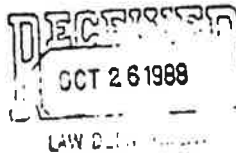


Westinghouse
Electric Corporation



88/4007

Westinghouse Building
Gateway Center
Pittsburgh Pennsylvania 15222

October 25, 1988

Mr. James R. Shack
Project Officer
Commonwealth of Pennsylvania
Department of Environmental Resources
Bureau of Waste Management
121 South Highland Avenue
Pittsburgh, PA 15206-3988

bcc: REW
TJK
PPJ

(copies do not include Attachments
1, 5 and 7; and the drawings).

RE: Westinghouse Electric Corporation
Beaver Plant

Dear Mr. Shack:

In accordance with your letters dated September 19, 1988 and October 3, 1988, Westinghouse Electric Corporation is providing this response. We appreciate the extension of time that you allotted, however, due to the scope of your request, we are still reviewing information and may supplement this response.

It is our understanding that your request pertains to the period of time that Westinghouse has owned the Beaver facility. However, as we have previously discussed, Westinghouse has a record retention policy which usually limits the maintenance of records for six years. Therefore, documentation of the use of hazardous substances and their generation, storage, transporting and disposal is limited.

Westinghouse purchased the Beaver facility in 1947 and operations began the same year. At the same time Westinghouse constructed an on-site wastewater treatment plant and was issued an Industrial Waste Permit (No. 713) on May 28, 1948. The available documentation indicates that a majority of the "liquid" waste streams were treated in this plant. (Please refer to Attachment 1). It is difficult to provide specific responses to Questions 1, 2, and 3 contained in your September 19, 1988 letter for the entire time period you have requested information. Generally, the processes at the facility that use(d) hazardous substances and the associated storage areas are located on Attachment 2, and are as follows:

- * A-4 Plating (Columns AX/5-9)
- * A-9 Plating (Columns X/16-21)
- * Ammonia Storage Tanks (Columns K/33 and outside X/1)
- * Boiler House (Columns X/21-29)
- * Bonderizer (Columns DE/16-23)
- * Bonderizers (Columns GM/9-15 and CD/11-15)
- * Bulk Storage Overhead Tanks (Columns X/11-15)
- * Control Laboratory (Columns A/1)
- * Degreasers (see itemized list in Attachment 3, MP-1)
- * E-47 Molding (Columns JK/47-58)
- * GR-73 Thermostat Line (Columns E/31)
- * Heat Treating (Columns XA/1-5)
- * Impregnation - Coils (Columns F/17-19)

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- * Limitrak Spray (Columns J/45-47)
- * Neutralization Plant
- * Nitrogen Storage (Outside Column X/13)
- * Old Acid Storage Tanks (Columns X/17-19)
- * Old RCRA Storage Area (Columns A/61-63 and FG/65-67)
- * Paint Spray Booths (Columns EF/19-21 and BC/37)
- * Paint Stripping (Columns D/13-15)
- * Plating (Columns JK/29-31)
- * RCRA Storage Area (Columns X/16-21)
- * Receiving and Storage Areas (Columns AB/24-31, AB/39-41, AB/41-43, AB/50-51, and CD/6)
- * Vinyl Coating (Columns B/15-16)
- * Waste Storage Tanks (outside of A-9)
- * Photo Laboratory (Columns FG/Basement of Annex to Administration Building)

* Areas and/or processes in current operations

Generally, the processes have not significantly changed over the years. The response to Question 5 provides information on the wastes generated after 1981, and we do not have any reason to believe that the character and quantity of the wastes generated prior to 1981 would be substantially different. It should be noted that hazardous substances which are piped within the plant are conveyed, with the exception of those identified in Attachment 3, via overhead piping systems. In lieu of preparing drawings of these overhead lines, we suggest that you visit the facility to view these pipes if deemed necessary.

Although records of each operation are generally not available, we have located a chart dated 1979 tabulating the materials usually present in the plant areas subject to the reporting requirements of the Clean Water Act (Attachment 4).

In addition, the facility has an SPCC Plan for its operations, and a copy of the most current Plan is attached (Attachment 5).

