2383

HAZARDOUS WASTE PERMIT APPLICATION PART A

06/28/91

DOE-FO/OEPA
50
PERMIT

Please print or type with ELITE type (12 characters per inch) in the unshaded areas

[redacted]

For EPA Regional Use Only	EPA 2383	
	United States Environmental Protection Agency Washington, DC 20460	
Date Received Month Day Year	**Hazardous Waste Permit Application Part A** *(Read the Instructions before starting)*	

I. ID Number(s)

A. EPA ID Number	B. Secondary ID Number *(If applicable)*
OH6890008976	

II. Name of Facility

USDOE FEED MATERIALS PRODCTR

III. Facility Location *(Physical address not P.O. Box or Route Number)*

A. Street

7400 WILLEY ROAD

Street *(continued)*

City or Town	State	ZIP Code
FERNALD	OH	45030-

County Code *(If known)*	County Name
061	HAMILTON

B. Land Type *(enter code)*	C. Geographic Location		D. Facility Existence Date
	LATITUDE (degrees, minutes, & seconds)	*LONGITUDE (degrees, minutes, & seconds)*	Month Day Year
F	391800N	0844100W	11 19 1980

IV. Facility Mailing Address

Street or P.O. Box

PO BOX 398705

City or Town	State	ZIP Code
CINCINNATI	OH	45239-8705

V. Facility Contact *(Person to be contacted regarding waste activities at facility)*

Name *(last)*	*(first)*
RAST	DAVID

Job Title	Phone Number *(area code and number)*
ENV ENGINEER	513-738-6322

VI. Facility Contact Address *(See instructions)*

A. Contact Address Location	A. Contact Address Mailing	B. Street or P.O. Box
X		

City or Town	State	ZIP Code
		-

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only.

Approved. OMB No. 2050-0024; Expires 9-30-94

EPA I.D. Number (enter from page 1)	Secondary ID Number (enter from page 1)
OH6890008976	2383

VII. Operator Information (see instructions)

Name of Operator

U S DEPARTMENT OF ENERGY

Street or P.O. Box

PO Box 398705

City or Town	State	ZIP Code
Cincinnati	OH	45239-8705

Phone Number (area code and number)	B. Operator Type	C. Change of Operator Indicator		Date Changed Month	Day	Year
513-738-6200	F	Yes	No: X			

VIII. Facility Owner (see instructions)

A. Name of Facility's Legal Owner

U S DEPARTMENT OF ENERGY

Street or P.O. Box

PO Box 398705

City or Town	State	ZIP Code
Cincinnati	OH	45239-8705

Phone Number (area code and number)	B. Owner Type	C. Change of Owner Indicator		Date Changed Month	Day	Year
513-738-6200	F	Yes	No: X			

IX. SIC Codes (4-digit, in order of significance)

Primary	Secondary
2819 Prod of Uranium metal & compound	
Secondary	**Secondary**

X. Other Environmental Permits (see instructions)

A. Permit Type (enter code)	B. Permit Number	C. Description
NI	1I0000004*BD	
E	OTHER	see attached

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VII. Operator Information

Name of Co-operator

Westinghouse Materials Company of Ohio

Street or P. O. Box

P. O. Box 398704

City or Town	**State**	**Zip Code**
Cincinnati	Ohio	45239-8704

Phone Number

(513) 738 - 6200

ITEM X: OTHER ENVIRONMENTAL PERMITS

Pursuant to OAC 3745-50-41, the following is a list of all permits or construction approvals received or applied for under the specified programs:

1. Hazardous Waste Management Program under RCRA

Part A Permit Application History:

Original Submittal	7/6/84
Revision 1	5/15/85
Revision 2	3/19/86
Revision 3	4/28/86
Revision 4	3/27/87
Revision 5	11/2/87
Revision 6	2/4/88
Revision 7	7/28/88
Revision 8	3/22/89
Revision 9	9/22/89
Revision 10	9/25/90

Closure Plans (CP) previously submitted:

(HWMUs FMPC is not seeking to permit):
Waste Pit No. 4
Barium Chloride Salt Treatment Facility
Trane Thermal Liquid Incinerator
Tank for Bulk Storage of Solvents, T-5 & T-6
UST 5

(HWMUs FMPC is seeking to permit)
KC-2 Warehouse - Bay 5 (Building 63)
KC-2 Warehouse - Bay 6 (Building 63)
KC-2 Warehouse - Bay 7 (Building 63)
Pilot Plant Warehouse Storage Pad (Building 68)
Plant 6 Warehouse (Building 79)
Plant 8 Warehouse (Building 80)
Plant 9 Warehouse (Building 81)
Proposed Building 83X
Proposed RCRA Warehouse
Plant 1 Pad

(Closure Plans for HWMUs identified during HWMU review to be submitted in accordance with Proposed Amended Consent Decree schedules)

2. Underground Injection Control Program (UIC) under SWDA

None

3. National Pollutant Discharge Eliminating System (NPDES) program under CWA

1IO00004*BD (former NPDES permit no. OH0009580)

ITEM X: OTHER ENVIRONMENTAL PERMITS (Continued)

4. Prevention of Significant Deterioration (PSD) program under the Clean Air Act

None

5. Nonattainment Program under the Clean Air Act

None

6. National Emission Standards for Hazardous Pollutants (NESHAPS) preconstruction approval under the Clean Air Act

NESHAP approval of construction received from EPA for the following:

1. UF_6 to UF_4 Reduction Facility #2
2. Thorium Repackaging

NESHAP approval of modification received for the following:

1. Plasma Spray Crucible Coating Station
2. Crucible Grit Blaster
3. West Wagner Cold Saw
4. Flat Ingot Model 4 Milling Machine
5. Flat Ingot Model 4A Milling Machine
6. Flat Ingot Model 4B Milling Machine
7. Flat Ingot 425-20 Milling Machine
8. Flat Ingot No. 6 Milling Machine
9. Flat Ingot K&T A Milling Machine
10. Flat Ingot K&T B Milling Machine
11. Plant 6 Sump and Waste Treatment System
12. D&D Facility
13. Ingot Cooling Booth
14. Plant 8 Sump
15. Plant 8 Crusher
16. Plant 1 Material Handling

7. Ocean Dumping permits under the Marine Protection Research and Sanctuaries Act

None

8. Dredge or Fill permits under section 404 of the CWA

None

9. Other relevant environmental permits, including State Permits

State of Ohio Hazardous Waste Permit 05-31-0681

ITEM X: OTHER ENVIRONMENTAL PERMITS (continued)

10. Wastewater Treatment Facility, Ohio EPA Permits-To-Install (PTI)

	Project	PTI No.
1.	Stormwater/Spill Retention Facility - FMPC	05-1043
2.	Process Wastewater Biodenitrification	05-3672
3.	Biodenitrification Surge Lagoon Facility - FMPC	05-2872
4.	Plant 6 Sump Reconstruction	05-2405
5.	Tank Farm Padwater Collection & Neutralization Sump	05-2873
6.	General Sump/Lime Handling System	05-3368
7.	Modification Plant 8 Sump	05-3518
8.	Decontamination and Decommissioning (D&D) Facility	05-3390
9.	Biodenitrification Effluent Treatment System	05-3879
10.	Coal Pile Runoff Collection Facility	05-4172

11. Air Permit Status Source Report

See attached lists: FMPC Air Permit Report
FMPC Sources Submitted for Air Permits

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Feed Material Production Center
Environmental Compliance
Air Permit Report for Ohio EPA Premise No. 1431110128
Listed by Ohio EPA Permit Number

Permit Number	Equipment Description
B001	100 MMBTU/HR COAL-FIRED BOILER:MULTICLONE-ESP
B002	RILEY MODIFIED, GAS-FIRED BOILER
B003	100 MMBTU/HR COAL-FIRED BOILER:MULTICLONE-ESP
K001	DRUM COATING LINE
P006	AMMONIA STRIPPING FACILITY
P007	PICKLING TANK FOR CLEANING URANIUM INGOTS
P008	URANIUM INGOT COLD SAWS W/CARTRIDGE & HEPA FILTERS
P011	WEST CRUCIBLE BURNOUT STATION: FABRIC FILTER
P012	NORTH DUOMATIC LATHE W/FABRIC FILTER
P013	MACHINE LATHES W/ FABRIC FILTER
P020	SEP. BOOTH, 2 REMELT FURNACES, BURNOUT, MOLD CLEAN
P022	MISCELLANEOUS MACHINING OPERATIONS
P032	FINISH CORE MACHINING - PLANT 6 W/FABRIC FILTER
P033	EAST SIDE JOLTERS, 8-F, PLANT 5: FABRIC FILTER
P038	SLAG CRUSHING & PACKAGING STATION - PLANT 5
P039	SLAG CRUSHING & PACKAGING STATION - PLANT 5
P040	5-022 THRU 5-033: CASTING FURNACES NO. 1 - NO
P054	MOLD RECONDITIONING LINE AND SEPERATION BOOTH
P056	WEST SIDE JOLTERS, H-L, PLANT 5
P061	NO. 1 "F" MACHINE:DUST COLLECTOR G5-251
P062	NO. 3 "F" MACHINE & CAPPING STATION (EAST)
P065	CRUCIBLE BURNOUT & SEPARATION BOOTH: FABRIC FILTER
P067	CASTING FURNACES #15 THRU #28: FABRIC FILTER/HEPA
P081	FLUID BED REACTOR AND TALCUM REACTOR BANK 8
P082	FLUID BED REACTOR AND TALCUM REACTOR BANK 9
P083	FLUID BED REACTOR AND TALCUM REACTOR BANK 7
P087	PLANT 4-PACKAGING STATION: FABRIC FILTER
P088	PLANT 4-PACKAGING STATION #1: FABRIC FILTER
P089	PLANT 4-PACKAGING STATION #2: FABRIC FILTER
P090	PLANT 4-PACKAGING STATION #3: FABRIC FILTER
P091	OVERSIZE SLAG MILLING
P094	PLANT 5-EAST BREAKOUT STATION: FABRIC FILTER
P095	PLANT 5-WEST BREAKOUT STATION: FABRIC FILTER
P101	UNDERSIZED SLAG MILLING
P108	SLAG BIN NO.'S 250 and 251
P110	PLANT 4-DRUMING STATION: FABRIC FILTER
P111	PLANT 4-DRUM DUMPER: FABRIC FILTER
P112	PLANT 4-REJECT GREEN SALT:FABRIC FILTER
P113	PLANT 2/3-SLAG LEACH DIGESTION:NAR TOWER & VENTURI
P116	PLANT 2/3-SLAG LEACH DIGESTION TANK D1-4: NAR TOWER
P119	PLANT 2/3-STS PROCESSING TANK D1-7: NAR TOWER
P121	PLANT 2/3 NEUT. OF SOLVENT F1-502:TANK VENT ONLY
P122	SLAG LEACH DUMPING STATION W/FABRIC FILTER
P129	PLANT 2/3-EXTRACTION SETTLER (TANK Y-7)
P152	DENITRATION POTS W/VENTURI SCRUBBER & NAR TOWER
P160	PLANT 2/3 DECANTER F2E-103
P162	AUGER SAMPLER W/FABRIC FILTER

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Feed Material Production Center
Environmental Compliance
Air Permit Report for Ohio EPA Premise No. 1431110128
Listed by Ohio EPA Permit Number

Permit Number	Equipment Description
P163	PINCUTTER AND MILL W/HEPA FILTER
P165	SAFE GEOMETRY FEED DUMPING STATION 2/HEPA FILTER
P166	PLANT 1-SAFE GEOMETRY DIGESTOR D105
P167	TITAN MILL DUMPING STATION W/FABRIC FILTER
P168	TITAN MILL W/FABRIC FILTER
P169	PLANT 5-GRAPHITE MACHINING-O.D. TURNING
P170	PLANT 5-GRAPHITE MACHINING-O.D. TURNING
P171	GRAPHITE MACHINING-CUTTING
P172	GRAPHITE MACHINING-HORIZONTAL
P173	REMELT FURNACE-PILOT PLANT
P174	CRUCIBLE GRIT BLASTER-PILOT PLANT
P175	MOLD CURING OVEN-PLANT 5
P176	TITAN MILL PACKAGING STATION W/FABRIC FILTER
P177	TITAN MILL PACKAGING STATION W/FABRIC FILTER
P178	EAST PACKAGING STATION - PLANT
P179	SHOT BLASTER - PLANT 1
P180	ROTARY KILN - PLANT 8
P182	PRIMARY CALCINER- PLANT 8
P183	OXIDATION FURNACE #1 - PLANT 8
P184	OXIDATION FURNACE #2 - PLANT 8
P185	BOX FURNACE W/VENTURI SCRUBBER
P186	ROTEX SCREENING - PLANT 8
P189	A-3 COLUMN (D1-100) - PLANT 2/3
P190	A-4 COLUMN (D1-127) - PLANT 2/3
P194	C-2 COLUMN (D1-112) - PLANT 2/3
P197	NORTH OLIVER FILTER W/CAUSTIC SCRUBBER F1-323
P198	SOUTH OLIVER FILTER W/CAUSTIC SCRUBBER F1-322
P199	NEUTRALIZATION OF FILTER CAKE F1-313
P200	NEUTRALIZATION OF FILTER CAKE F1-318
P201	THICKENER TANK (PROCESS) F2E-402
P202	NORTH PACKAGING STATION:PLANT 2/3
P203	SOUTH PACKAGING STATION:PLANT 2/3
P204	DRUM WASHER - PLANT 8
P205	WATER MIX TANK (F1-504)
P206	MgO SLURRY TK (F1-611)
P207	RAFF MIXER TK (D1-110)
P209	RAFF MIXER TK (D1-125)
P210	SLUG PICKLING
P211	TBP & KEROSENE MIXING
P212	CHIP PICKLING
P214	CHARCOAL SOLV TR (F2E-1)
P215	W. METAL DISS (F2E-11)
P217	SCRAP PICKLING
P218	LEHMANN OD TURNING, BLOCK GR
P229	GRAPHITE BAND SAW & TOOL GRINDING W/FABRIC FILTER
P231	DRUM RECONDITIONING LINE W/HEPA FILTER
P233	PILOT PLANT PLASMA SPRAY PROCESS: FABRIC FILTER

Feed Material Production Center
Environmental Compliance
Air Permit Report for Ohio EPA Premise No. 1431110128
Listed by Ohio EPA Permit Number

