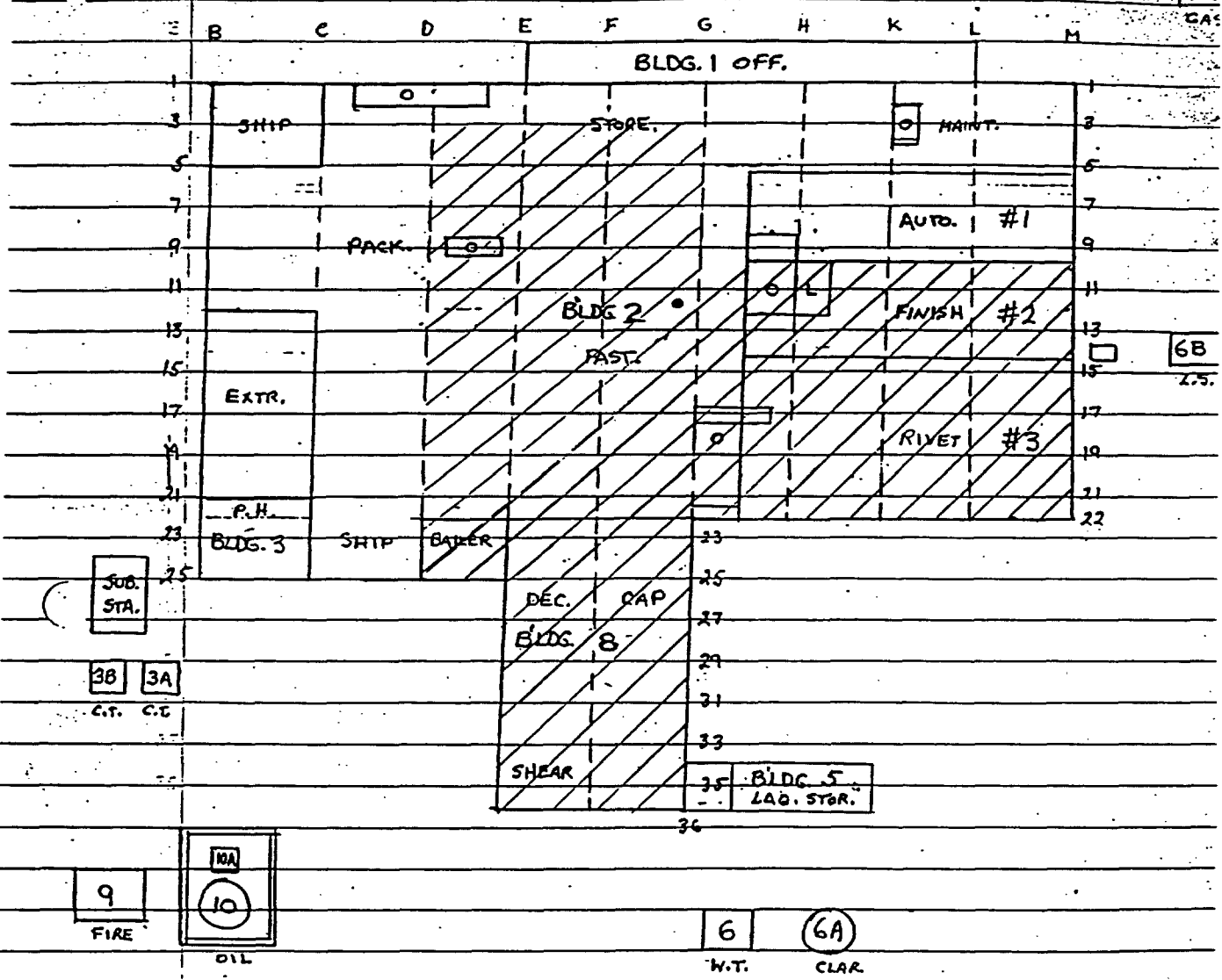
ATC 0023971

The Airport Auth. has agreed to take
clean fill at no charge. They are
careful about the fill material that is
being put there now but an audit
still may be req'd. by our Environmental
Dept.

[Signature]

ATC 0023972

7
CAS



LEGEND:

- ////// DISMANTLED (STEEL)
- XXXXX REMOVED (CONCRETE)

Demolition Plan

Alcoa Lancaster

1700 Fruitville Pike

Owner - Alum. Co. of America - Pittsburgh, Pa.

