



TO Department Superintendents & DATE October 11, 1979
Shift Supervisors
FROM Environmental Control Department SUBJECT Hazardous Spills
J. Anne Corbello

Effective September 28, 1979, EPA requires that all hazardous spills entering navigable waters in quantities equal to or greater than "reportable quantities" (RQ) be reported immediately to the appropriate agency of the United States Government.

A list of the hazardous substances from the August 29, 1979, Federal Register is attached. The substances listed have their RQ per 24-hour period. The substances that have the greatest potential for spillage in this plant have been underlined.

The steps to take in case of a hazardous spill reaching navigable waters are also attached. The notification of the Environmental Control Department and the U. S. Coast Guard will be handled similar to our Oil Spill Notification procedure. The Shift Superintendents should probably be responsible for coordinating the notifications of Environmental, Operations, and outside contractors (if needed) for spill clean-up operations.

These Federal regulations exclude any discharges which are in compliance with our NPDES permit.

/as
Attachments

cc: O. L. Cromeans
W. J. Peard/J. E. Wyche
~~_____~~

Department Superintendents:

E. Cook/H. Olliff
R. Kaspar
G. Jordan
W. Chapman
J. C. LaFleur
E. Tullier
D. Pair

Shift Supervisors

Power and Utilities
Plant A
Plant B-I
Plant B-II
Plant C
Maintenance (2)
Shipping
Shift Superintendents

NOTIFICATION PROCEDURE IN CASE OF HAZARDOUS SPILL

1. Notify the Shift Superintendent immediately.
2. The shift superintendent will notify the Environmental Control Department.

Home phones of Environmental personnel:

Arlen Greathouse 478-7447

Bill Peard 478-9163

Jim Wyche 477-5292

3. The Environmental Control Department will notify the Federal authorities:

Duty Office, National Response Center
U. S. Coast Guard
400 Seventh Street, SW
Washington, DC 20590

Toll free number: 800-424-8802

4. If Environmental Department personnel cannot be contacted, the Shift Superintendent will report the spill to the Federal authorities.

HAZARDOUS SPILL REPORT

TO: Spill Control Committee

DATE: _____

FROM: _____

SUBJECT: _____

Responsible Department Head: _____

Please complete the following questionnaire and forward to the Environmental Control Department within five (5) days.

1. Date of incident: _____

2. Time and duration: _____ to _____ (minutes, hours)

3. Weather conditions (circle one): Clear Partly Cloudy Cloudy Lt. Rain Heavy Rain

4. Hazardous material spilled: _____

5. Quantity spilled: _____

6. Source of spill: _____

7. Cause of spill: _____

8. Drainage system utilized: _____

9. Receiving water affected: _____

10. Countermeasures taken: _____

11. People/Agencies notified: _____

SL 047787

Environmental Department:

1. Environmental effects: _____

2. Action taken by government agency: _____

3. Corrective action recommended: _____

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HAZARDOUS (subject to notification of federal authorities and to internal reporting)

<u>Substance</u>	<u>EPA Reportable Quantity</u>	<u>Maximum Spill Amount</u>	<u>Location in Plant</u>
1. Ammonia	100 lbs.	15 gal.	Per-Tri, Liquefaction (storage tanks)
2. Carbon tetrachloride	1,000 lbs.	75 gal.	Plant B, Liquefaction (G tankage)
3. Chlorine	10 lbs.	10 lbs.	Plant B, Liquefaction
4. Chloroform	1,000 lbs.	80 gal.	Plant B, Liquefaction
5. Cyclohexane oxide	1,000 lbs.	153 gal.	Per-Tri (stabilizer) (drums)
6. Epichlorohydrin	1,000 lbs.	99 gal.	Per-Tri (stabilizer) (tankage)
7. Ethylene dichloride	1,000 lbs.	95 gal.	Plant B, Organic Dock Storage
8. Ferric chloride	1,000 lbs.	41 gal.	Plant B (catalyst) (drums)
9. Ferrous sulfate	1,000 lbs.	41 gal.	Storeroom (drums) used in Caustic A
10. Hydrochloric Acid	5,000 lbs.	501 gal.	Plants A, B, C, and Pigments
11. Lead sulfide	5,000 lbs.	79 gal.	Diaphragm Cell (Pb Treatment)
12. Polychlorinated biphenyls	10 lbs.	10 gal.	Diaphragm Cell, South of Hg Cell (trc)
13. Potassium hydroxide (Betz)	1,000 lbs.	58 gal.	Diaphragm Cell, Pigments, Hg (CT)
14. Sodium bichromate (Betz)	1,000 lbs.	44 gal.	Plant A Rectifiers
15. Sodium hydrosulfide	5,000 lbs.	50 gal.	Diaphragm Cell, Mercury Cell (tankage)
16. Sodium hydroxide	1,000 lbs.	56 gal.	Plants A, B, C, and Pigments
17. Sodium hypochlorite	100 lbs.	13 gal.	Plants A, B, and C (Neutralizer, Bleach)
18. Sulfuric acid	1,000 lbs.	65 gal.	Plants A, B, C and Pigments
19. Toluene	1,000 lbs.	137 gal.	Plant B (stabilizer) (tankage)
20. Trichloroethylene	1,000 lbs.	82 gal.	Plant B, Organic Dock Storage
21. Vinylidene chloride	100 lbs.	10 gal.	Plant B
22. Copper Chloride	10 lbs.	70 lbs. (cat)	Plant B (catalyst) (OHC I, II, P/T)
23. Hexachloroethane	1,000 lbs.	57 gal.	Plant B (bottoms)
24. Lead chloride	5,000 lbs.	102 gal.	Plant A (Diaphragm Cell) Pb Treatment
25. Perchloroethylene	1,000 lbs.	73 gal.	Plant B
26. Tetrachloroethane	100 lbs.	10 gal.	Plant B
27. 1,1,2 Trichloroethane	100 lbs.	10 gal.	Plant B

TOXIC (subject to internal reporting only)

<u>Substance</u>	<u>Internal Reportable Quantity</u>	<u>Maximum Allowable Spill</u>	<u>Location in Plant</u>
1. Dichloroethane (1,1 EDC)	5,000 lbs.	500 gal.	Plant B
2. Trichloroethane (1,1,2 TCE)	1,000 lbs.	1,000 gal.	Plant B
3. Sym-tetrachloroethane	100 lbs.	10 gal.	Plant B
4. Vinyl chloride (VC)	5,000 lbs.	600 gal.	Plant B, Org. Dock Stg.
5. 1,2 trans-dichloroethylene	5,000 lbs.	500 gal.	
6. 1,2 cis-dichloroethylene (cis)	5,000 lbs.	500 gal.	Plant B
7. Asbestos	100 lbs.	100 lbs.	Plants A, C
8. Mercury	5 lbs.	5 lbs.	Plant A
9. Trichloroethane (1,1,1)	1,000 lbs.	90 gal.	Plant B
10. Dichlorodifluoromethane (freon 12)	2,000 lbs.	2,000 lbs.	Plants A, B, C
11. 1,1 Dichloroethylene	5,000 lbs.	500 gal.	
12. Trichlorofluoromethane	2,000 lbs.	2,000 lbs.	Plants A, B, C