Permit Number	Equipment Description
P236	SLAG MILLING PROCESS W/CARTRIDGE AND HEPA FILTERS
P237	GENERAL SUMP - LIME HANDLING
P238	CENTERLESS GRINDING
P239	EAST OLIVER FILTER
P240	WEST EIMCO FILTER
P241	OIL TREATMENT TANK SYSTEM I
P242	OIL TREATMENT TANK SYSTEM II
P243	PRECIPITATION TANK SYSTEM I
P244	PRECIPITATION TANK SYSTEM II
P247	ROTARY KILN
P248	EAST EIMCO FILTER
P266	ZIRNLO PROCESS HNO3 DECLAD TANK
P267	CALCIUM REMOVAL SYSTEM/SODIUM CARBONATE MIXING (46-005)
P268	DECON HCL BATH
P269	DECON HNO3 BATH
P270	DECON NAOH BATH - SMALL
P272	LIME/ALUM DUMP STATIONS - WTP
T001	500 GALLON NITRIC ACID STORAGE TANK
T002	PLANT 8 - CAUSTIC STORAGE TANK A
T003	PLANT 8 - CAUSTIC STORAGE TANK B
T004	CAUSTIC STORAGE TANK (F43-108)
T005	PLANT 2/3 - Nitric acid st (F1-18)
T006	PLANT 2/3 - Nitric acid st (F1-17)
T007	PLANT 2/3 - Nitric acid st tk (F1-23)
T008	PLANT 2/3 - Dil nitric st tk (F1-24)
T009	PLANT 2/3 - Nitric acid st tk (F1-8)
T010	PLANT 2/3 - Nitric acid stor (F2E-501)
T011	PLANT 2/3 - Nitric acid stor (F2E-502)
T012	PLANT 2/3 - Nitric acid stor (D3-2)
T013	PLANT 2/3 - Nitric acid stor (F3-27)
T014	PLANT 2/3 - Nitric acid stor (F3-12)
T015	PLANT 2/3 - Nitric acid stor (F3-19)
T016	PLANT 2/3 - Dil nitric stor (F3-22)
T017	PLANT 2/3 - Dil nitric stor (F3-23)
T018	PLANT 2/3 - Dil nitric stor (F3-24)
T019	PLANT 2/3 - Dil nitric stor (F3-25)
T020	PLANT 2/3 - Cond hold tk (F3E-7)
T021	3300 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T022	3300 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T023	3300 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T024	3300 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T025	23,500 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T026	23,500 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T027	2500 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T028	2500 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T029	25,265 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T030	25,265 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK

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Feed Material Production Center
Environmental Compliance
Air Permit Report for Ohio EPA Premise No. 1431110128
Listed by Ohio EPA Permit Number

Permit Number	Equipment Description
T031	25,265 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T032	25,265 GAL. FIXED ROOF URANYL NITRATE STORAGE TANK
T033	14,500 GAL FIXED ROOF SLOPWATER STORAGE TANK
T034	14,500 GAL. FIXED ROOF SLOPWATER STORAGE TANK
T035	PLANT 2/3 - Slopwater st tk (D1-130)
T036	PLANT 2/3 - Slopwater st tk (D1-129)
T039	PLANT 2/3 - Uranyl nitr stor tk(F2-608)
T040	PLANT 2/3 - Uranyl nitr stor tk(F2-607)
T041	PLANT 2/3 - Uranyl nitr stor tk(F2-606)
T042	PLANT 2/3 - Uranyl nitr stor tk(F2-605)
T044	PLANT 2/3 - Slopwater st tk (D1-131)
T045	PLANT 2/3 - Slopwater stor tk (F1-608)
T046	PLANT 2/3 - Slopwater stor tk (F2E-601)
T047	PLANT 2/3 - S.L. stor tk (F1-301)
T048	PLANT 2/3 - S.L. stor tk (F1-302)
T049	PLANT 2/3 - S.L. stor tk (F1-303)
T050	PLANT 2/3 - Caustic storage (D1-174)
T051	PLANT 2/3 - Solvent st tk (F1-506)
T052	PLANT 2/3 - Carbonate st tk (F1-500)
T053	PLANT 2/3 - Carbonate st tk (F1-501)
T056	PLANT 2/3 - Raff stor tk (F1-403)
T057	PLANT 2/3 - Raff stor tk (F1-401)
T058	PLANT 2/3 - Raff stor tk (F1-402)
T059	PLANT 2/3 - Raff stor tk (F1-400)
T061	PLANT 2/3 - Raff thickner slur (F1-612)
T062	2,250 GAL. FIXED ROOF DIRTY SOLVENT STORAGE TANK
T063	2,250 GAL FIXED ROOF DIRTY SOLVENT STORAGE TANK
T064	2,250 GAL. FIXED ROOF DIRTY SOLVENT STORAGE TANK
T065	2,600 GAL. FIXED ROOF DIRTY SOLVENT STORAGE TANK
T066	6,600 GAL. FIXED ROOF DIRTY SOLVENT STORAGE TANK
T067	PLANT 2/3 - Sulfuric acid storage
T068	25,600 GAL. FIXED ROOF DIRTY SOLVENT STORAGE TANK
T069	30,000 GAL. FIXED ROOF OK LIQUOR STORAGE TANK
T070	30,000 GAL. FIXED ROOF OK LIQUOR STORAGE TANK
T071	30,000 GAL. FIXED ROOF OK LIQUOR STORAGE TANK
T072	PLANT 2/3 - OK liq stor tk (F3E-225)
T073	PLANT 2/3 - Filtrate stor tk (F1-308)
T074	PLANT 2/3 - Filtrate stor tk (F1-309)
T075	PLANT 2/3 - LIME STORAGE TANK F1-314
T077	PLANT 2/3 - Filtrate stor (SL) (F1-310)
T078	PLANT 2/3 - Condensate stor tk (F1-208)
T079	PLANT 2/3 - Filtrate stor (SL) (F1-311)
T080	PLANT 2/3 - Filtrate stor (SL) (F1-312)
T081	PLANT 2/3 - Filtrate stor (SL) (F1-317)
T082	PLANT 2/3 - Acid cond stor (F1-407)
T083	PLANT 2/3 - Nitricacid washstor(F1-613)
T085	PLANT 2/3 - Filtrate stor (SL)(F3E-408)

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Feed Material Production Center
Environmental Compliance
Air Permit Report for Ohio EPA Premise No. 1431110128
Listed by Ohio EPA Permit Number

Permit Number	Equipment Description
T087	PLANT 2/3 - Nitr acid stor tk (F1-201)
T088	PLANT 2/3 - Nitric acid stor tk
T092	Fresh acid receiving tank
T093	Spent acid tank
T094	Spent acid tank (6000 gal)
T095	Decantation tank
T096	6,192 GAL. FIXED ROOF FILTRATE STORAGE TANK
T097	6,192 GAL. FIXED ROOF FILTRATE STORAGE TANK
T098	22,100 GAL. FIXED ROOF FILTRATE STORAGE TANK
T099	6,192 GAL. FIXED ROOF FILTRATE STORAGE TANK
T100	3,700 GAL. FIXED ROOF ACCOUNTABILITY TANK
T101	Filtrate stor (SL)(F3E-409)
T102	5800 GAL FIXED ROOF URANYL NITRATE STORAGE TANK EP
T103	5800 GAL FIXED ROOF URANYL NITRATE STORAGE TANK EP
T104	5800 GAL FIXED ROOF URANYL NITRATE STORAGE TANK EP
T106	7,833 GAL FIXED ROOF SUMP ACCUMULATOR STORAGE TANK
T107	7,833 GAL FIXED ROOF SUMP ACCUMULATOR STORAGE TANK
T109	Solvent storage tk (G2-4)
T111	K-65 SILO #1 STORAGE TANK-RADIUM CAKE
T112	K-65 SILO #2 STORAGE TANK-RADIUM CAKE
T113	RAILROAD ENGINE HOUSE DIESEL FUEL STORAGE TANK
T116	No.3 well Pumphouse strge tk
T117	MAINTANCE SHOP DIESEL FUEL STORAGE TANK
T118	WASTE PIT AREA DIESEL FUEL STORAGE TANK
T120	S. SPENT SOLVENT STORAGE TANK (CB), PILOT PLANT
T121	N. SPENT SOLVENT STORAGE TANK (AX), PILOT PLANT
T124	30,500 GAL. DILUTE HYDROFLORIC ACID STORAGE TANK
T125	30,500 GAL. DILUTE HYDROFLORIC ACID STORAGE TANK
T126	4,200 Sulfuric acid-93% STORAGE tank
T127	50,000 GAL. METHANOL STORAGE TANK W/I.F.R.
T128	36,000 GAL. CAP. AHF STORAGE TANK: HF SCRUBBER
T129	36,000 GAL. CAP. AHF STORAGE TANK: HF SCRUBBER
T130	36,000 GAL. CAP. AHF STORAGE TANK: HF SCRUBBER
T131	36,000 GAL. CAP. AHF STORAGE TANK: HF SCRUBBER
T141	INGOT PICKLING
T142	ACID WATER TANK
T143	1000 GALLON NITRIC ACID STORAGE TANK
T144	PHOSPHORIC ACID TANK (F2)
T151	Neut tank (D-101)
T152	Neut tank (D-102)
T153	Neut tank (D-103)
T154	Neut tank (D-104)
T155	Neut tank (D-105)
T156	Neut tank (F-203)
T157	Neut tank (F-203A)
T158	Concentrated H2SO4 st tk-WTP

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Feed Material Production Center
Environmental Compliance
Sources Submitted for Air Permits, No Source Number Assigned

FMPC Source Number	Equipment Description
5-059	GR PLUG MACHINING W&S LATHE
5-060	HORIZONTAL BORING MILL
5-080	WEST MOLD RECOND. BOOTH
5-081	INGOT SEPARATION BOOTH
6-017	EXTR CORE BLANKING NO. 36
13-020	UF6-UF4 #1

EPA I.D. Number (enter from page 1)

0	H	6	8	9	0	0	0	8	9	7	6

XI. Nature of Business (provide a brief description)

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The Feed Materials Production Center (FMPC) is a large scale integrated production facility which formerly produced uranium metal used in the fabrication of fuel cores for nuclear reactors operated by the United States Department of Energy. Current activities include waste management operations, remedial investigation, environmental response actions, nuclear materials disposition, new construction, and miscellaneous operations (e.g., wastewater treatment).

XII. Process - Codes and Design Capacities

A. **PROCESS CODE** - *Enter the code from the list of process codes below that best describes each process to be used at the facility. Twelve lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided in Item XIII.*

B. **PROCESS DESIGN CAPACITY** - *For each code entered in column A, enter the capacity of the process.*

1. **AMOUNT** - *Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process unit.*
2. **UNIT OF MEASURE** - *For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.*

C. **PROCESS TOTAL NUMBER OF UNITS** - *Enter the total number of units used with the corresponding process code.*

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	DISPOSAL:	
D79	INJECTION WELL	GALLONS; LITERS; GALLONS PER DAY; OR LITERS PER DAY
D80	LANDFILL	ACRE-FEET OR HECTARE-METER
D81	LAND APPLICATION	ACRES OR HECTARES
D82	OCEAN DISPOSAL	GALLONS PER DAY OR LITERS PER DAY
D83	SURFACE IMPOUNDMENT	GALLONS OR LITERS
	STORAGE:	
S01	CONTAINER (barrel, drum, etc.)	GALLONS OR LITERS
S02	TANK	GALLONS OR LITERS
S03	WASTE PILE	CUBIC YARDS OR CUBIC METERS
S04	SURFACE IMPOUNDMENT	GALLONS OR LITERS
	TREATMENT:	
T01	TANK	GALLONS PER DAY OR LITERS PER DAY
T02	SURFACE IMPOUNDMENT	GALLONS PER DAY OR LITERS PER DAY
T03	INCINERATOR	SHORT TONS PER HOUR; METRIC TONS PER HOUR; GALLONS PER HOUR; LITERS PER HOUR; OR BTU'S PER HOUR
T04	OTHER TREATMENT (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundment or incinerators. Describe the processes in the space provided in Item XIII.)	GALLONS PER DAY; LITERS PER DAY; POUNDS PER HOUR; SHORT TONS PER HOUR; KILOGRAMS PER HOUR; METRIC TONS PER DAY; METRIC TONS PER HOUR; OR SHORT TONS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
GALLONS PER HOUR	E
GALLONS PER DAY	U
LITERS	L
LITERS PER HOUR	H
LITERS PER DAY	V
SHORT TONS PER HOUR	D
METRIC TONS PER HOUR	W
SHORT TONS PER DAY	N
METRIC TONS PER DAY	S
POUNDS PER HOUR	J
KILOGRAMS PER HOUR	R
CUBIC YARDS	Y
CUBIC METERS	C
ACRES	B
ACRE-FEET	A
HECTARES	Q
HECTARE-METER	F
BTU's PER HOUR	K

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EPA I.D. Number (enter from page 1)												Secondary ID Number (enter from page 1)											
O	H	6	8	9	0	0	0	8	9	7	6												

XII. Process - Codes and Design Capacities (continued)

EXAMPLE FOR COMPLETING ITEM XII (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line Number		A. PROCESS CODE (from list above)			B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	C. PROCESS TOTAL NUMBER OF UNITS			FOR OFFICIAL USE ONLY				
X	1	S	0	2	600	G	0	0	2					
X	2	T	0	3	20	E	0	0	1					
	1	S	0	1	5,100,000	G	0	0	9					
	2													
	3													
	4													
	5													
	6													
	7													
	8													
	9													
1	0													
1	1													
1	2													

2383

NOTE: If you need to list more than 12 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for additional treatment processes in item XIII.

XIII. Additional Treatment Processes (follow instructions from item XII)

Line Number (enter numbers in sequence with item XII)	A. PROCESS CODE	B. TREATMENT PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. TREATMENT PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	C. PROCESS TOTAL NUMBER OF UNITS	D. DESCRIPTION OF PROCESS
	T 0 4				
	T 0 4				
	T 0 4				
	T 0 4				

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EPA I.D. Number (enter from page 1)												Secondary ID Number (enter from page 1)												
0	H	6	8	9	0	0	0	8	9	7	6													

XIV. Description of Hazardous Wastes

2303

A. **EPA HAZARDOUS WASTE NUMBER** - *Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.*

B. **ESTIMATED ANNUAL QUANTITY** - *For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.*

C. **UNIT OF MEASURE** - *For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:*

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. **PROCESSES**

1. **PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item XII A. on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item XII A. on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that processes that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. *Enter the first two as described above.*
2. *Enter "000" in the extreme right box of Item XIV-D(1).*
3. *Enter in the space provided on page 7, Item XIV-E, the line number and the additional code(s).*

2. PROCESS DESCRIPTION: *If a code is not listed for a process that will be used, describe the process in the space provided on the form (D.(2)).*

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. *Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.*
2. *In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.*
3. *Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.*

EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number		A. EPA HAZARD WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)										D. PROCESS (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
X	1	K	0	5	4	900	P	T	0	3	D	8	0					
X	2	D	0	0	2	400	P	T	0	3	D	8	0					15
X	3	D	0	0	1	100	P	T	0	3	D	8	0					
X	4	D	0	0	2													Included With Above

EPA I.D. Number (enter from page 1): O H 6 8 9 0 0 0 8 9 7 6

Secondary ID Number (enter from page 1): 2383

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1	D001	11,900	P	S01	
2	D002	954,600	P	S01	
3	D005	228,000	P	S01	
4	D006	10,000	P	S01	
5	D007	49,000	P	S01	
6	D008	509,000	P	S01	
7	D009	4,500	P	S01	
8	D003	10,000	P	S01	
9	D004	5,000	P	S01	
10	D010	5,000	P	S01	
11	D011	5,000	P	S01	
12	D018	5,000	P	S01	
13	D019	12,500	P	S01	
14	D020	1,500	P	S01	
15	D021	5,000	P	S01	
16	D022	1,500	P	S01	
17	D027	3,500	P	S01	
18	D028	15,000	P	S01	
19	D029	1,000	P	S01	
20	D030	1,000	P	S01	
21	D031	1,000	P	S01	
22	D032	1,000	P	S01	
23	D033	1,000	P	S01	
24	D034	1,000	P	S01	
25	D035	7,500	P	S01	
26	D036	1,000	P	S01	
27	D037	1,000	P	S01	
28	D038	200	P	S01	
29	D039	10,000	P	S01	
30	D040	1,000	P	S01	
31	D041	1,500	P	S01	16
32	D042	1,000	P	S01	
33	D043	2,500	P	S01	