Contractor - John Ed Smith & Son - Knoxville, Tenn.

Alcoa Contact - W. J. BRUNO - Lancaster

The demolition of this plant will generate the following materials:

Structural Steel

Aluminum Sheeting

" Scaffolding

" Cable

Concrete Block

" Roof Slab

" Floor

Misc. Elec. Panels

Oil Filled Transformers

Dry Transformers

Piping - Steel

" - Alum.

Wood

Asbestos (Gaskets)

Floor Tile (Non-Fibrous)

Misc. Drunk. (Two ACH)

Coasting

Roofing Material

ATC 0023974

These materials will be removed from the site in the following manner:

<u>Material</u>	<u>Hauled By</u>	<u>Hauled To:</u>
OK Structural Steel	Sonrice/Kemmel/Lowell Forney	Kemmel - Lancaster Lukens - Coatesville, Pa.
OK Alum. Sheeting	Pennes	Pennes Alum. - Pitzville, Pa.
OK " "	Paul Martin	Paul Martin - re. installation
OK " Ductwork	Pennes	Pennes Alum. - Pitzville, Pa.
OK " Cable	Martin Elec.	Martin Elec. - Lancaster, Pa.
Concrete Block ^{material}	John Ed Smith + Son	To be approved by LCSWMA
" Roof/Slab	"	"
" Floor	"	"
OK Misc. Elec. Panels	Bunger	HA Bunger
OK Oil Filled Transformer	"	A Bunger
OK Dry	"	HA Bunger
OK Piping - Steel	Sonrice	Lukens - Coatesville, Pa.
OK " "	Kemmel	Kemmel - Lancaster, Pa.
OK Hood	Sonrice	Frey Farm Incinerator
OK Asbestos (Friable)	"	Frey Farm
OK Floor Tile (Non-Friable)	"	" "
OK Misc. Insul. (Non ACH)	"	" "
OK Carpeting	"	" "
OK Roofing Material	"	" "

The various materials will be handled as follows:

Structural Steel - Cut up ^{on site} in four foot lengths for remelt at Lickona.

Alum. Sheeting + ductwork - Cut up ^{on site} and shipped to Penned for ~~remelt~~ remelt

Alum. Cable - To Martin Elec. for re-use

Concrete Block - Crush and used as ^{clean} fill - the location to be approved by LCSWMA

Concrete Roof Slab - Separate from roofing material; combine with concrete block and use as ^{clean} fill - the location to be approved by LCSWMA.

Concrete Floor - Core and lab test suspect areas and, if clean, crush; separate exposed re-bar and use as fill (location to be approved by LCSWMA).
If not clean, ship to Frey Farm.

Misc. Elec. Panels - These are for sale.

Oil Filled Transformers - Test results for PCB's are as follows:

Transformer #1 - (6) Samples ND

(1) " 3.6 MG/KG

" #2 - (6) " ND

(1) " 3.6 MG/KG

" #3 - (6) " ND

(1) " 3.0 MG/KG

These transformers are for sale.

Dry Transformers - These are for sale.

Piping Steel - See structural steel

" Alum - see alum. ductwork

Wood - separated from other materials and send to Frey
Farm Incinerator landfill to be clipped for incineration

Asbestos - Wet down, bag and shipped to Frey Farm.
~~asbestos~~ ~~clipping~~

Floor Tile - Ship to Frey Farm

Misc. Insul. (NON ACM) - Ship to Frey Farm

Carpentry - Ship to Frey Farm

Roofing Material - Ship to Frey Farm

We understand that the following items have been approved for disposal as indicated above:

Structural Steel	Asbestos (Friable)
Alum. Sheeting	Floor Tile (Non-friable)
" Ductwork	Misc. Insul. (Non-ACH)
" Cable	Carpeting
Piping - Steel	Roofing Material
Wood	

We understand that the following items will need approval as to the disposal location:

Concrete Block	Oil-filled Transformer
Misc Elec Panels	dry "

The roof concrete and concrete floor will be discussed in our meeting on Thursday, March 12, 1992 at 10:00 AM at the site.

We have a method to separate the roofing material from the roof concrete so that the roof concrete can be classified as fill material.