4. What were the methods used to treat, store, and/or dispose of hazardous substances at the facility?

We have not located any records that would indicate that any portion of the property was used for the disposal of hazardous substances. Hazardous substances were treated at the wastewater treatment plant by the following methods:

- Neutralization
- Cyanide Destruction
- Chrome Reduction
- Metal Precipitation
- Aeration/Settling
- Filtration

Ted Kasper is the Westinghouse Beaver contact who presently arranges for on-site transporting of hazardous substances. His telephone number is 412-773-1785.

8. Identify any individual, company, corporation, or entity who arranged for the off-site treatment or disposal of hazardous substances. Include name, address, phone number, contact person.

Since 1986, Mr. Ted J. Kasper, Environmental Control Officer (ECO) at the Beaver Plant arranges for off-site treatment or disposal of hazardous substances. His address and phone number are:

Westinghouse Electric Corporation
Vanport Plant
Tuscarawas Road
Beaver, PA 15009
412-773-1785

From November, 1980 until 1986, transportation logs were kept by Ms. Jean Lozz. Jean is retired and resides in the Beaver area. Off-site transportation arrangements possibly were handled by any of the following Westinghouse personnel:

Lee Atkinson
Jerry Osmanski
Chick Hurst
Norm Bollinger
Nelson Beck

Except for Messrs. Atkinson and Hurst, all of the persons listed above are still employed by Westinghouse Electric Corporation. Mr. Atkinson is deceased and Mr. Hurst is retired and resides in Beaver.

As referenced in the October 14, 1959 policy (Attachment 8), Mr. C. Miller was responsible for receiving and disposition. Mr. Miller's existence and/or whereabouts is unknown.

9. In addition to the facility, where within the Westinghouse Corporation [sic] could records (copies, originals, microfiche, electronic storage, etc.) pertaining to the facility and quarry be stored? Include name, address, phone number, and name of contact person.

Duplicate copies of some documents are kept at Westinghouse Headquarters, Gateway Center, Pittsburgh, PA 15222. I am the contact person for Headquarters files.

In addition, Westinghouse archives records at "the mines." The "mines" are former salt mines now used as storage facilities for corporate records. Westinghouse requested indices of the Beaver files available at the "mines" as a part of this and the previous PADER request. The indices were received on October 13, 1988; and as such, the available files have not been thoroughly

4

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In addition three concrete lined pits have been used for the treatment of materials before their discharge. The first pit treated waste water generated in the photo laboratory before the waste water was discharged to the sanitary sewer. The second pit treated waste water generated in the control laboratory before it was discharged to the permitted outfall. The last pit was part of a spill containment/treatment system for the old acid storage area. The discharge was to 2 Mile Run.

Storage of hazardous substances are identified in our response to Questions 1, 2 and 3.

Off-site disposition of hazardous substances is addressed in our response to Question 5.

5. Where were hazardous substances disposed of off-site? Include name, address, phone number, contact person; identify the hazardous substances, quantity and methods of disposal or treatment.

Off-site disposal and/or treatment facilities as identified in the plant and headquarters files are listed on Attachment 6. Quarterly reports, identifying estimated quantities and methods of treatment/disposal have been submitted to your office since 1981, and copies as requested, are provided in Attachment 7. Prior to 1981 reporting, volumes of substances disposed of off-site were not maintained. Likewise, treatment or disposal methods and contact names were not specified on the records reviewed.

6. Identify transporters, including name, address, phone number, and contact person used to transport hazardous substances off-site for disposal or treatment. If Westinghouse Corporation (a/c) owned, leased or operated the vehicles that were used, state so.

Attachment 9 lists transporters that were contracted by Westinghouse for transporting hazardous substances off-site for treatment or disposal. None are owned, leased or operated by Westinghouse, except that a Westinghouse owned and dedicated trailer was used to transport capacitors to Ensco.

7. Identify transporters, including name, address, phone number and contact person used for on-site transportation of hazardous substance for disposal or treatment.

No records have been found to indicate that contractors were hired for any on-site transportation of hazardous substances. As stated in the response to questions 1, 2 and 3, most of the liquid wastes were transported to the wastewater treatment plant through overhead piping.