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O H 6 8 9 0 0 0 8 9 7 6

Secondary ID Number (enter from page 1)

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XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	F001	183,500	P	S01	
2	F002	1,748,700	P	S01	
3	P015	10	P	S01	
4	P119	10	P	S01	
5	P120	10	P	S01	
6	P028	5,000	P	S01	
7	P051	500	P	S01	
8	P059	500	P	S01	
9	P123	500	P	S01	
10	P075	200	P	S01	
11	U188	10	P	S01	
12	U227	10	P	S01	
13	U228	1,000	P	S01	
14	U019	5,000	P	S01	
15	U036	2,000	P	S01	
16	U037	750	P	S01	
17	U043	250	P	S01	
18	U044	1,000	P	S01	
19	U052	5,000	P	S01	
20	U078	5,000	P	S01	
21	U079	10,000	P	S01	
22	U105	1,000	P	S01	
23	U127	500	P	S01	
24	U128	250	P	S01	
25	U129	5,000	P	S01	
26	U131	250	P	S01	
27	U159	1,500	P	S01	
28	U169	250	P	S01	
29	U196	250	P	S01	
30	U210	2,500	P	S01	
31	U211	15,000	P	S01	
32	U240	500	P	S01	
33	U247	500	P	S01	

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EPA I.D. Number (enter from page 1): 0 H 6 8 9 0 0 0 8 9 7 6

Secondary ID Number (enter from page 1): 2383

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1	F 0 3 2	1,000	P	S 0 1	
2	F 0 3 9	2,000	P	S 0 1	
3	D 0 1 0 8	68,000	P	S 0 1	
4	F 0 0 2				INCLUDED WITH ABOVE
5	D 0 0 1	185,100	P	S 0 1	
6	F 0 0 1				INCLUDED WITH ABOVE
7	D 0 0 1	17,000	P	S 0 1	
8	F 0 0 2				INCLUDED WITH ABOVE
9	D 0 0 1	4,000	P	S 0 1	
10	F 0 0 3				INCLUDED WITH ABOVE
11	D 0 1 8	5,000	P	S 0 1	
12	F 0 0 5				INCLUDED WITH ABOVE
13	F 0 1 9	50,000	P	S 0 1	
14	F 0 0 1				INCLUDED WITH ABOVE
15	D 0 2 1	700,000	P	S 0 1	
16	F 0 0 2				INCLUDED WITH ABOVE
17	D 0 2 6	5,000	P	S 0 1	
18	F 0 0 4				INCLUDED WITH ABOVE
19	D 0 3 5	5,000	P	S 0 1	
20	F 0 0 5				INCLUDED WITH ABOVE
21	D 0 3 9	700,000	P	S 0 1	
22	F 0 0 2				INCLUDED WITH ABOVE
23	D 0 4 0	25,000	P	S 0 1	
24	F 0 0 1				INCLUDED WITH ABOVE
25	D 0 0 5	9,000	P	S 0 1	
26	D 0 0 8				INCLUDED WITH ABOVE
27	D 0 0 6	5,200	P	S 0 1	
28	D 0 0 8				INCLUDED WITH ABOVE
29	D 0 0 6	1,000	P	S 0 1	
30	D 0 0 9				INCLUDED WITH ABOVE
31	D 0 0 1	5,100	P	S 0 1	18
32	D 0 0 2				INCLUDED WITH ABOVE
33	D 0 0 7				INCLUDED WITH ABOVE

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O H 6 8 9 0 0 0 8 9 7 6

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XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA Hazardous Waste No. (enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (enter code)	D. Processes (1) Process Codes (enter)	D. Processes (2) Process Description (If a code is not entered in D(1))
1	D001	19,000	P	S01	
2	D005				INCLUDED WITH ABOVE
3	D007				INCLUDED WITH ABOVE
4	D004	81,000	P	S01	
5	D006				INCLUDED WITH ABOVE
6	D008				INCLUDED WITH ABOVE
7	D006	1,400	P	S01	
8	D007				INCLUDED WITH ABOVE
9	D008				INCLUDED WITH ABOVE
10	D010	37,000	P	S01	
11	F002				INCLUDED WITH ABOVE
12	F005				INCLUDED WITH ABOVE
13	D004	637,000	P	S01	
14	D006				INCLUDED WITH ABOVE
15	D008				INCLUDED WITH ABOVE
16	D010				INCLUDED WITH ABOVE
17	D023	5,000	P	S01	
18	D024				INCLUDED WITH ABOVE
19	D025				INCLUDED WITH ABOVE
20	D026				INCLUDED WITH ABOVE
21	D012	25,000	P	S01	
22	D013				INCLUDED WITH ABOVE
23	D014				INCLUDED WITH ABOVE
24	D015				INCLUDED WITH ABOVE
25	D016				INCLUDED WITH ABOVE
26	D017				INCLUDED WITH ABOVE
27	D001	5,000	P	S01	
28	D002				INCLUDED WITH ABOVE
29	D001	5,000	P	S01	
30	D003				INCLUDED WITH ABOVE
31	D001	1,500	P	S01	
32	D003				INCLUDED WITH ABOVE
33	D035				INCLUDED WITH ABOVE

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EPA I.D. Number (enter from page 1)	Secondary ID Number (enter from page 1)
OH6890008976	2383

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D001	15,000	P	S01	
2	D008				INCLUDED WITH ABOVE
3	D018				INCLUDED WITH ABOVE
4	D001	3,500	P	S01	
5	D008				INCLUDED WITH ABOVE
6	D018				INCLUDED WITH ABOVE
7	D035				INCLUDED WITH ABOVE
8	D001	10,000	P	S01	
9	D018				INCLUDED WITH ABOVE
10	D002	3,000	P	S01	
11	D006				INCLUDED WITH ABOVE
12	D002	1,000	P	S01	
13	D006				INCLUDED WITH ABOVE
14	D009				INCLUDED WITH ABOVE
15	D002	1,500	P	S01	
16	D007				INCLUDED WITH ABOVE
17	D010				INCLUDED WITH ABOVE
18	D002	1,000	P	S01	
19	D009				INCLUDED WITH ABOVE
20	D003	5,000	P	S01	
21	D018				INCLUDED WITH ABOVE
22	D004	5,000	P	S01	
23	D005				INCLUDED WITH ABOVE
24	D006				INCLUDED WITH ABOVE
25	D007				INCLUDED WITH ABOVE
26	D004	7,500	P	S01	
27	D005				INCLUDED WITH ABOVE
28	D006				INCLUDED WITH ABOVE
29	D007				INCLUDED WITH ABOVE
30	D008				INCLUDED WITH ABOVE
31	D004	6,500	P	S01	20
32	D006				INCLUDED WITH ABOVE
33	D007				INCLUDED WITH ABOVE

EPA I.D. Number (enter from page 1): CAH689008976

Secondary ID Number (enter from page 1): 2383

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1	D008				INCLUDED WITH ABOVE
2	D004	1,500	P	S01	
3	D006				INCLUDED WITH ABOVE
4	D008				INCLUDED WITH ABOVE
5	D004	1,500	P	S01	
6	D005				INCLUDED WITH ABOVE
7	D006				INCLUDED WITH ABOVE
8	D007				INCLUDED WITH ABOVE
9	D008				INCLUDED WITH ABOVE
10	D011				INCLUDED WITH ABOVE
11	D005	7,500	P	S01	
12	D006				INCLUDED WITH ABOVE
13	D007				INCLUDED WITH ABOVE
14	D008				INCLUDED WITH ABOVE
15	D005	7,500	P	S01	
16	D006				INCLUDED WITH ABOVE
17	D007				INCLUDED WITH ABOVE
18	D008				INCLUDED WITH ABOVE
19	D009				INCLUDED WITH ABOVE
20	D005	5,000	P	S01	
21	D007				INCLUDED WITH ABOVE
22	D005	1,000	P	S01	
23	D010				INCLUDED WITH ABOVE
24	D005	1,000	P	S01	
25	D018				INCLUDED WITH ABOVE
26	D007	1,000	P	S01	
27	D010				INCLUDED WITH ABOVE
28	D008	20,000	P	S01	
29	D018				INCLUDED WITH ABOVE
30	F001	15,000	P	S01	21
31	D001				INCLUDED WITH ABOVE
32	D013				INCLUDED WITH ABOVE
33	F001	3,000	P	S01	

EPA I.D. Number (enter from page 1): 0 H 6 8 9 0 0 0 8 9 7 6

Secondary ID Number (enter from page 1): 2202

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (if a code is not entered in D(1))
1	D 0 0 6				INCLUDED WITH ABOVE
2	D 0 0 7				INCLUDED WITH ABOVE
3	D 0 0 8				INCLUDED WITH ABOVE
4	D 0 1 9				INCLUDED WITH ABOVE
5	D 0 2 9				INCLUDED WITH ABOVE
6	D 0 4 0				INCLUDED WITH ABOVE
7	F 0 0 1	5,000	P	S 0 1	
8	D 0 0 7				INCLUDED WITH ABOVE
9	F 0 0 1	1,000	P	S 0 1	
10	D 0 0 7				INCLUDED WITH ABOVE
11	D 0 1 8				INCLUDED WITH ABOVE
12	D 0 1 9				INCLUDED WITH ABOVE
13	D 0 2 1				INCLUDED WITH ABOVE
14	D 0 2 9				INCLUDED WITH ABOVE
15	D 0 3 9				INCLUDED WITH ABOVE
16	D 0 4 0				INCLUDED WITH ABOVE
17	F 0 0 1	15,000	P	S 0 1	
18	D 0 0 8				INCLUDED WITH ABOVE
19	F 0 0 1	1,500	P	S 0 1	
20	D 0 0 8				INCLUDED WITH ABOVE
21	D 0 0 9				INCLUDED WITH ABOVE
22	D 0 3 9				INCLUDED WITH ABOVE
23	F 0 0 1	1,500	P	S 0 1	
24	D 0 0 8				INCLUDED WITH ABOVE
25	D 0 3 9				INCLUDED WITH ABOVE
26	D 0 4 0				INCLUDED WITH ABOVE
27	F 0 0 1	1,000	P	S 0 1	
28	D 0 1 0				INCLUDED WITH ABOVE
29	D 0 3 5				INCLUDED WITH ABOVE
30	F 0 0 1	15,000	P	S 0 1	22
31	D 0 1 8				INCLUDED WITH ABOVE
32	F 0 0 1	1,000	P	S 0 1	
33	D 0 2 9				INCLUDED WITH ABOVE

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O H 6 8 9 0 0 0 8 9 7 6 — 2383

[illegible]	D 0 3 9				INCLUDED WITH ABOVE
[illegible]	F 0 0 1	1,000	P	S 0 1	
[illegible]	D 0 2 9				INCLUDED WITH ABOVE
[illegible]	D 0 3 9				INCLUDED WITH ABOVE
[illegible]	D 0 4 0				INCLUDED WITH ABOVE
[illegible]	F 0 0 1	2,500	P	S 0 1	
[illegible]	D 0 3 9				INCLUDED WITH ABOVE
[illegible]	D 0 4 0				INCLUDED WITH ABOVE
[illegible]	F 0 0 1	1,500	P	S 0 1	
[illegible]	F 0 0 2				INCLUDED WITH ABOVE
[illegible]	D 0 0 8				INCLUDED WITH ABOVE
[illegible]	D 0 1 8				INCLUDED WITH ABOVE
[illegible]	F 0 0 1	10,000	P	S 0 1	
[illegible]	F 0 0 5				INCLUDED WITH ABOVE
[illegible]	F 0 0 2	2,500	P	S 0 1	
[illegible]	D 0 0 1				INCLUDED WITH ABOVE
[illegible]	D 0 0 7				INCLUDED WITH ABOVE
[illegible]	D 0 0 8				INCLUDED WITH ABOVE
[illegible]	D 0 1 0				INCLUDED WITH ABOVE
[illegible]	D 0 1 8				INCLUDED WITH ABOVE
[illegible]	F 0 0 2	5,000	P	S 0 1	
[illegible]	D 0 0 1				INCLUDED WITH ABOVE
[illegible]	D 0 0 8				INCLUDED WITH ABOVE
[illegible]	F 0 0 2	1,500	P	S 0 1	
[illegible]	D 0 0 4				INCLUDED WITH ABOVE
[illegible]	D 0 0 5				INCLUDED WITH ABOVE
[illegible]	D 0 0 6				INCLUDED WITH ABOVE
[illegible]	D 0 0 7				INCLUDED WITH ABOVE
[illegible]	D 0 0 8				INCUDED WITH ABOVE
[illegible]	D 0 1 0				INCLUDED WITH ABOVE
[illegible]	D 0 1 8				INCLUDED WITH ABOVE
[illegible]	F 0 0 2	1,500	P	S 0 1	23
[illegible]	D 0 0 4				INCLUDED WITH ABOVE

EPA I.D. Number (enter from page 1): OHI689000897 6

Secondary ID Number (enter from page 1): 2383

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D001				INCLUDED WITH ABOVE
2	D008				
3	F002	1,000	P	S01	
4	D005				INCLUDED WITH ABOVE
5	F002	7,500	P	S01	
6	D005				INCLUDED WITH ABOVE
7	D008				INCLUDED WITH ABOVE
8	D018				INCLUDED WITH ABOVE
9	F002	7,500	P	S01	
10	D008				INCLUDED WITH ABOVE
11	D018				INCLUDED WITH ABOVE
12	F002	1,000	P	S01	
13	D010				INCLUDED WITH ABOVE
14	D018				INCLUDED WITH ABOVE
15	F002	15,000	P	S01	
16	D018				INCLUDED WITH ABOVE
17	F002	1,000	P	S01	
18	D039				INCLUDED WITH ABOVE
19	D040				INCLUDED WITH ABOVE
20	F002	7,000	P	S01	
21	F003				INCLUDED WITH ABOVE
22	F002	500	P	S01	
23	F003				INCLUDED WITH ABOVE
24	D010				INCLUDED WITH ABOVE
25	D005				INCLUDED WITH ABOVE
26	D008				INCLUDED WITH ABOVE
27	D022				INCLUDED WITH ABOVE
28	F002	1,000	P	S01	
29	F003				INCLUDED WITH ABOVE
30	D004				INCLUDED WITH ABOVE
31	D010				INCLUDED WITH ABOVE
32	D006				INCLUDED WITH ABOVE
33	D007				INCLUDED WITH ABOVE

0	H	6	8	9	0	0	0	8	9	7	6								2383		

	D	0	0	8															INCLUDED WITH ABOVE
	D	0	2	2															INCLUDED WITH ABOVE
	F	0	0	2	1,000	P	S	0	1										
	F	0	0	3															INCLUDED WITH ABOVE
	F	0	0	5															INCLUDED WITH ABOVE
	F	0	0	2	1,500	P	S	0	1										
	F	0	0	3															INCLUDED WITH ABOVE
	F	0	0	5															INCLUDED WITH ABOVE
	D	0	0	1															INCLUDED WITH ABOVE
	F	0	0	3	1,000	P	S	0	1										
	D	0	0	3															INCLUDED WITH ABOVE
	F	0	0	3	1,000	P	S	0	1										
	D	0	0	5															INCLUDED WITH ABOVE
	D	0	0	6															INCLUDED WITH ABOVE
	D	0	0	7															INCLUDED WITH ABOVE
	D	0	0	8															INCLUDED WITH ABOVE
	F	0	0	5	1,000	P	S	0	1										
	D	0	0	1															INCLUDED WITH ABOVE
	D	0	0	8															INCLUDED WITH ABOVE
	D	0	3	5															INCLUDED WITH ABOVE
	F	0	0	2	15,000	P	S	0	1										
	D	0	1	8															INCLUDED WITH ABOVE
	P	0	9	8	500	P	S	0	1										
	U	1	0	7	1,000	P	S	0	1										
	U	1	0	1	500	P	S	0	1										
	U	1	5	1	1,500	P	S	0	1										
	D	0	0	4	1,500	P	S	0	1										
	D	0	0	8															INCLUDED WITH ABOVE
	D	0	0	1	10,000	P	S	0	1										
	D	0	0	5															INCLUDED WITH ABOVE
	D	0	0	8															INCLUDED WITH ABOVE
	U	1	6	1	500	P	S	0	1										
	D	0	0	1															INCLUDED WITH ABOVE