Alcoa intends to test certain areas of floor concrete to make sure that we have non-contaminated concrete that can be used for fill material. The test areas contemplated are the Automatic Area, Little Area and Mixing Area as shown on the attached sketch "A" -. All other areas are either

areas that have not had materials in them that could cause contamination or have tested negative on prior tests.

The demolition schedule "B" is attached and, as you can see, we must resolve the concrete issue and any other issues as soon as possible in order to maintain our schedule.

Bob Dodson

- ① Backfill of 13000 GAL TANK - dirty soil
- ② Where were concrete sample from TCE area taken. → (what happened to concrete)
- ③ Where were DER spot samples taken
- ④ O & G results from Litho Area

TCLP → corrosivity, ignitability
→ pH - concrete

Was ~~effective~~
affected then
covered.

Asbestos containing tile material - Maintenance and Tool Room
- dispose of as asbestos

Pittsburgh Guidance

- 1 - concrete samples from finishing area
- How do they want to deal w/ possible subsurface contamination
 - removal of slab - entrance migration
 - seal borings
 - automatic oil tank
 - Little area
- ✓ PCB hydraulic system
- ✓ auxiliary buildings - pump station - chrome contamination
- testing requirements
- Fiberglass insulation on ~~refrigerator~~ concrete roof
- ✓ oil in Fiberglass roof
- ✓ asbestos floor tile in Maintenance Room
- ✓ MISC/COATING PUMPS & PIPING SYSTEMS
- List of chemicals on MSDS sheets
- initiate demolition of "clean" areas → contractor scheduling
- ✗ - underground piping
- proposed sampling techniques
- condition of floor - visual
- # hours liability

Foundation Maps → concrete thickness

→ SOIL UNDER OIL TANKS

Bob Dodson - underground fuel oil tanks for boiler - documents what was done

- asbestos in tile

- cleaning of 100,000 GAL TANK - pipings not cleaned
- asbestos in Gas house ceiling? - do not know.

1-ft station / waste treatment / Power house / cooling towers - asbestos - chrome

→ Sampled & sent to Rich Minto - asbestos in tile

- asbestos in ceiling of gas house

From: J. Bruno
Lancaster

To: P. H. Kaut
Pgh. Off.

CC: G. L. Anderson
ATC

Re: Dismantling Report - W/E 1992-02-29

General

Sumps - Dupont Chambers will accept the liquid in LS-2 and 3 and the mixing room sump at a cost of \$1,300. Arrangements are now being made to transport to New Jersey.

A letter to the City was sent 2/10/92 requesting discharge of the other sumps to the Lancaster POTW. No answer rec'd. as yet.

Asbestos

Bldg. 2, room 1 tested positive for ACM. Removal was completed 2/25/92. Clearance tests were run and were successful. This completes ACM removal in Bldg. 2.

Bldg. 1 Office was started this week and will complete W/E 3/21/92. Boiler House will follow.

Dismantling

ATC 0023982

Sheeting removal remains at 80% complete. Sixty two bays of steel are down, cut up and shipped to date. See attached sketch.

The Lancaster County Solid Waste Mgmt. Authority

has turned our written request, to use the roof concrete and roof felts and gravel for clean fill, over to the Pa. D.E.R.. No written reply has been rec'd. but a call to them on 2/25/92 indicates that they still insist that the material be disposed of at the Frey Farm landfill at \$67/ton despite the fact that the TCLP test shows the roof felts are non-toxic and non-leachable. They also mentioned that the concrete floor must be disposed of at Frey Farm. The estimated costs involved in landfiling these materials, up-dated to include hauling to Frey Farm, are as follows:

Roof Concrete -	\$58,900
" Felts -	25,700
Concrete Floor -	426,300

TOTAL - \$510,900

Lee Byers discussed the problem with Frank Fair of the Pa. DER and is awaiting his comments. Lee's position on the roof felts is probably to landfill at Frey Farm despite the favorable lab report.

353

BLD 7

BLDG 1A

BLDG. 1

BLDG. 2

#1

BLD 6B

ABATEMENT ROOM
(NEG. AIR) #2

#3

BLDG. 3

SUB.
STR.

3B

3A

BLDG. 4

BLDG. 5

BLDG 9

BLDG 10

BLDG 6

BLDG 6A

LEGEND:  DISMANTLED

ATC 0023984