Currently, on-site movement of hazardous substances for off-site disposal or treatment at the plant consist of the following:

- transferring of empty cyanide containers (30 or 55 gallon).
- movement of contained wastes from the user area to the RCRA Storage Area and to contracted (non-Westinghouse) disposal trucks.
- emergency or upset conditions handled in accordance with the SPCC Plan (Attachment 3).

reviewed because of time constraints. Ted Kasper is the initial contact person for the "mines". The "mines" address is:

Westinghouse Record Center
P.O. Box 47
Boyers, PA 16020

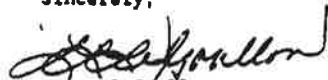
Records at the "mines" are normally destroyed after a time period of six years. However unlikely, if after completion of the review of the records contained there, any additional pertinent information is discovered, Westinghouse will forward such to PADER.

10. Identify any hazardous substances that Westinghouse Corporation [sic] disposed of at the quarry. Include quantities, dates, transporters.

This question is essentially a reiteration of PADER's previous request dated August 18, 1988. Please refer to our response of September 2. In reviewing the records for preparation of this response, no additional information was found pertaining to transportation and/or disposal of hazardous substances at the quarry pit. The only record found was the Westinghouse policy dated October 14, 1959 (Attachment 8), purporting that Westinghouse personnel and vehicles transported empty cyanide drums to the quarry. The policy clearly states that the only wastes shipped to the quarry were the empty drums. The sludges were to be disposed of by Mr. Ellis and we have not identified any record of the site that he used.

As we have previously stated, the scope of the request for information spanning 41 years has made our response within the time frame specified difficult. In addition, prior to 1981 there were no requirements to keep records that pertained to hazardous substances, coupled with our normal record retention policy, this has limited our ability to have specific information. We will continue to review our records to determine if there is any additional information that is responsive to this request.

Sincerely,



L. L. LeGaulon
Project Engineer
Environmental Remediation
Environmental Affairs

LLL/cm

Attachments

cc: E. Farland - Beaver Plant

ATTACHMENT 1

NPDES Permit Application
Industrial Waste Permit Number 713
NPDES Permit
NPDES Permit - Amendment 1
NPDES Permit - Amendment 2

WPL 005 0920

132/ 6122198

ATTACHMENT 2

Block Layout

WPL 005 0921

132/ 6122199

ATTACHMENT J

Drawings

WPL 005 0923

132/ 6122201

INDEX OF DRAWING EXHIBITS

1. GENERAL PLANT

<u>Exhibits</u>	<u>Drawing Nos.</u>	<u>Description</u>
LO-1		Plant Layout
LO-2		FLA Plan showing underground tanks

2. BONDERIZER

B1	SKA-44559	Underground tank (Typ. 3 locations)
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3. FACTORY BUILDING

F1	B144	Acid Drain from Control Lab
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4. A4 PLATING & HEAT TREAT

A4-1	E1	Acid & Plating Solution Storage Tanks
A4-2	Sk-D-206	Plating Dept. Trench Plan
A4-3	M1	Heat Treat Room
A4-4	M2	Underfloor Piping Plan
A4-5	M4	Underfloor Piping Plan
A4-6	M5	Plating Room Plan
A4-7	M6	Piping Details
A4-8	B110	Drain Pad for Tumble Barrels
A4-9	Sheet 1	Department Piping
A4-10	Sheet 1	Drain Pad & Sump Drain-Degreaser

5. ADMINISTRATION BUILDING

AB-1	SKA-44891	Foundation Plan showing acid neutralizing basin
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6. COIL IMPREGNATING

CI-1		Coil Impregnating Set-Up
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7. A9-BUS BAR PLATING

A9-1	A2	Plating Area Full Plan & Sects.
A9-2	A3	Plating Area Piping & Pits
A9-3	S2	Exterior Acid Storage Tanks
A9-4	S1	Acid Tank Basin & Piping

8. GROUP E-16 PLATING

<u>Exhibits</u>	<u>Drawing Nos.</u>	<u>Description</u>
E-1	D-1303	Layout of Floor