25

EPA I.D. Number (enter from page 1): H 6 8 9 0 0 0 8 9 7 6

Secondary ID Number (enter from page 1): 2383

. Description of Hazardous Wastes (continued)

	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	U 1 0 8	500	P	S 0 1	
2	D 0 0 1				INCLUDED WITH ABOVE
3	F 0 0 5	2,500	P	S 0 1	
4	U 1 1 7	500	P	S 0 1	
5	U 2 1 3				INCLUDED WITH ABOVE
6	U 1 0 8				INCLUDED WITH ABOVE
7	U 3 5 9				INCLUDED WITH ABOVE
8	U 1 6 1				INCLUDED WITH ABOVE
9	D 0 0 1				INCLUDED WITH ABOVE
0	U 1 1 7	500	P	S 0 1	
1	D 0 0 1				INCLUDED WITH ABOVE
2	D 0 0 2	2,500	P	S 0 1	
3	D 0 0 4				INCLUDED WITH ABOVE
4	D 0 0 8				INCLUDED WITH ABOVE
5	F 0 0 1	15,000	P	S 0 1	
6	F 0 0 2				INCLUDED WITH ABOVE
7	D 0 1 8				INCLUDED WITH ABOVE
8	F 0 0 1	1,000	P	S 0 1	
9	D 0 1 9				INCLUDED WITH ABOVE
0	D 0 2 9				INCLUDED WITH ABOVE
1	D 0 3 9				INCLUDED WITH ABOVE
2	D 0 4 0				INCLUDED WITH ABOVE
3	F 0 0 2	500	P	S 0 1	
4	U 0 8 0				INCLUDED WITH ABOVE
5	F 0 0 2	500	P	S 0 1	
6	U 2 2 6				INCLUDED WITH ABOVE
7	U 2 2 0	500	P	S 0 1	
8	D 0 0 1	500	P	S 0 1	
9	D 0 0 8				INCLUDED WITH ABOVE
0	D 0 0 1	1,000	P	S 0 1	
1	D 0 0 7				INCLUDED WITH ABOVE
2	D 0 0 8				INCLUDED WITH ABOVE
3					

26

ease print or type with ELITE type (12 characters per inch) in the unshaded areas only

GSA No. 0248-EPA-07

EPA I.D. Number (enter from page 1)

H	6	8	9	0	0	0	8	9	7	6									2388	

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES (1) PROCESS CODES (enter)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D001	1,000	P	S01	
2	D002				INCLUDED WITH ABOVE
3	D007				INCLUDED WITH ABOVE
4	D008				INCLUDED WITH ABOVE
5	F001	10,000	P	S01	
6	F002				INCLUDED WITH ABOVE
7	F003				INCLUDED WITH ABOVE
8	F004				INCLUDED WITH ABOVE
9	D005				INCLUDED WITH ABOVE
10	D006				INCLUDED WITH ABOVE
11	D007				INCLUDED WITH ABOVE
12	D008				INCLUDED WITH ABOVE
13	D010				INCLUDED WITH ABOVE
14	D018				INCLUDED WITH ABOVE
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32					
33					

EPA I.D. Number (enter from page 1)	Secondary ID Number (enter from page 1)
OH6890008976	

XIV. Description of Hazardous Waste (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 6.

Line Number	Additional Process Codes (enter) 2383
	NA

XV. Map

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

XVI. Facility Drawing

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

XVII. Photographs

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

XVIII. Certification(s)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner Signature	Date Signed
Name and Official Title (type or print)	
Operator Signature	Date Signed
Name and Official Title (type or print)	

XIX. Comments

28

Note: Mail completed form to the appropriate EPA Regional or State Office. (refer to instructions for more information)

2383

From: D. L. Zdelar

WMCO:EC&QA(OU3/TSP):91-111

Date: July 1, 1991

Subject: REVISED FMPC PART A PERMIT APPLICATION: REVISION 11

To : Distribution

Reference: WMCO:EC&QA:91-301, E. D. Savage to G. W. Westerbeck, "REVISED FMPC PART A PERMIT APPLICATION: REVISION 11," dated June 27, 1991.

Please add the attached pages to the copy of the Part A Permit Application, that you received June 28, 1991.

Please contact me at extension 6288 if you have any questions or comments on the Part A.

FOR

D. L. Zdelar
Toxic & Solid Waste Programs
Operable Unit 3 (OU3) Compliance

Attachments (3)

Distribution: w/att.

S. L. Bradley
S. W. Heisler
E. D. Savage
S. G. Schneider
T. J. Walsh

TSWP Files

Please print or type with ELITE type (12 characters per inch) in the shaded areas only.

EPA I.D. Number (enter from page 1)	Secondary ID Number (enter from page 1)
OH6890008976	

XIV. Description of Hazardous Waste (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 6.

Line Number	Additional Process Codes (enter) 2383
	N/A

XV. Map

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

XVI. Facility Drawing

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

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All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

XVIII. Certification(s)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner Signature	Date Signed
See Attached	
Name and Official Title (type or print)	
Operator Signature	Date Signed
Name and Official Title (type or print)	

XIX. Comments

30

Note: Mail completed form to the appropriate EPA Regional or State Office. (refer to instructions for more information)

ITEM XVIII. CERTIFICATION(S) (Page 1)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

U.S. Department of Energy
Owner and Operator

Gerald W. Westerbeck, Manager
Fernald Site Office

6/28/91
Date signed

ITEM XVIII. CERTIFICATION(S) (Page 2)

The Department of Energy has signed this certification as the owner and operator of the subject facility and the contractor has signed as co-operator of the facility. The Department has determined (U.S. Department of Energy, Secretary of Energy Notice SEN-22-90, dated 5/8/90) that dual signatures best reflect the actual apportionment of responsibility under which the Department is responsible for policy, programmatic, funding and scheduling decisions, as well as general oversight; and the contractor is responsible for certain day-to-day activities which are performed by contractor employees and subcontractors, (in accordance with general directions given by the Department as part of its general oversight responsibility), such as waste analyses and handling, monitoring, record keeping, reporting, and contingency planning. Westinghouse Materials Company of Ohio (WMCO) executes this application as co-operator with the following specific exception to the statements in the application: It is WMCO's position that the following surface impoundments listed in Section XV did not manage a listed hazardous waste because of the application of the wastewater mixture rule exemption, and, as such, are exempt from hazardous waste management unit requirements: waste pit No. 5, the clearwell, the bio-surge lagoon, the sludge drying beds, the lime sludge ponds and the coal pile runoff basin. WMCO is executing this Part A application as co-operator in the spirit of cooperation with DOE which has overall responsibility for the FMPC. But in doing so, WMCO does not agree that the listed surface impoundments are hazardous waste management units or that they and the listed wastewater streams are subject to hazardous waste statutes or regulations and WMCO, in executing this Part A, expressly reserves all rights with respect thereto. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Westinghouse Materials Company
of Ohio, Co-operator

W. H. Britton, President
Westinghouse Materials Company
of Ohio

6/28/91
Date signed

ITEM XV. MAPS

There are forty-seven (47) RCRA Hazardous Waste Management Units (HWMUs) at the Feed Materials Production Center (FMPC). They are shown on the maps provided (Figures A-1 and A-2). The type of HWMU, process code, status, and dimensions are provided on the following pages.

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Drinking Wells

The only drinking water wells within one-quarter mile of the production area are those that supply the FMPC. They are shown on Figure A-2 as Production Wells #1 through #3. The drinking water wells within one-quarter mile of the property boundaries are shown in Figure A-1.

Outfall Location

Outfall No.	Latitude (Deg Min Sec)	Longitude (Deg Min Sec)	Receiving Water
001	39 17 53	84 40 48	Great Miami River
002	39 17 36	84 41 21	Storm Sewer Outfall Ditch to Paddy's Run

UNIT NO.	FMPC HAZARDOUS WASTE MANAGEMENT UNITS	Type of Unit (1)	Process Code (2)	Status (3)	Dimensions
1	Fire Training Facility	D	D80	2	105' x 134'
2	Parts Cleaner in Welding Shop (Maintenance Bldg 12)	S	S01	2	33" x 71" x 5'9"
3	Waste Oil Storage In Garage	S	S01	2	10' x 10'
4	Drum Storage Area Near Loading Dock (Lab Bldg)	S	S01	2	6'6" x 22'
5	Drum Storage Area South of W-26 (Lab Bldg)	S	S01	2	31'8" x 41'
6	Drummed HF Residue/Associated Storage Areas Inside Plant 4	S	S01	2	4' x 17'
7	Drummed HF Residue/Associated Storage Areas NW of Plant 4	S	S01	2	25' x 30'
8	Drummed HF Residue/Associated Storage Areas S. of Cooling Towers	S	S01	2	10' x 32'
9	Nitric Acid Rail Car and Area	S	S01	2	10' x 40' x 15'
10	NAR System Components	S	S02	2	13, 262 sq ft
11	Tank Farm Sump	T	T02	2	24' x 27' x 11' x 18' x 14'
12	Wheelabrator - Bldg 66	S	S01	2	24' x 20'
13	Wheelabrator Dust Collector - Bldg 66	S	S01	2	30' x 17'
14	Box Furnace	T	T03	2	18' x 14'
15	Oxidation Furnace #1	T	T03	2	85 sq ft
16	Primary Calciner	T	T03	2	13.5 ft diam x 40' high
17	Plant 8 East Drum Storage Pad	S	S01	2	18,330 sq ft
18	Plant 8 West Drum Storage Pad	S	S01	2	12,304 sq ft
19	CP Storage Warehouse - Bldg 56 (Butler Bldg)	S	S01	1	50' x 180'
20	Plant 1 Pad	S	S01	1	375,000 sq ft
21	Hilco Oil Recovery	S	S01	2	20' x 12'
22	Abandoned Sump West of Pilot Plant	S	S02	2	2' diam x 14' deep
23	Well Drilling Storage Area	S	S01	2	29' x 56'

(1) T= Treatment S= Storage D= Disposal
(2) Item XII of Hazardous Waste Permit Application Part A
(3) 1= HWMU to be permitted
2= HWMU to be closed
3= HWMU closed

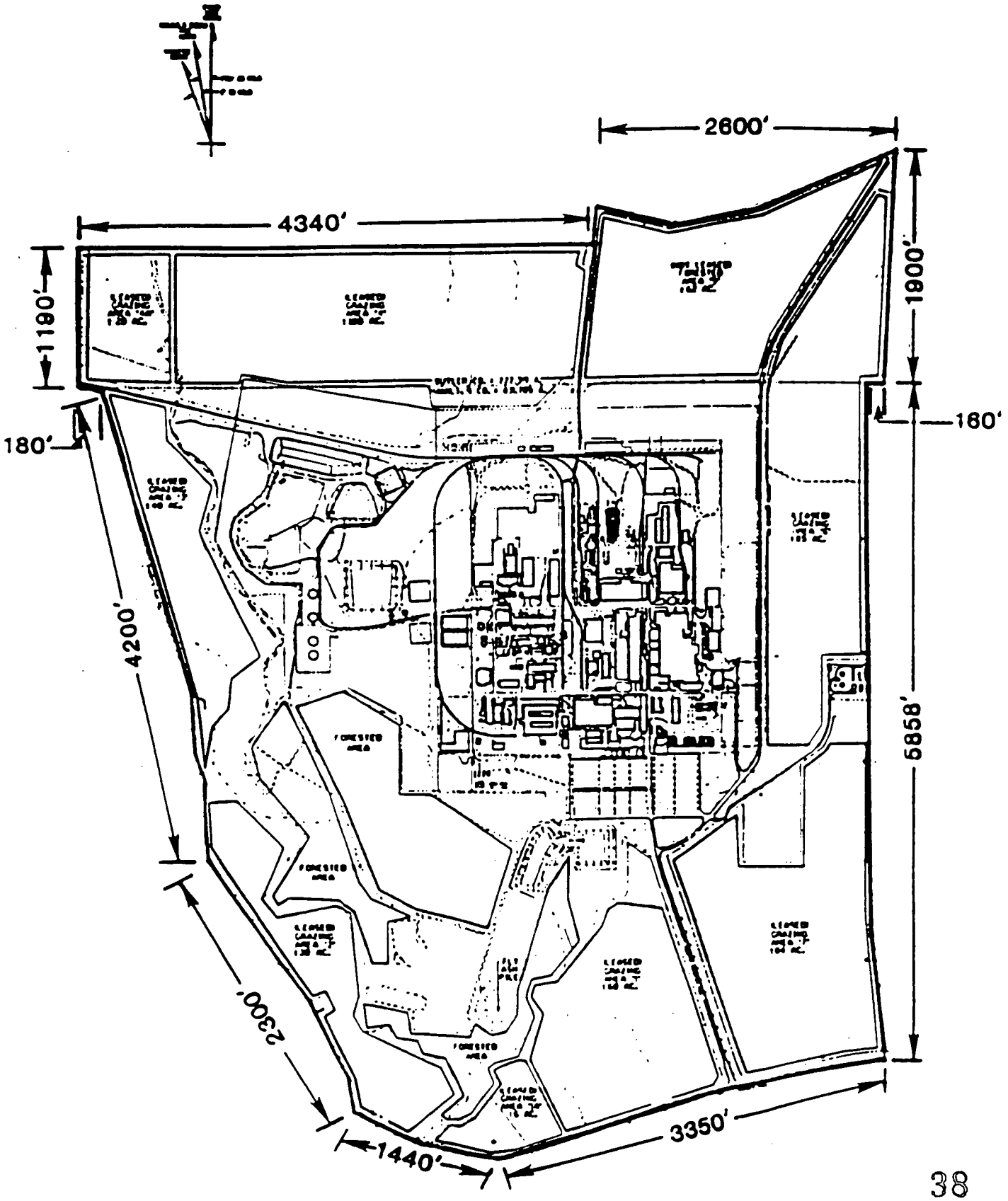
UNIT NO.	FMPC HAZARDOUS WASTE MANAGEMENT UNITS	Type of Unit (1)	Process Code (2)	Status (3)	Dimensions
24	Equipment Storage Area	S	S01	2	45' x 145'
25	Plant 1 Storage Bldg (Bldg 67)	S	S01	2	165' x 190'
26	Detrex Still	S	S02	2	24" x 36"
27	Waste Pit No. 4	D	D80	3	170' x 320' x 400' x 320'
28	Trane Thermal Liquid Incinerator	T	T03	2	52' x 50'
29	Plant 8 Warehouse (Bldg 80)	S	S01	1	60' x 170'
30	Barium Chloride Salt Treatment Facility	T	T04	3	75' x 50'
31	Tank for Bulk Storage of Solvents, T-5	S	S02	2	10' diameter
32	Tank for Bulk Storage of Solvents, T-6	S	S02	2	10' diameter
33	Pilot Plant Warehouse Storage Pad (Bldg 68)	S	S01	1	62' x 7'
34	KC-2 Warehouse (Bldg 63)	S	S01	1	82' x 346' 2 3/8"
35	Plant 9 Warehouse (Bldg 81)	S	S01	1	80' x 100'
36	Storage Pad North of Plant 6	S	S01	2	8' x 40'
37	Plant 6 Warehouse (Bldg 79)	S	S01	1	100' x 170'
38	Proposed Building 83X	S	S01	1	250' x 900'
39	Proposed RCRA Warehouse	S	S01	1	80' x 120'
40	HF Tank Car	S	S01	2	10' x 36' x 15'
41	Clearwell	T	T02	2	30,600 sq ft
42	Bio-surge Lagoon	T	T02	2	160,000 sq ft
43	Sludge Drying Beds	T	T02	2	79' x 92'
44	Waste Pit No. 5	T	T02	2	184,000 sq ft
45	Lime Sludge Ponds	S	S04	2	40,000 sq ft
46	Coal Pile Runoff Basin	S	S04	2	5,778 sq ft
47	UST #5	S	S02	2	2' 6" diameter

(1) T= Treatment S= Storage D= Disposal
(2) Item XII of Hazardous Waste Permit Application Part A
(3) 1= HWMU to be permitted
2= HWMU to be closed
3= HWMU closed

ITEM XVI. FACILITY DRAWING

Due to the size of the FMPC, the facility drawing requirements are included on ITEM XVI and ITEM XV.

2383



ITEM XVII. PHOTOGRAPHS

Photographs of all hazardous waste management units are provided as follows:

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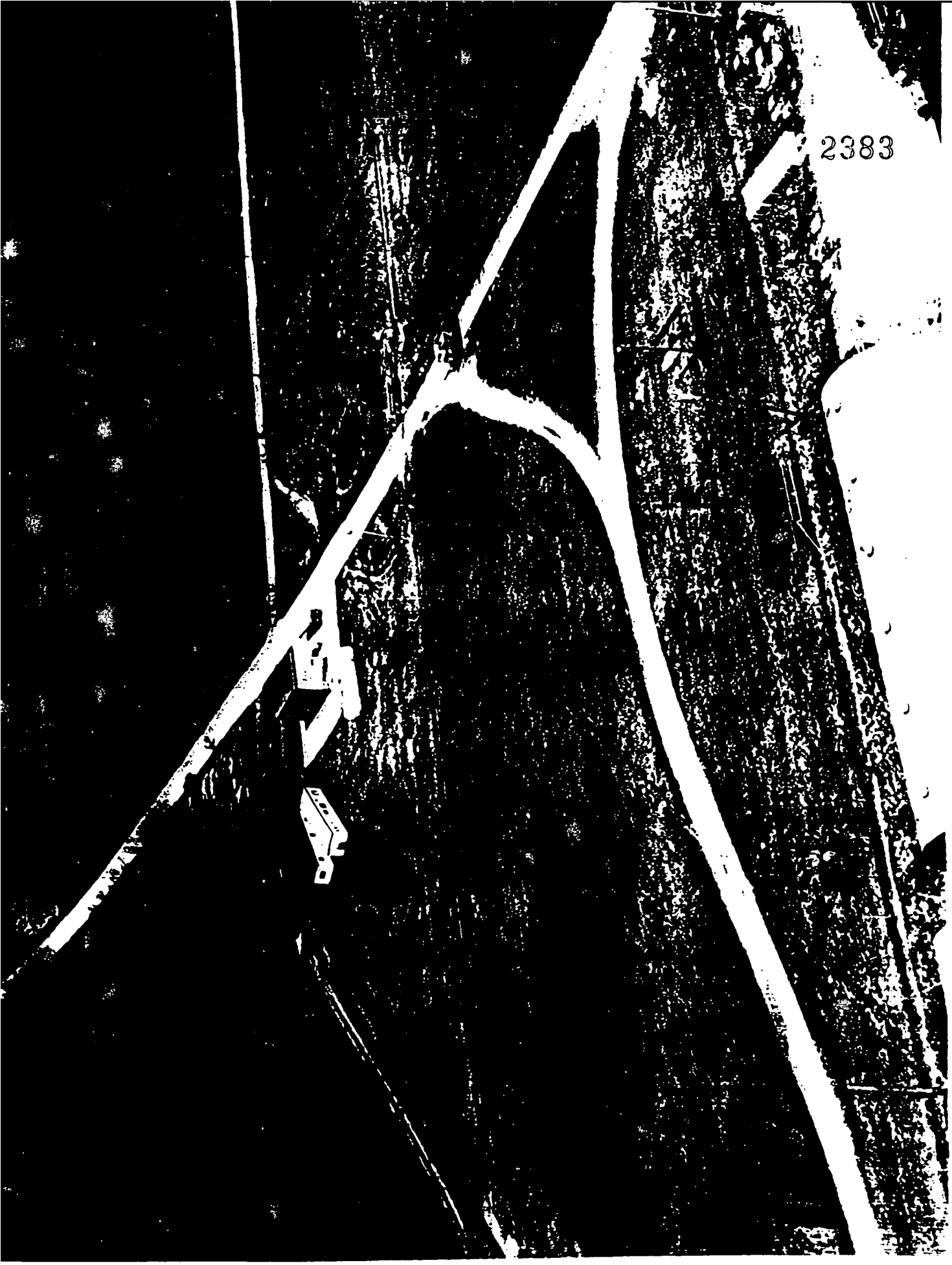
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Pa[illegible] Cleaner in Welding Sho[illegible]

Waste Oil Storage in Garage

Drum Storage Area Near Loading Dock (Lab Bldg)

Drum Storage Area South of W-26 (Lab Bldg)

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to age Areas Inst
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Drummed HF Residue/Associated Storage Areas NW of Plant 4

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HF Residue/Associated Storage

s S. of Cooling Towers

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Nitric Acid Rail Car and Area

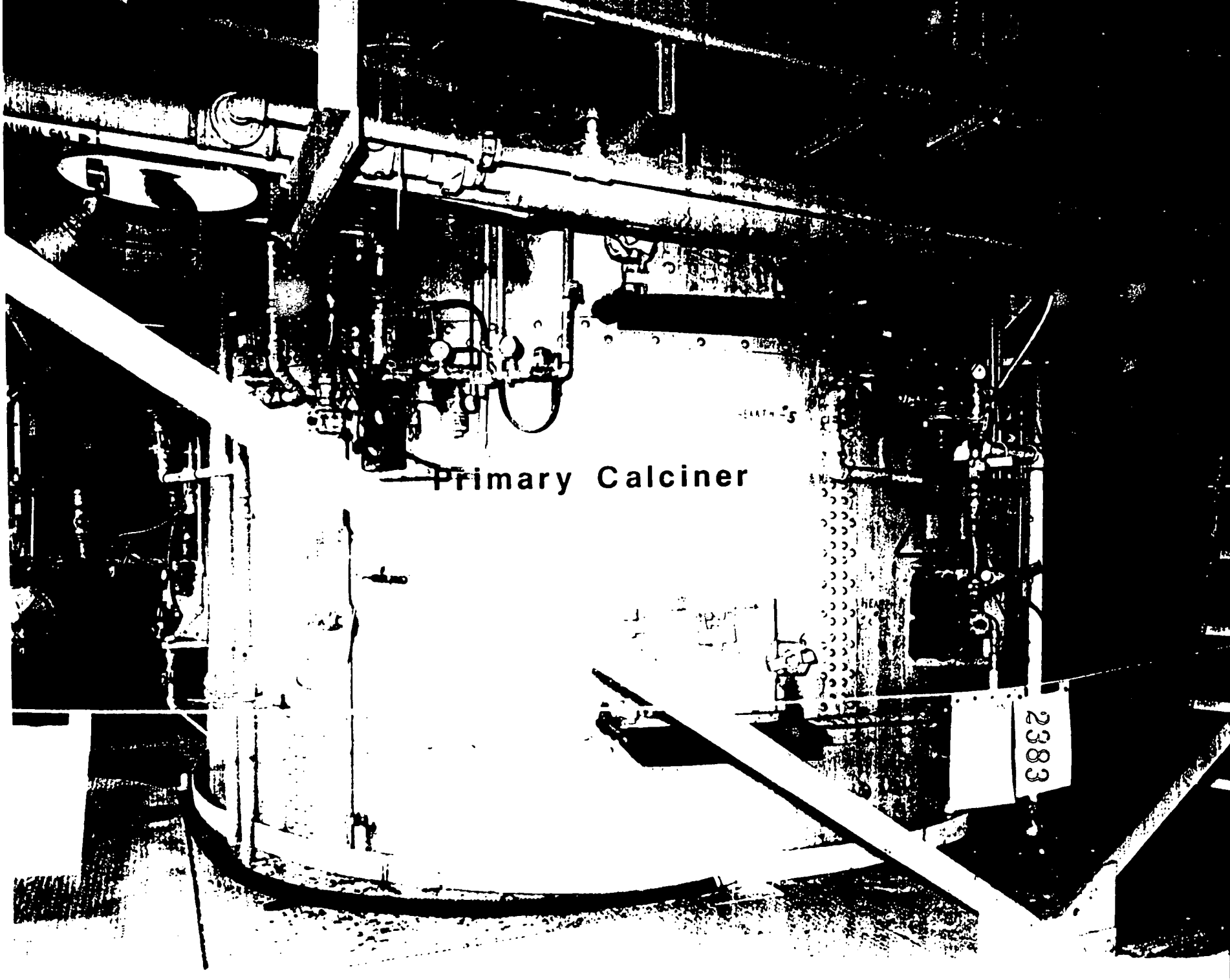
Fuel system components

Tank Farm Sump

Wheelabrator - Bldg 66
Dust Collector

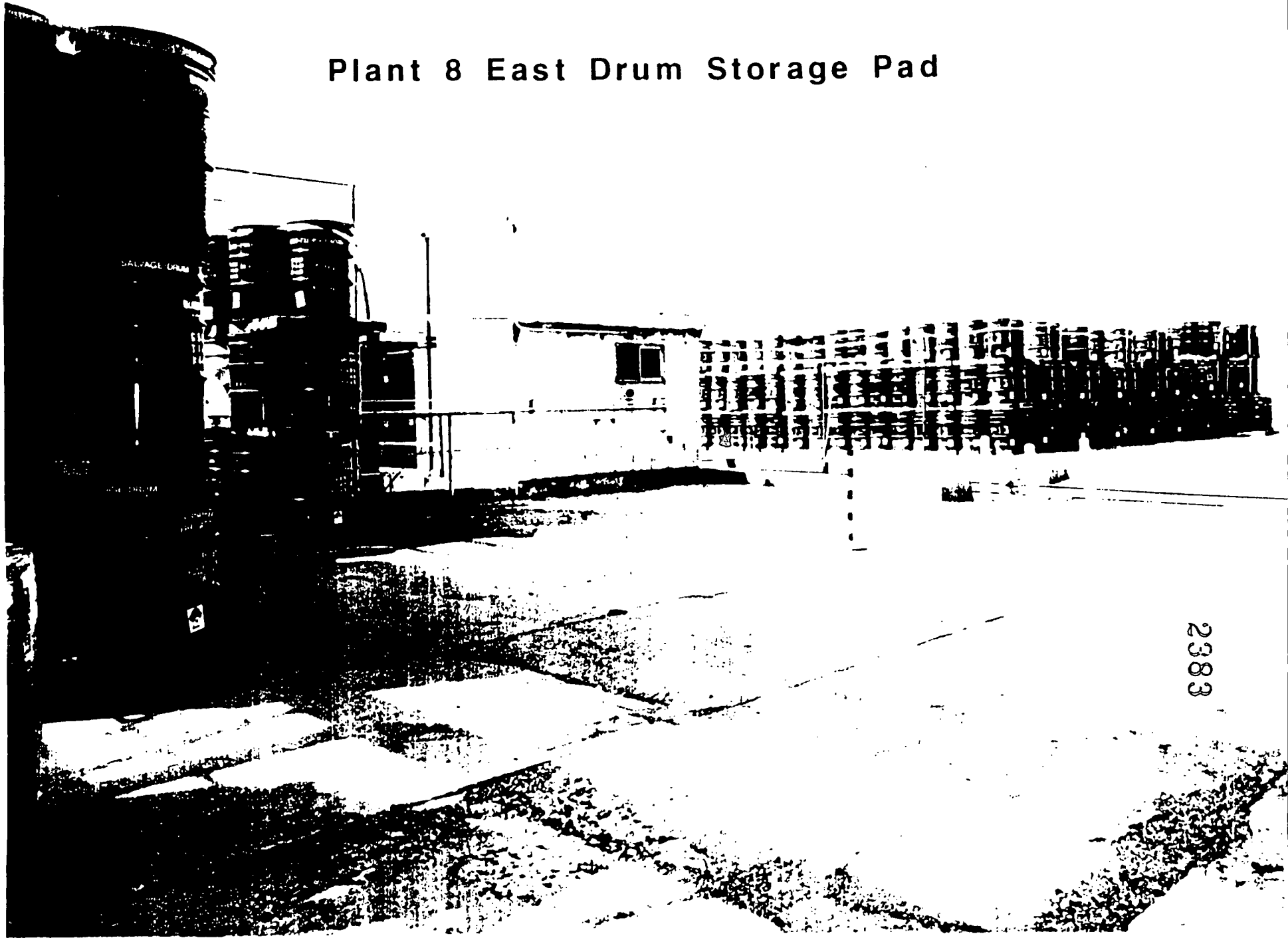
2383

Oxidation Furnace



Primary Calciner

Plant 8 East Drum Storage Pad



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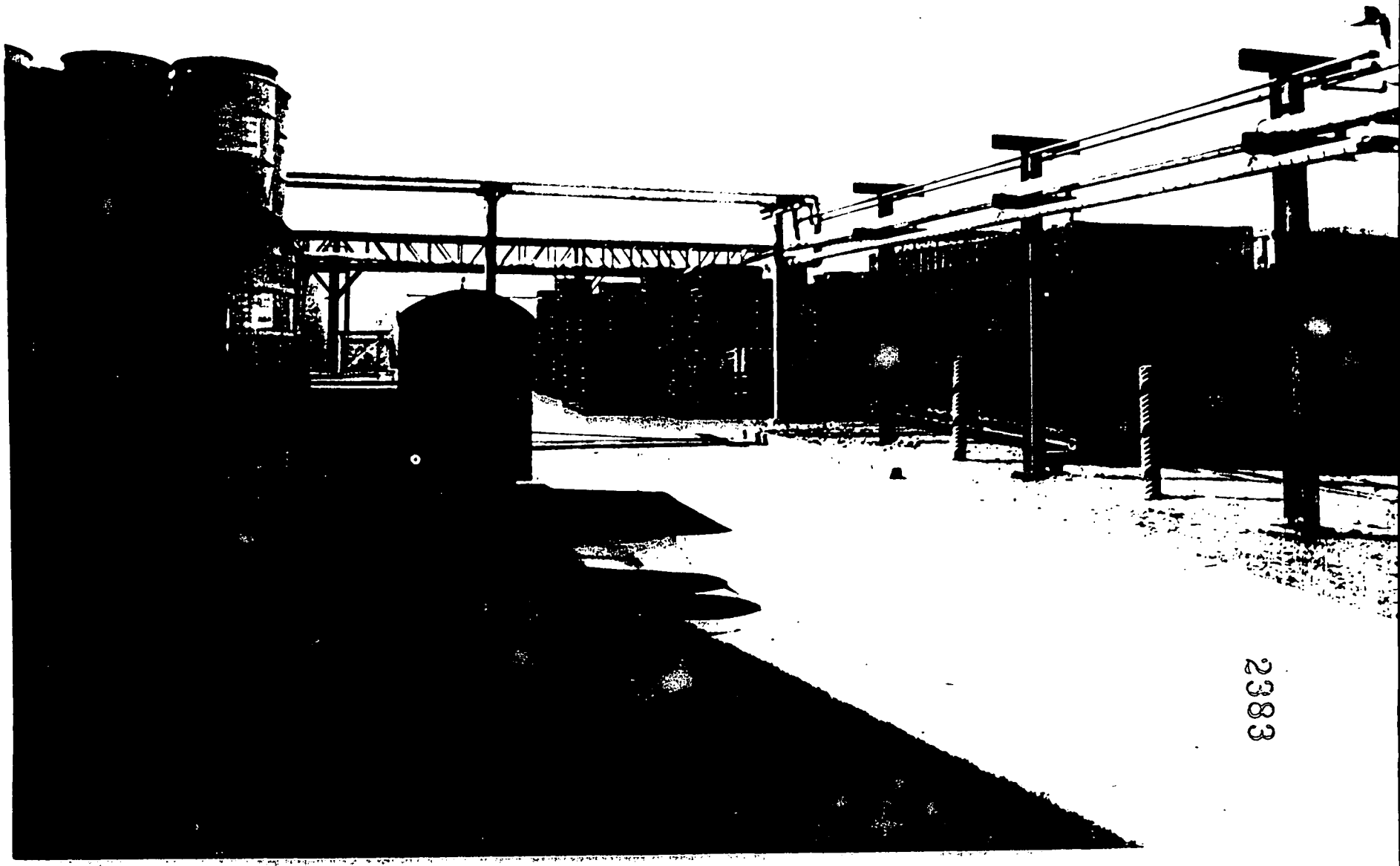
Plant 8 West Drum Storage Pad