9. NEUTRALIZATION PLANT

NP-1	SK-A337	Treatment Plant Flow Diagram
NP-2	SD-A355	Connection to Ohio River Sewer
NP-3	G1	Plans, Elevations, Sections
NP-4	M-1	Piping & Heating
NP-5	M-2	Reaction, Settling & Storage Tanks and Piping
NP-6	A-1	Additions to Waste Neutralization
NP-7	A-2	Additions to Waste Neutralization
NP-8	A-3	Additions to Waste Neutralization
NP-9	Michael Baker-1	Waste Treatment Plant
NP-10	" " -2	" " "
NP-11	" " -3	" " "
NP-12	" " -4	" " "
NP-13	" " -5	" " "
NP-14	" " -6	" " "
NP-15	" " -7	" " "
NP-16	" " -8	" " "
NP-17	" " -9	" " "
NP-18	" " -10	" " "
NP-19	SKA-316	Process Water System from Waste Treatment Lagoon
NP-20	SKA-359	Treatment Plant-Sludge Filter Press

10. MISCELLANEOUS PLUMBING WORK

MP-1		Degreasers
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ATTACHMENT 4

Chart of Materials

WPL 005 0926

132/ 6122204

From Works Engineering
222-1326
Date March 14, 1979
Subject Spill Handling Procedures

To All General Foreman
Pete Sasic
Pat Sonita
Art Pray
Abe Mike
Merle Watt

cc: Z. J. Kruzic
L. S. Lennartson
W. A. Schmidt
K. L. Green
D. T. Fritzen
W. L. Mehlmauer
C. Heimbrock
E. M. Walker
C. R. Hurst
~~B. Palmieri~~ *N. Beck*
D. Wahrle
F. Tagg

The following is a reminder as to the proper procedures to be followed in case of an accidental spill of Cyanide, Acid or Alkaline Solutions, Chromic Acid, Oil or other hazardous materials. The procedure should be made known to all foreman and personnel handling and operating material and equipment wherein the above mentioned is utilized or stored. The potential exists for fine and/or imprisonment, shutdown of facilities and loss of government contracts.

I. A CYANIDE, ACID-ALKALINE SOLUTION, CHROMIC ACID OR OIL SPILL IN OR AROUND A WASTE STREAM ENTERING THE NEUTRALIZATION PLANT.

Immediately notify the following personnel:

A. Daylight

1. Neutralization Plant Operator - Owen Whipple, Ext. 424
2. Chick Hurst, Ext. 358 or 382

B. Second Shift

1. Howard Carson, Ext. 358 or 382 (Page if he is not in the office)
2. Boiler House Personnel, Ext. 408

Original Date:

WFL 005 0927

132/ 6122205

C. Third Shift, Weekends & Holidays

1. Boiler House Personnel, Ext. 408

The area supervisor and/or general foreman should also be made aware of the spill.

II. AN OIL OR OIL RELATED PRODUCT SPILL IN OR AROUND A FLOOR DRAIN INSIDE OR OUTSIDE THE BUILDING.

NOTE: In the case of a small oil spill that can easily be contained without any possibility of getting into a drain inside or outside the building, clean up the spill with Oil-Dri. Properly label the container used for the disposal.

Immediately notify the following personnel:

A. Daylight

1. Ray Talvan, Ext. 382 - 358
2. Chick Hurst, Ext. 382 - 358

B. Second Shift

1. Howard Carson, Ext. 382 - 358
2. Boiler House Personnel, Ext. 408

C. Third Shift - Weekends - Holidays

1. Boiler House Personnel, Ext. 408

The area supervisor and/or general foreman should also be made aware of the spill.

As per government regulations, we must provide training to all personnel in areas where oil spills could occur and to those responsible for handling and storing the oil.

The affected supervisors should have a training session for their appropriate people using the attached guidelines. The Oil Spill Training Session Form should then be completed and returned to this office.

I recommend that future Safety Observer Schools also cover oil spills during their sessions.

WPL 005 0928

132/ 6122206

III. A HAZARDOUS MATERIAL SPILL IN OR AROUND AN INSIDE OR OUTSIDE FLOOR DRAIN

Immediately notify the following personnel:

A. Daylight

1. Owen Whipple, Ext. 424
2. Chick Hurst, Ext. 382 - 358

B. Second Shift

1. Howard Carson, Ext. 382 - 358
2. Boiler House Personnel, Ext. 408

C. Third Shift - Weekends - Holidays

1. Boiler House Personnel, Ext. 408

The area supervisor and/or general foreman should also be made aware of the spill.