1 Pad
sed RCRA
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ilco Oil Recovery
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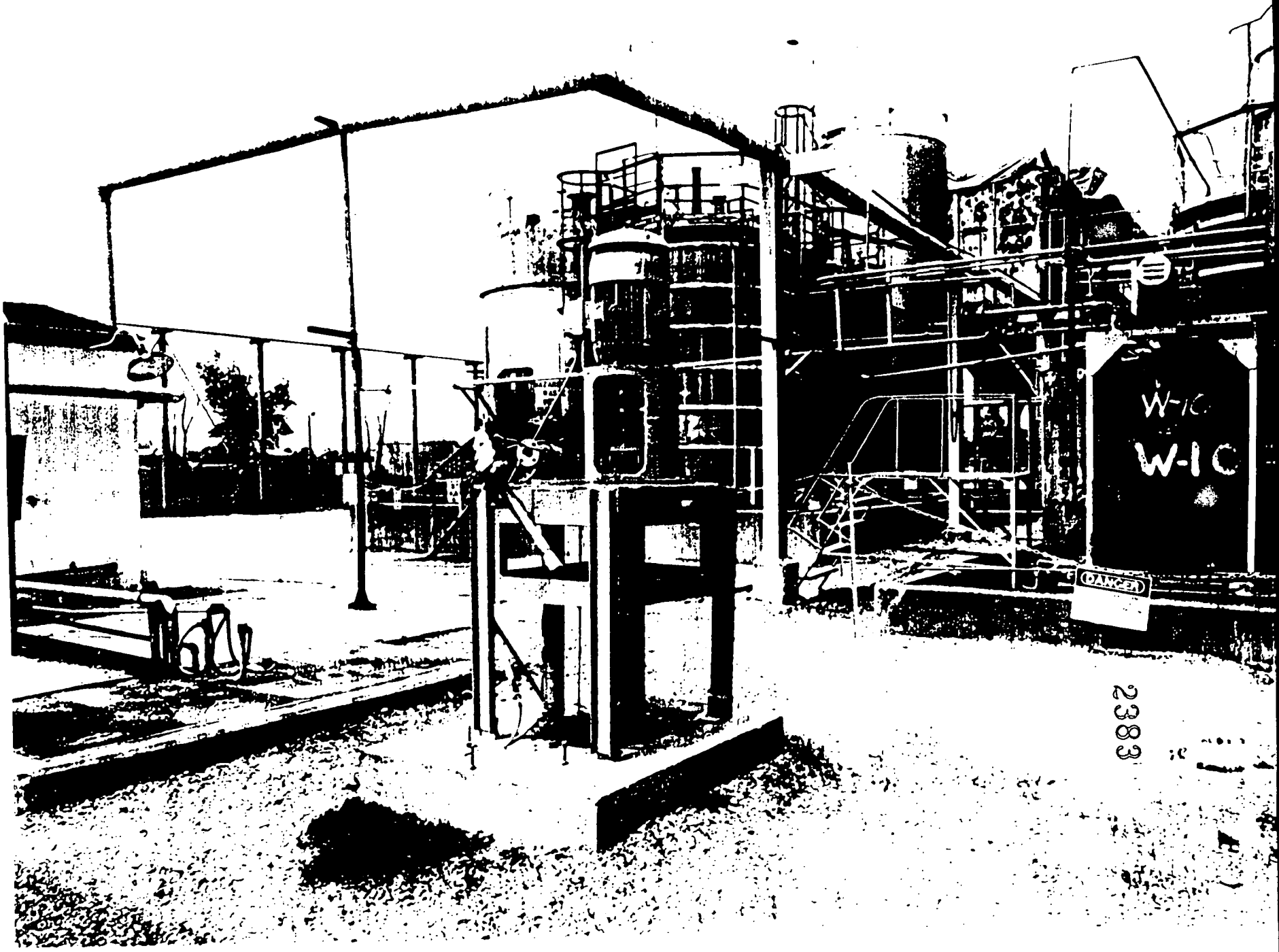
Abandoned Sump West of Pilot Plant



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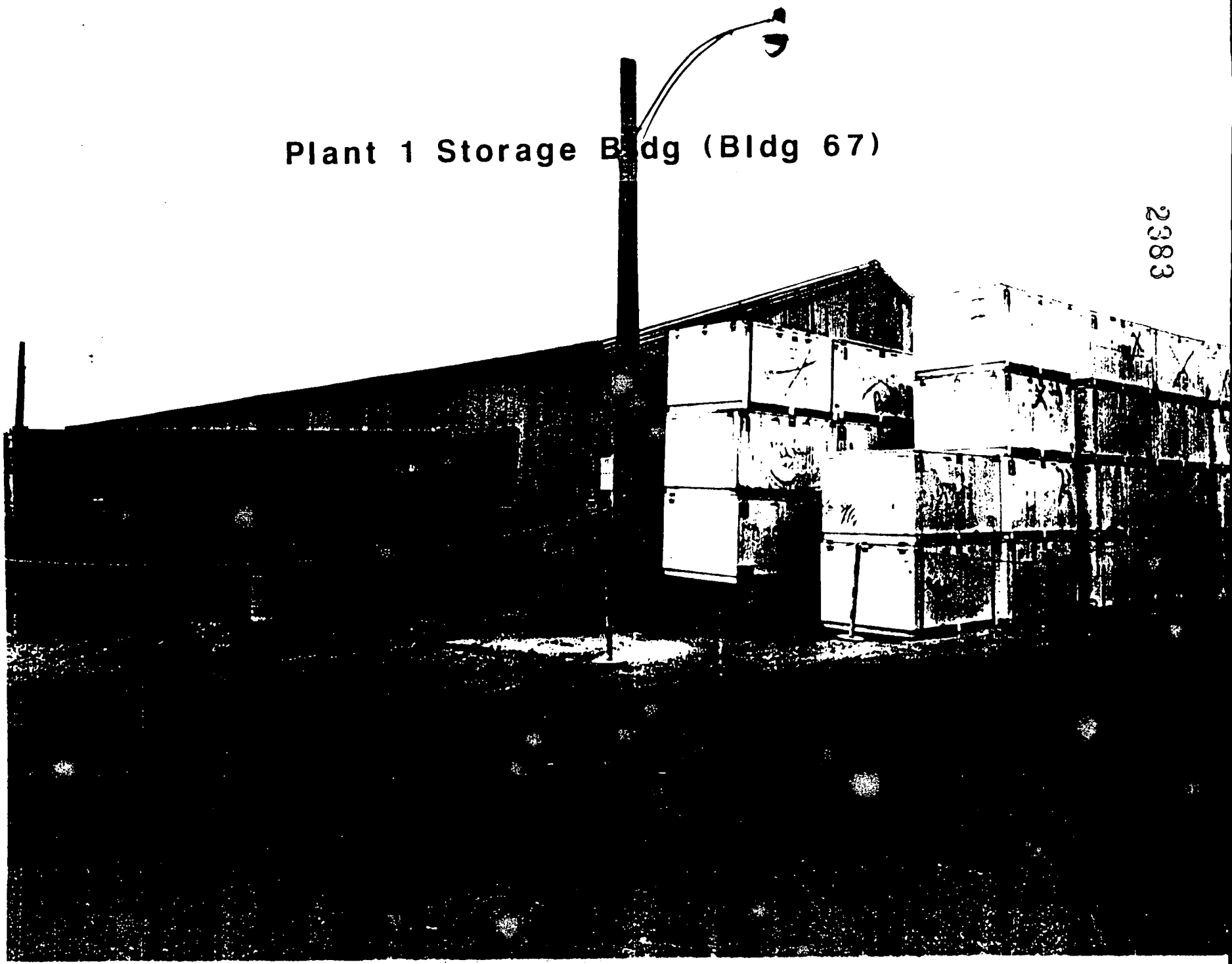
Plant 1 Storage Bldg (Bldg 67)