NOTE: In the case of a hazardous material spill that can be easily contained without any possibility of getting into a drain or outside catch basin, clean up the spill. If there are any questions as to the proper procedure, contact Ed Walker or Dave Wehrle on Ext. 272 or 273.

If a hazardous spill occurs in the plant during other than daylight hours, where the spill can or cannot be contained, the area supervisor should be contacted. If there are any questions to the proper procedures or methods to be followed, contact Ed Walker (643-1305) or Dave Wehrle (847-2618)

If you have any questions, please feel free to call me.

G. S. Gernanski
Manager, Works Engineering

clm

WPL 005 0929

132/ 6122207

TOPICS TO BE DISCUSSED AT THE TRAINING SESSION

1. Oil and oil products are to be handled making certain that care is taken to prevent spills.
2. Oil and oil products are not to be dumped in sinks, in drains, down toilets or spilled on the roadways or any other areas. This oil could get into the stream and pollute the water. Even an oil sheen on the water could be considered as pollution.
3. Verify the nearest location/s where Oil-Dri is stored. If you have oil stored in your area and you lack Oil-Dri, request a drum of it from the Oil House. Show your personnel the location/s of the Oil-Dri.
4. Should an oil or oil product spill occur, Oil-Dri should be dumped on the spill. If the spill is rather large, attempt to contain the spill by any reasonable means. Divert the spill from any open drains until the clean up can begin.
5. The soaked Oil-Dri should be shoveled into empty drums for proper disposal. The drum should be labeled "Spent Oil - Oil-Dri-Flammable".
6. If any oil does find its way into a drain inside or outside the building, notify the proper personnel as follows :
 - A. Daylight
 1. Ray Talven, Ext. 382 - 358
 2. Chick Hurst, Ext. 358 - 382
 - B. Second Shift
 1. Howard Carson, Ext. 382 - 358
 2. Boiler House Personnel, Ext. 408
 - C. Third Shift - Weekends - Holidays
 1. Boiler House Personnel, Ext. 408
7. The supervisor and/or general foreman should also be notified.

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132/ 6122208

NEAREST LOCATION/S OF OIL-D#:

Send to G. S. Ozanski
Works Engineering Office - 3-B-8

Comments:

WPL 005 0932

132/ 6122210

HAZARDOUS MATERIALS

LOCATION AND QUANTITIES NORMALLY ON HAND

WPL 005 0933

132/ 6122211

Mat'l Anal. No.	A-2		A-4		A-9		B-10		E-47		B-30		House		Volatile Tank		Gr.
	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	
Potassium hydroxide 52219A10X 2-1000g	200 lbs.	400 lbs.	200 lbs.	400 lbs.	200 lbs.	400 lbs.							100 lbs.	300 lbs.			
Sodium disulfite 52311C210A 2-5000g													2400 lbs.	4800 lbs.			
Sodium cyanide 5271A10A 1-10g	1200 lbs.	1600 lbs.	400 lbs.	1200 lbs.	400 lbs.	1200 lbs.							2400 lbs.	4800 lbs.			
Sodium hydroxide 52211A512E 2-1000g		1000 lbs.		1000 lbs.	500 lbs.	1000 lbs.							4000 lbs.	8000 lbs.			
Sodium nitrite 52311B110A 1-10g													440 gal.	880 gal.			
Styrene 51500EA00V 2-1000g														300 lbs.	500 lbs.		100 lb.
Toluol 51500CH01B 2-1000g	110	110															
Trichlore- ethylene 51500E01B 2-1000g	55 gal.	55 gal.	55 gal.	55 gal.													