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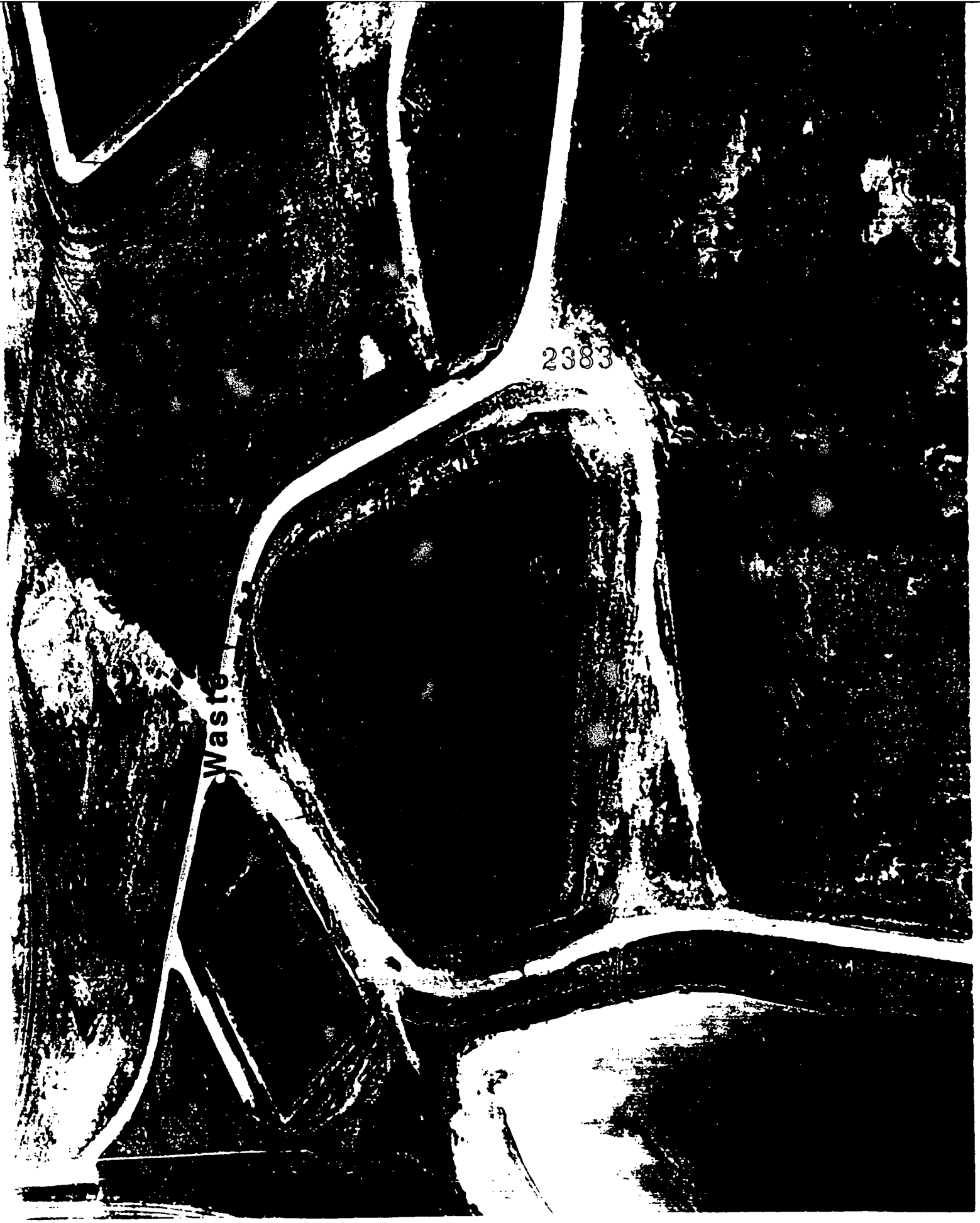
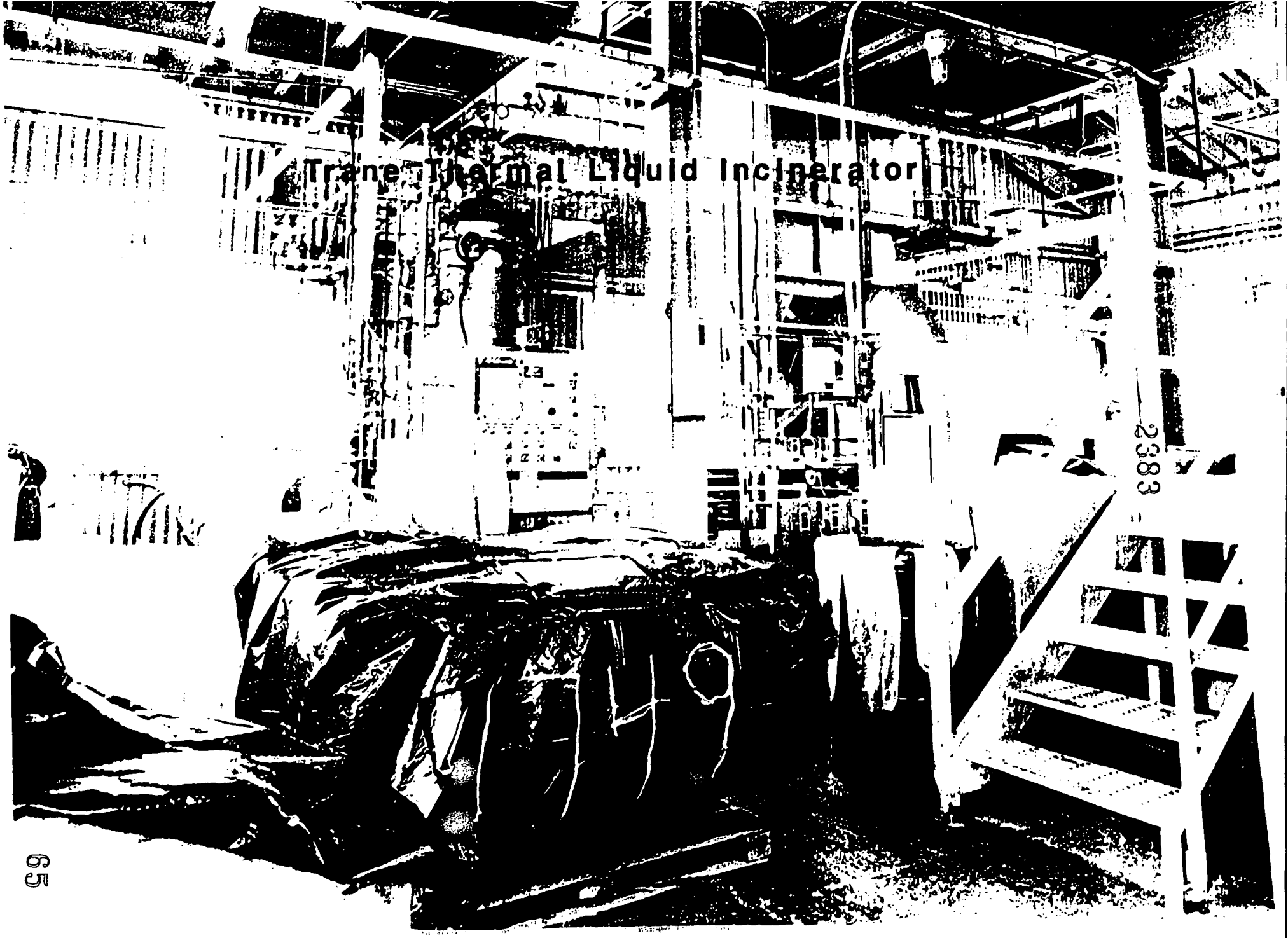
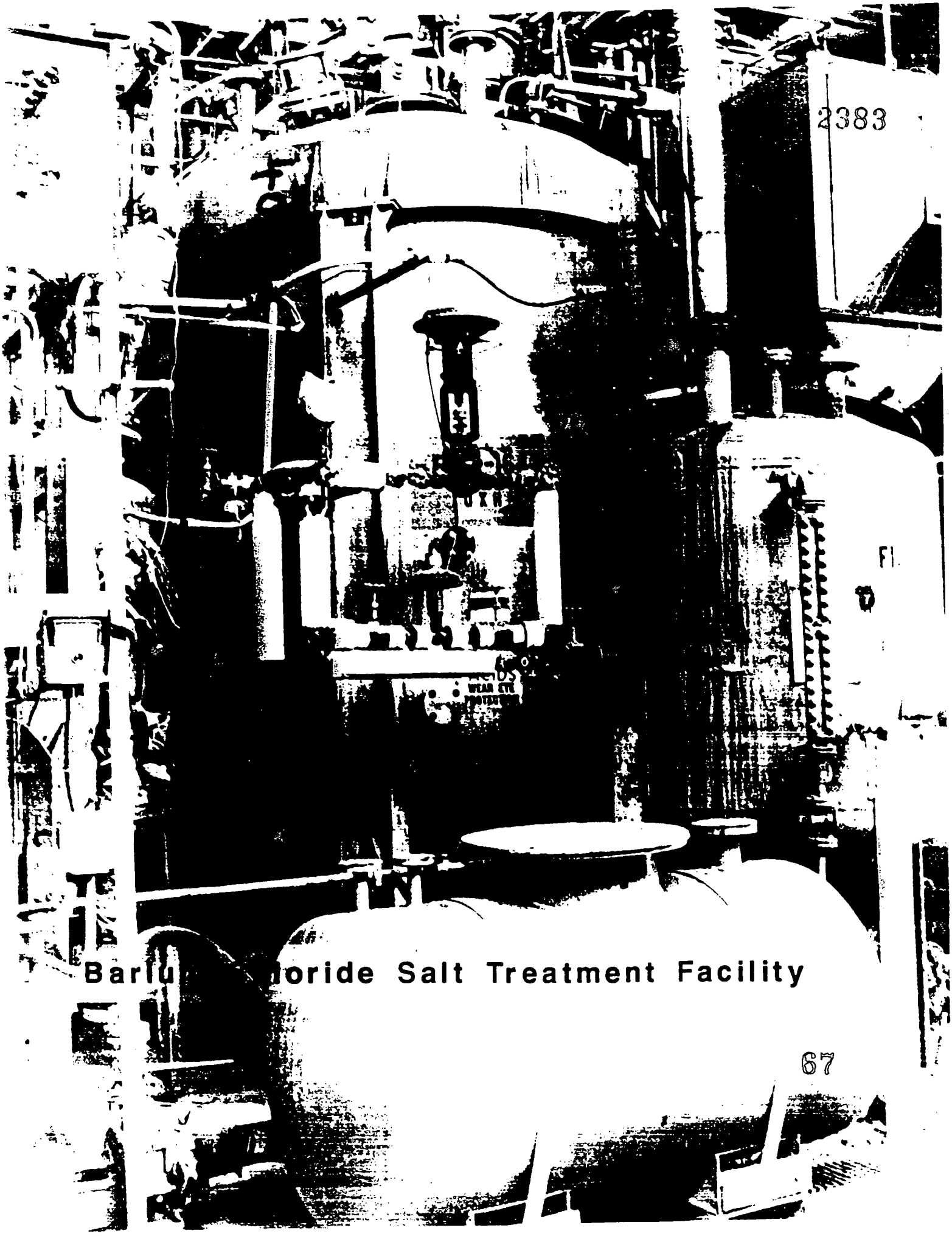

2383
Waste

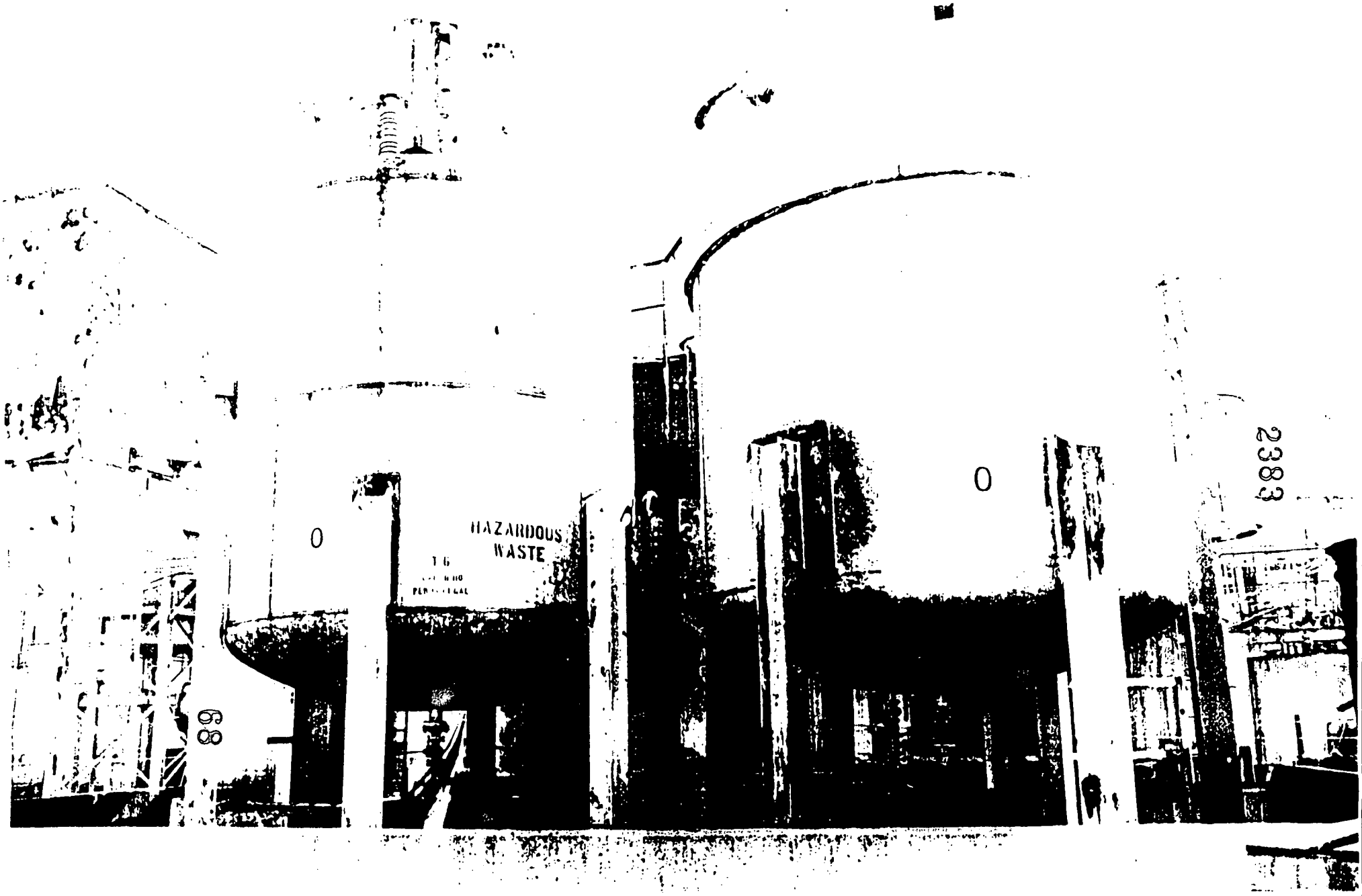


Plant 8 Warehouse (Bldg 80)



Barium Chloride Salt Treatment Facility

Tank for Bulk Storage of Solvents, T-5 & T-6



Pilot Plant Warehouse Storage Pad (Bldg 68)

69

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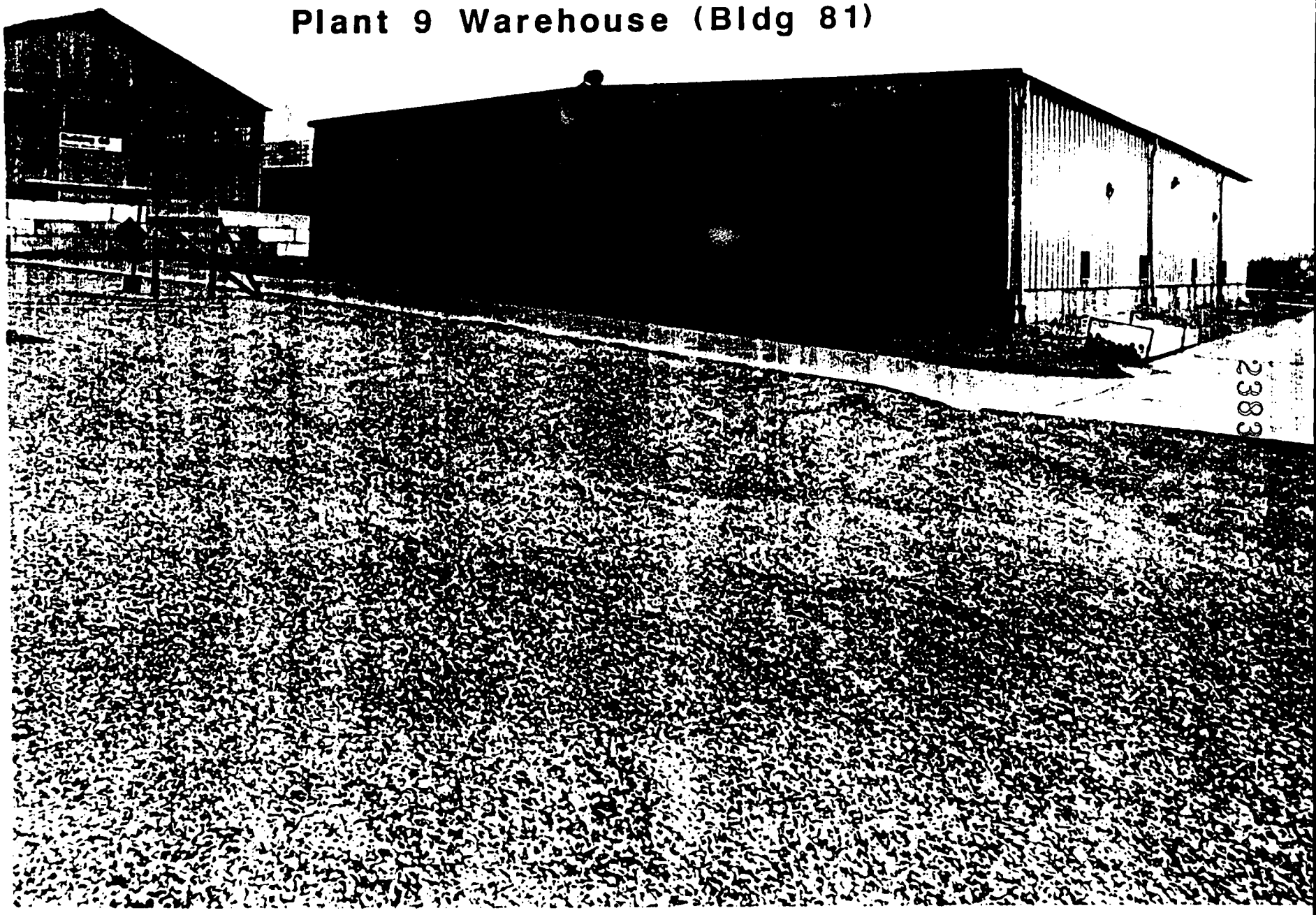
KC-2 Warehouse (Bldg 63)

02

Plant 9 Warehouse (Bldg 81)