WPL 005 0934

Mat'l and No.	A-2		A-4		A-9		Bonderizer		E-47		E-30		Oil House		Outside Tank		Gr. 73	
	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.	Nor.	Max.		
Ammonia 52307FA00A 3-100#		5 gal.																
Methyl Acetate 314008W00Y 3-5000#		5 gal.					5 gal.							20 gal.				
Chromic Acid 2226AA10X 3-1000#		100 lbs.												100 lbs.				
Chromic Acid 35 L00V 3-100#							2 gal.	4 gal.	4 gal.	8 gal.				24 gal.				
Hydrochloric acid 2217AK01B 3-5000#		330 gal.	55 gal.	110 gal.	110 gal.	165 gal.	55 gal.	110 gal.	220 gal.	330 gal.				300 gal.				
Ickel Chloride 2328AA10A 3-5000#														600 lbs.				
Ickel Sulfate 3521BA10X 3-5000#														7200 lbs.				
Iodic Acid 2207AA00A 3-1 #																		
Phosphoric Acid 2215AC01X 3-5000#		20 gal.												30 gal.				
Potassium Cyanide 2319DB10A 3-10#		1600 lbs.	800 lbs.	1200 lbs.		400 lbs.								2400 lbs.				
Toluene 351CAK01B 3-1000#																		
Formaldehyde 31000#																		

MPL 005 0935

ATTACHMENT 5

SPCC Plan

WPL 005 0936

132/ 6122214

ATTACHMENT 6

Off-Site Disposal Facilities

WPL 005 0937

132/ 6122215

Off-Site Disposal Facilities

AMD Pollution Services
PO Box 1118
Canonsburg, PA 15317
412-921-8486

DECOS
56th Street & Pine Avenue
Niagara Falls, NY 14303
Buffalo, NY 14207
716-382-2676

DEOS
5472 Aber Road
Williamstown, Ohio 45176
614-724-6114

Chem-Clear
2700 Broadway
Cleveland, OH 44115
216-429-2401

Chemical Waste Management
Inc. P.O. Box 55
Emelle, AL 33459

Chemical Waste Management
4626 Adams Center Road
Fort Wayne, IN 46806
317-447-5565

Ellis, John **

Enco
47th & Smith Avenue
Eldorado, AR
501-362-1667

Envirite Corporation
1050 Central Avenue
Canton, Ohio 44707
216-456-6238

Environmental Enterprises
Cincinnati, OH 45215
513-772-2818

Fordessy Enterprises
876 Otter Creek Road
Oregon, OH 43616
419-698-6111

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Off-site Disposal Facilities (continued)

Frontier Chemical Waste Process, Inc.
4625 Royal Avenue, P.O. Box 1471
Niagara Falls, NY 14302
716-295-8208

Gardon & Scott, Inc.
Newark Industrial Park
100 Armady Drive
Cranston, RI 02920
401-462-5550

OCX (Alchem-Tron)
2516 Train Avenue
Cleveland, OH 44115
216-441-5628

OCX (Alchem-Tron)
7410 Sessamer Avenue
Cleveland, OH 44127

Industrial Waste Division (Cenco)
East Palestine Road,
Carlington Township, PA 16115
412-845-4109

Inman, T. C., #8
Box 400, R.D. #2
New Brighton, PA 15066

Nelson Chemical Company
12345 Schafer Highway
Detroit, Michigan 48227
313-925-1500

Safety-Kleen Corporation
581 Milliken Southeast
Hebron, OH 43025
614-929-3502

SCA Chemical Services
11700 S. Stony Island
Chicago, IL 60617
312-646-5700

SCA Chemical Services
1350 Balmer Road
Model City, NY 14107
716-754-6001

Technic Inc.
1 Spectacle Street
Cranston, RI 02910
401-781-6100

HWL 005 0939

132/ 6122217

Off-Site Disposal Facilities

WFC Processing Company
Walnut Lane
R.D. #5, Box 5553
Pottsville, PA 17901
717-774-9300

is Refer to the 1959 Policy included as Attachment B.

WPL 005 0940

132/ 6122218

ATTACHMENT 7

Quarterly Reports

WPL 005 0941

132/ 6122219

ATTACHMENT 8

1959 Policy

WPL 005 0942

132/ 6122220

① J.D. C.
② C.H.
③ FILE 4630

4670 Std. Cont. - Be
October 14, 1951

"Cyanide Containi
from Sections A
A-4 and A-9"

SHOULD WE HAVE
COPIES MADE FOR
DISPATCH DESK OR CAN
YOU USE BILLS COPY?

TO: Committee Members
Mr. C. A. Pickering
Mr. E. Perry
Mr. L. G. Atkinson
Mr. W. D. Cupps
Mr. A. G. Erwin
Mr. F. B. Fox
Mr. H. C. Gagliardi
Mr. J. F. Johnston
Mr. F. Martin
Mr. W. A. Ralph, Jr.
Mr. W. B. Wilkinson
Mr. W. L. Zischkau
Capt. A.P. Sorensen

cc: Mr. H. Wilson
Mr. C. Miller
Mr. E. M. Walker
Mr. C. Klingensmith
Mr. H. Burkel
Mr. J. Willem
Mr. W. Spear
Mr. H. Nunamaker

At the Policy Committee Meeting held 10-8-59, this procedure was approved regarding the subject containers.

1. EMPTY CYANIDE CONTAINERS - Paper Type
 - a. Cut up inner plastic bag liner and place in empty parent container
 - b. Cut or punch holes in bottom and sides of container.
 - c. Section emptying container to crush same, then attach special "Poison Tag" immediately.
 - d. Deliver "tagged", crushed container to Receiving - Attention: Mr. Miller.
 - e. Disposition - to be hauled to sand pit and dumped. All container tags to be removed by trucker and returned to Mr. Miller as the truck leaves plant.
2. EMPTY CYANIDE CONTAINERS - Metal Type
 - a. Follow sections "a through e", as in 1. above.
3. CYANIDE "SLUDGE" WASTE IN METAL "CYANIDE" CONTAINERS
 - a. Section disposing sludge to seal container and attach "Poison Tag"
 - b. Section supervisor to handle hauling instructions to electric tr personally, send to Receiving, Attention: Mr. Miller.
 - c. Disposition of containers at Receiving:
 1. Mr. C. Miller to notify Mr. Ellis (trucker) that the material is ready for disposition.

WPL 005 0943

132/ 6122221

1. CYANIDE "SLUD..." WASTE IN METAL "CYANIDE" CONTAINERS (cont)

2. Mr. Ellis should dispose of these containers in line with his hauling agreement.

Any deliberate disregard for the above ruling shall constitute a serious breach of plant safety rules and will necessitate disciplinary action.

H. C. Gagliardi
H. C. Gagliardi
General Foreman
D-General

WPL 005 0944

132/ 6122222

ATTACHMENT 9

Transporters

WPL 003 0945

132/ 6122223

Transporters

AND Pollution Services
P.O. Box 311B
Canonsburg, PA 15317
412-721-8486

AES Environmental Specialists
71 Science Street, Box 1801
Huntington, PA 15704
717-779-5316

Browning Ferris Industries (BFI)
East Palestine, Ohio 44410

Ruffalo Fuel Corporation
2445 Allen Avenue
Niagara Falls, NY 14300
716-775-1921

DECOS, International
3721 Fenimore Avenue
Buffalo, NY 14207
716-875-2676

Chemical Waste Management, Inc.
2116 Snyder Damer Road
Springfield, Ohio 45502
219-423-1655

D&J Transportation Specialists, Inc.
107 7th North Street
Liverpool, NY 13088

D&J Transportation Specialists, Inc.
227 Solar Street
Syracuse, NY 13204
716-704-6114

Ellis, John **

Ersco
West 300 N. Curry Park
Bloomington, IN
317-332-4421

Env-write Corporation
2050 Central Avenue
Canton, Ohio 44707
216-456-6238

Environmental Contr. Division
Whelan Construction Company
40185 Lodge Road
Leestonia, OH 44431
216-424-9595

WPL 005 0946

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Transporters

Environmental Transportation Services
701 Sherman Street
Akron, Ohio 44311
216-376-1437

Frontier Chemical Waste Process, Inc.
4-25 Royal Avenue, P.O. Box 1471
Niagara Falls, NY 14302
716-295-8008

POX (Alchem-Tron)
2516 Train Avenue
Cleveland, OH 44115
216-441-5028

4L/NIW
2221 Fenmore Avenue
Buffalo, NY 14207
716-872-4200

Hecmat Environmental Group
P.O. Box 676
Buffalo, NY 14217
716-877-5533

Industrial Waste Division (Conco)
P.O. Box 222
New Brighton, PA 15066
412-843-8130, PA

Inman, T. C. #8
Box 432, R.D. #2
New Brighton, PA 15066

Marine Pollution Control
8631 West Jefferson
Detroit, Michigan 48209
313-849-2323