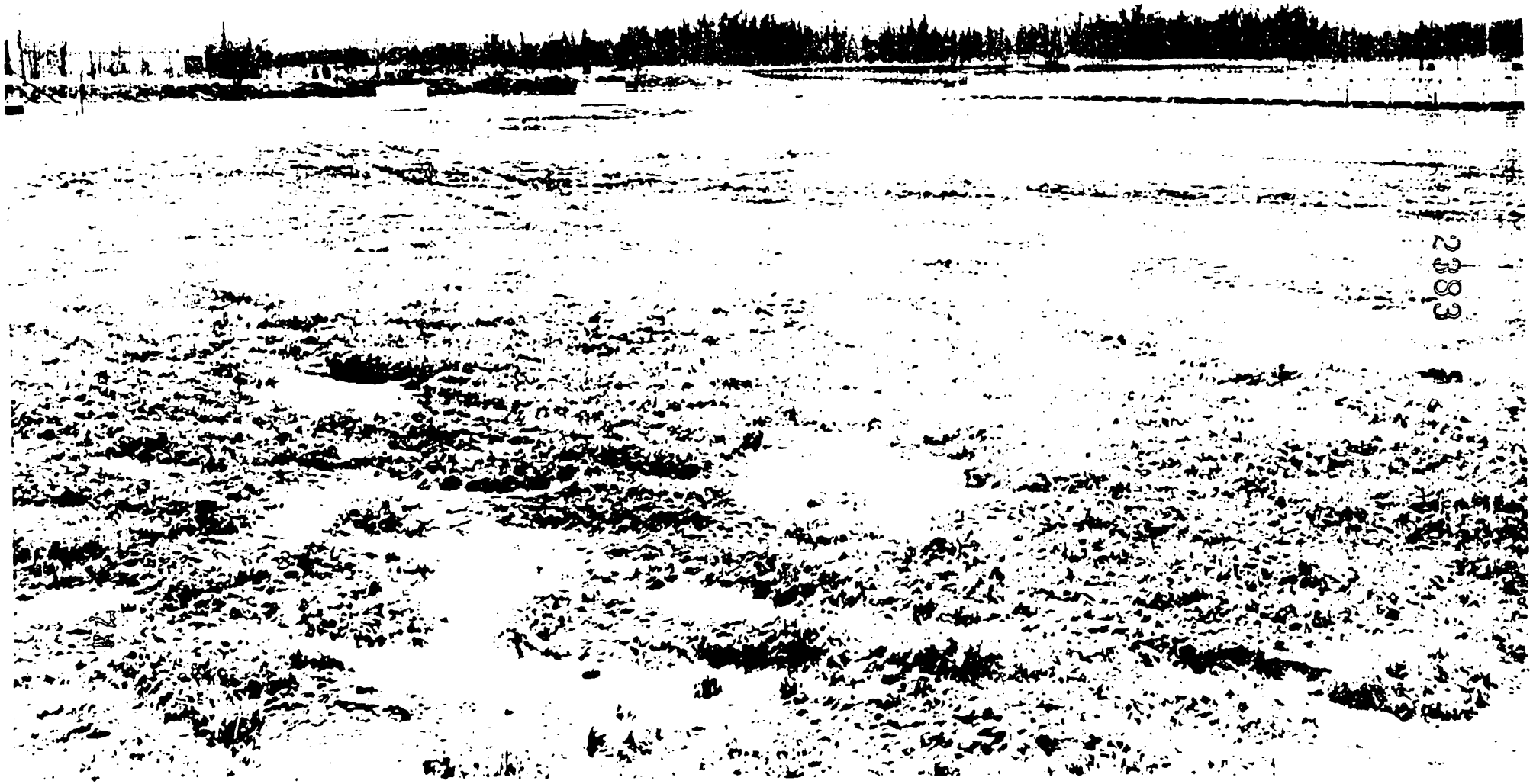
Storage Pad North of Plant 6

72

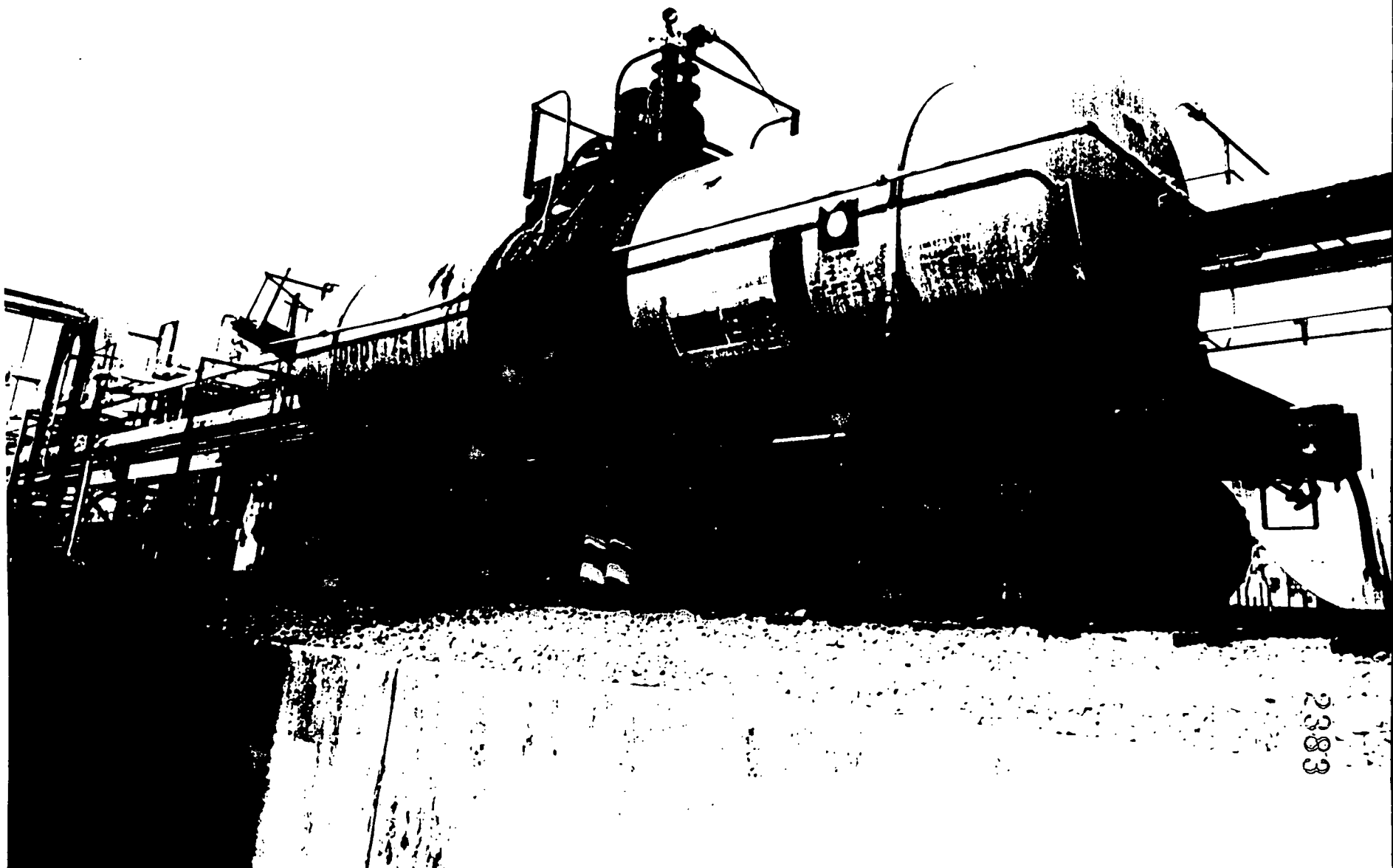
23383

Plant 6 Warehouse (Bldg 79)

Proposed Building 83X



HF Tank Car

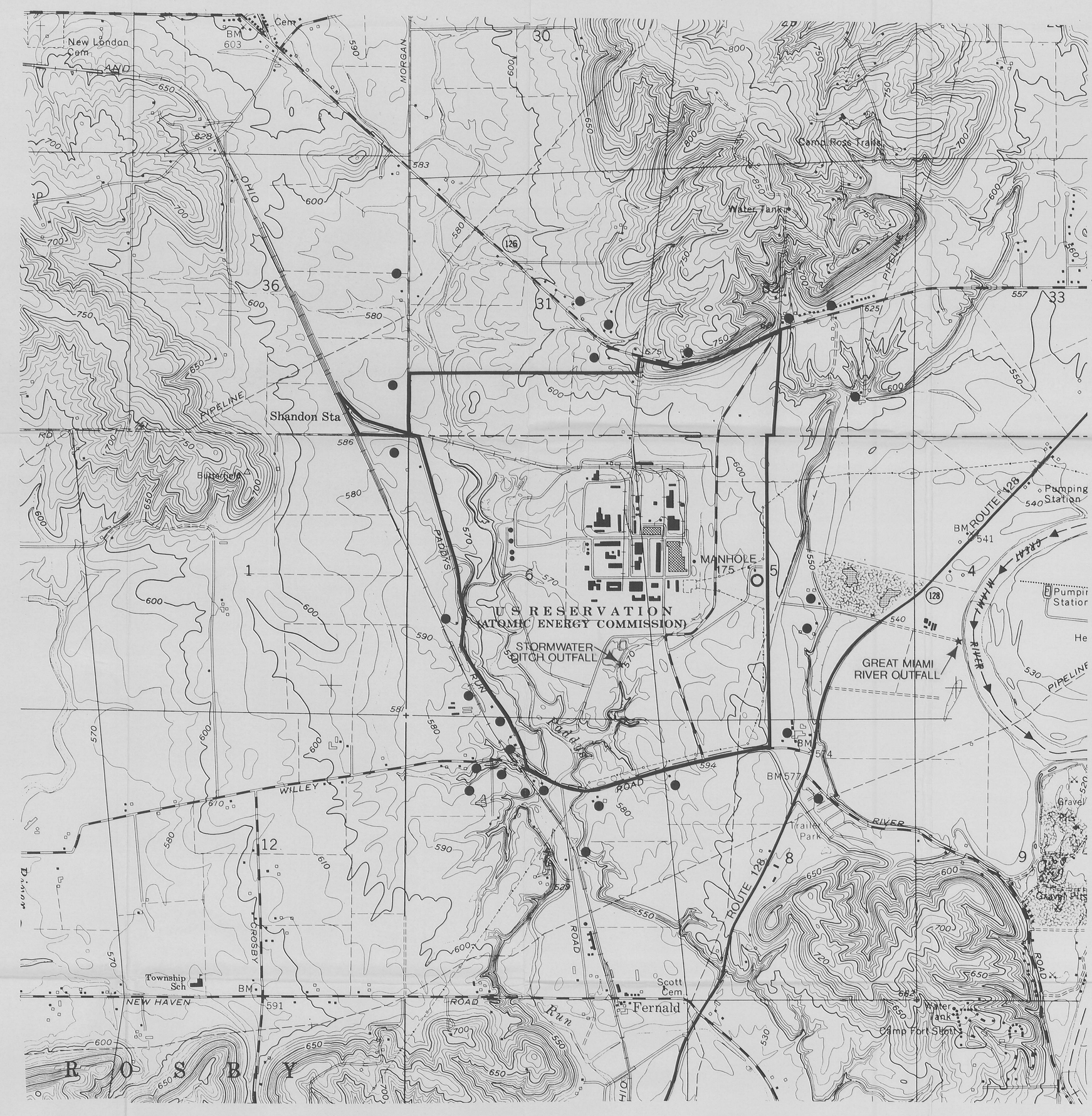


2383


W8810
383

Sludge Pon
2382

2383
82
TANK 5
OUT OF SERVICE
HAZARDOUS WASTE
UNIT
PRIOR TO ENTRY
CONTACT
K.R. DENHARDER 6192
UST #5



RCRA PART A
TOPOGRAPHIC MAP

LEGEND:

- ● RESIDENTIAL WATER WELLS
- ★ NPDES DISCHARGE POINT
- ← RIVER FLOW
- PROPERTY BOUNDARY
- – – – INTERMITTENT STREAM
- ○ MANHOLE

NOTE:

MAP SOURCE – USGS SHANDON QUADRANGLE, REV. 1974

2383

NO.	REVISIONS	DATE	DWN. BY	APPD.	REF. DWG. NO.

NOTE:
WMCO C.A.D.
DRAWING NOT
TO BE REVISED
MANUALLY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE
FRACTIONS ± 1/32
ANGLES ± 0° - 30'
DECIMALS
.X ± 0.1
.XX ± 0.03
.XXX ± 0.005
.XXXX ± 0.0010
ORIG. RELEASE DATE

APPROVALS					
CHEMICAL			E.S. & H.		
CIVIL & STR.			MAINTENANCE		
ELECTRICAL			NU. SAFETY		
ENGINEER			O.A.		
INSTRUMENT			PRODUCTION		
MECHANICAL			PROD. TECH.		
			WASTE MANAGE		
CHECKED					
APPROVED					

WESTINGHOUSE MAT'LS. CO. OF OHIO
FERNALD, OHIO
FEED MATERIALS PRODUCTION CENTER
U.S. DEPARTMENT OF ENERGY

SITE PLAN — RCRA PART A
SCALE: 1" = 1000'
36

RES 1626
DATE 6-13-91
DRAWN D.J.HUFF

75X-5500-X-00172 | 0

FILE NAME: _____

FMPC HAZARDOUS WASTE MANAGEMENT UNIT (HWMU) LOCATIONS
(1) FIRE TRAINING FACILITY
(2) PARTS CLEANER IN WELDING SHOP (MAINT. BLDG. 12)
(3) WASTE OIL STORAGE IN GARAGE
(4) DRUM STORAGE AREA NEAR LOADING DOCK (LAB BLDG.)
(5) DRUM STORAGE AREA SOUTH OF W-26 (LAB BLDG.)
(6) DRUMMED HF RESIDUE & ASSOCIATED STORAGE AREAS INSIDE PLT. 4
(7) DRUMMED HF RESIDUE & ASSOCIATED STORAGE AREAS NW OF PLT. 4
(8) DRUMMED HF RESIDUE & ASSOCIATED STORAGE AREAS SOUTH OF COOLING TOWERS
(9) NITRIC ACID RAIL CAR AND AREA
(10) NAR SYSTEM COMPONENTS
(11) TANK FARM SUMP
(12) WHEELABRATOR, BLDG. 66 (OLD DRUM RECONDITIONING)
(13) WHEELABRATOR DUST COLLECTOR, BLDG. 66
(14) BOX FURNACE
(15) OXIDATION FURNACE #1
(16) PRIMARY CALCINER
(17) PLANT 8 EAST DRUM STORAGE PAD
(18) PLANT 8 WEST DRUM STORAGE PAD
(19) CP STORAGE WAREHOUSE BLDG. 56 (BUTLER BLDG.)
(20) PLANT 1 PAD
(21) HILCO OIL RECOVERY
(22) ABANDONED SUMP WEST OF PILOT PLANT
(23) WELL DRILLING STORAGE AREA
(24) EQUIPMENT STORAGE AREA
(25) PLANT 1 STORAGE BLDG. (BLDG. 67)
(26) DETREX STILL
(27) WASTE PIT NO. 4
(28) TRANE THERMAL LIQUID INCINERATOR
(29) PLANT 8 WAREHOUSE (BLDG. 80)
(30) BARIUM CHLORIDE SALT TREATMENT FACILITY
(31) TANK FOR BULK STORAGE OF SOLVENTS, T-5
(32) TANK FOR BULK STORAGE OF SOLVENTS, T-6
(33) PILOT PLANT WAREHOUSE STORAGE PAD (BLDG. 68)
(34) KC-2 WAREHOUSE (BLDG. 63)
(35) PLANT 9 WAREHOUSE (BLDG. 81)
(36) STORAGE PAD NORTH OF PLANT 6
(37) PLANT 6 WAREHOUSE (BLDG. 79)
(38) PROPOSED BUILDING 83X
(39) PROPOSED RCRA WAREHOUSE
(40) HF TANK CAR
(41) CLEARWELL
(42) BIO-SURGE LAGOON
(43) SLUDGE DRYING BEDS
(44) WASTE PIT NO. 5
(45) LIME SLUDGE PONDS
(46) COAL PILE RUNOFF BASIN
(47) UST 5

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APPROVALS			
CHEMICAL		E.S. & H.	
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INSTRUMENT		PRODUCTION	
MECHANICAL		PROD. TECH.	
		WASTE MANAGE	
CHECKED			
APPROVED			

WESTINGHOUSE MAT'LS. CO. OF OHIO
FERNALD, OHIO
FEED MATERIALS PRODUCTION CENTER
U.S. DEPARTMENT OF ENERGY

SITE PLAN — RCRA PART A
SECTION XVI
FACILITY LOCATION MAP
SCALE: 1" = 300'
37

RES #1626	75X-5500-X-00171 | 0
DATE 5-24-91	
DRAWN S.J.SMOCK	

FILE NAME: ZFA1:[100,4]75XX00171.DGN