McCutcheon Enterprises
RD #1, Box 268A
Vandergrift, PA 15690
412-568-3623

Metropolitan Environmental
P.O. Box 609
Celina, OH 45822
800-324-9129

Nelson Chemical Company
12345 Schafer Highway
Detroit, Michigan 48227
313-933-1510

WPL 005 0947

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Transporters

Ohio Liquid Disposal
Sandusky, Ohio 44820

Petroclean, Inc.
8 Willow Street
P.O. Box 92
Carnegie, PA 15106
412-279-9556

Safety-Kleen Corporation
581 Milliken Southeast
Hebron, Ohio 43025
614-929-3522

Safety-Kleen Corporation
10 Industrial Park Drive
Wheeling, WV 26000
724-222-6567

Schneider Tank Line
3051 South Ridge Road
Green Bay, WI 54306
800-558-5091

Technic, Inc.
1 Spectacle Street
Cranston, RI 02910
401-781-6100

U.S. Services Corporation
(no address)
412-573-1373

7-7, Inc.
361 Weber Drive
Letherman Plaza
Wadsworth, OH 44281
800-221-6096

** Refer to the 1959 Policy included as Attachment B.

WPI 005 0948

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MISCELLANEOUS PLANT EQUIPMENT

1. DEGREASERS	DE. NO.	STATUS	LOCATION	CLEANING MEDIUM	DESCRIPTION
DETRIX	1165	SOLD	AB 17 (1948)		VS 100 13'-8X5'-2X7'-8
MECH. PROCESS	1214	SOLD	C2 (1948)		24"X24" STEAM HEATED
OPTIMUS	1943	SOLD/ SCRAPPED 1963	A4 - COL 5AX		OP258 DEGREASER
KLEBER FLO	2146	SCRAPPED 1959	J6-8 (1951)		MODEL PW-300 POWERMASTER
KLEBER FLO	2147	SCRAPPED 1959	G6 (1951)		PW-300 80 GAL.
MANPRO	3333	SCRAPPED	A4-COL AX-5		NE-14128 240 GAL. STORAGE TANK
BARON BLANCSIEZ	3898	SCRAPPED	A2-COL AA-3-4 (1969)		
LENAPE	4115	INSTALLED 1973	COL F19	FREON	LITTLE BRAVE
KLEBER FLO	4227	INSTALLED 1977	A1-COL G3	KLEBER FLO HI T DEGREASOL. PART #N667-55	PW-350 AM
DETRIX	5058	INSTALLED 1981	COL E19	METHYLENE CHLORIDE	VAPOR DEGREASER
RAMCO	4928	INSTALLED 1981	GR. 16/COL R-28	**	

**CONVERTED TO FREON FROM TCE

2. OTHER	DE. NO.	STATUS	LOCATION	DESCRIPTION
KN03 COOKING POTS		SCRAPPED	COL F-31	
PARTS WASHER	2917	SOLD 1984	COL B-C 1	SIMPLICITY VIBRA-WASHER

Exhibit JP-1

<u>SMALL QUANTITY COLD CLEANING</u>	<u>DE NO.</u>	<u>STATUS</u>	<u>LOCATION</u>	<u>CLEANING MEDIUM</u>	<u>DESCRIPTION</u>
5 GAL CAN			JK 1	1,1,1	1 DRUM
MAGNUS	4217		KS-7	1,1,1	1 DRUM
REEL CONTAINER	3681		JK 11	1,1,1	1 DRUM
MAGNUS	4332		L 12	1,1,1	
MAGNUS	4926		KL 12	1,1,1	1 DRUM
5 GAL W//FOOT OPER. LID			JK 20	1,1,1	1 DRUM
5 GAL BUCKET			BC 1	1,1,1	1 DRUM
5 GAL W//FOOT OPER. LID			E 29	1,1,1	5 GAL CAN
PIPEFITTERS			CD 34	KEROSENE	
ELECTRICIANS			CD 37	401 MOTOR CLEANER	
MACH. REPAIR			CD 39	KEROSENE	
MACH. REPAIR SAFETY-KLEEN			CD 39	1,1,1	

005 0950

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