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JUN 16 2005



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DOE-0263-05

Mr. Thomas Schneider, Project Manager
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Dear Mr. Saric and Mr. Schneider:

**PROJECT COMPLETION REPORT FOR THE EAST WAREHOUSE COMPLEX
DECONTAMINATION AND DISMANTLEMENT PROJECT**

Enclosed for your review and approval is the Operable Unit 3 Project Completion Report for the East Warehouse Complex Decontamination and Dismantlement (D&D) Project. The regulatory commitment date for this submittal is June 28, 2005.

If you have any questions or need further information, please contact Ed Skintik at (513) 246-1369.

Sincerely,

William J. Taylor
William J. Taylor
Director

FCP:Skintik

Mr. James A. Saric
Mr. Tom Schneider

-2-

DOE-0263-05

Enclosures: As Stated

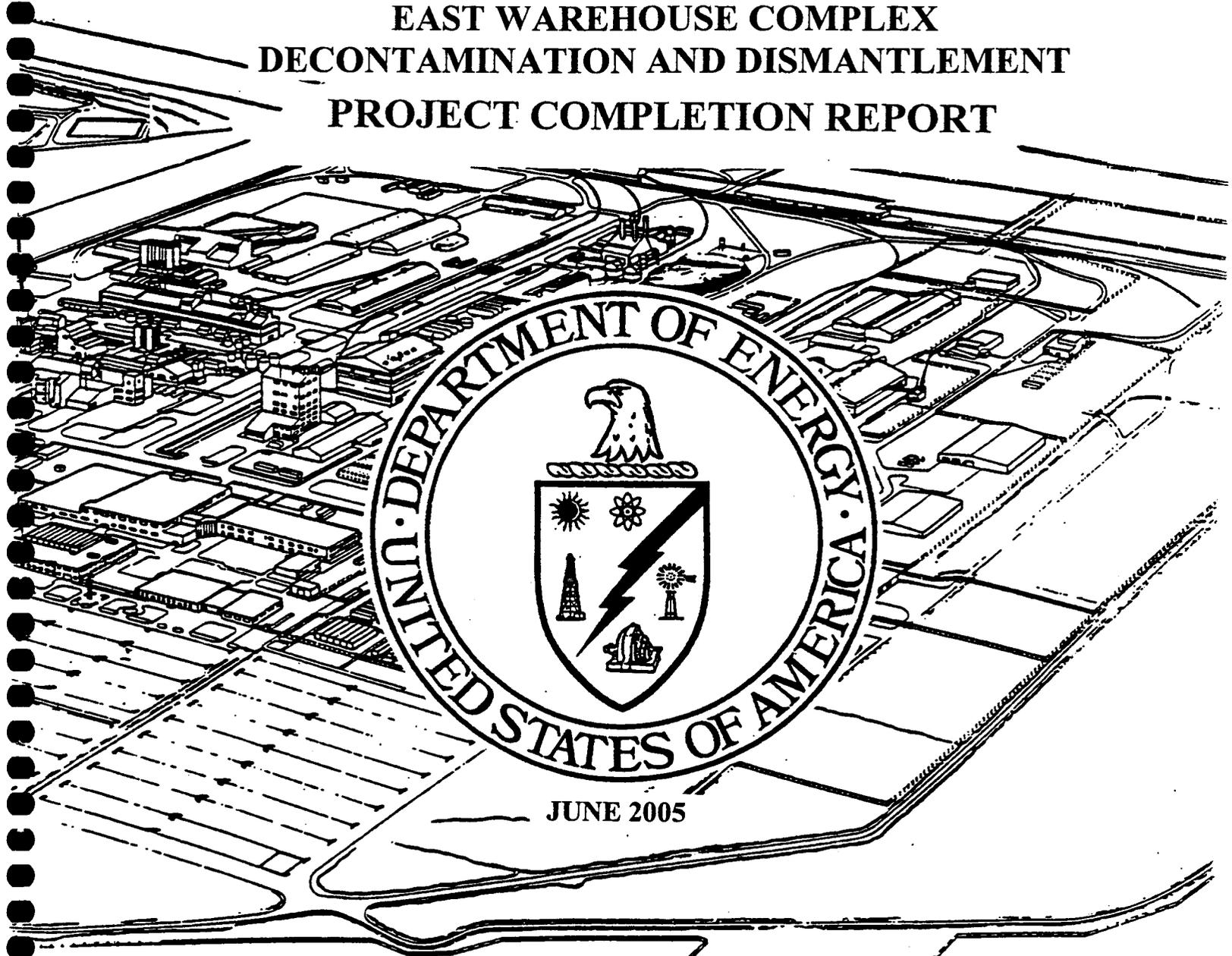
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**OPERABLE UNIT 3
EAST WAREHOUSE COMPLEX
DECONTAMINATION AND DISMANTLEMENT
PROJECT COMPLETION REPORT**



JUNE 2005

**FERNALD CLOSURE PROJECT
FERNALD, OHIO**

**U.S. DEPARTMENT OF ENERGY
FERNALD AREA OFFICE**

DOCUMENT CONTROL NO. 1763-RP-0002 (REV.0)

OPERABLE UNIT 3

PROJECT COMPLETION REPORT

EAST WAREHOUSE COMPLEX DECONTAMINATION AND DISMANTLEMENT



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EAST WAREHOUSE COMPLEX D&D
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1.0 PROJECT SUMMARY

The decontamination and dismantlement (D&D) of the above-grade East Warehouse Complex components was performed successfully and in accordance with the project planning/design requirements specified in the Plant 6/East Warehouse Complex Implementation Plan (DOE 1999). As required by the Implementation Plan, this document serves as the East Warehouse Complex D&D Project Completion Report. The Plant 6 Complex D&D Project Completion Report (DOE 2002) was approved in October 2002. Following completion of the last Operable Unit 3 (OU3) D&D Project, this report will be compiled with reports from all OU3 D&D projects to prepare the Final Remedial Action Report for OU3.

The execution of the East Warehouse Complex D&D project began on July 19, 2004 with the mobilization of the Fluor Fernald Self-Perform Group. Project completion was achieved on May 2, 2005 and is defined by the signed Final Acceptance/Turnover document that transfers the area to Fluor Fernald Facilities Management. This document signifies Completion of Field Activities per Section 4.2.4 of the OU3 Integrated RD/RA Work Plan.

The scope of the East Warehouse Complex D&D Project included the following major activities:

- Hazardous Waste Management Unit (HWMU) closure tasks;
- Asbestos abatement/removal;
- Surface decontamination;
- Above-grade component dismantlement; and
- Material management.

Section 2 presents a component-specific remediation summary. HWMU closure tasks are covered in Section 3. Material management is discussed in Section 4. The results of environmental monitoring conducted in support of this project are presented in Section 5.

The following components were included in the scope for D&D of the East Warehouse Complex:

- Component 20D - Elevated Potable Water Storage
- Building 77 - Finished Products Warehouse (4A Warehouse)
- Building 79 - Plant 6 Warehouse
- Building 82A - Receiving/Incoming Materials Inspection

1.1 Description of Complex

The components remediated under the scope of the East Warehouse Complex D&D project included the structures located east of "E" Street, west of Cell 8, north of the Main Electrical Switchyard and south of OMTA container staging area. The East Warehouse Complex is shown in Figure 1-1.

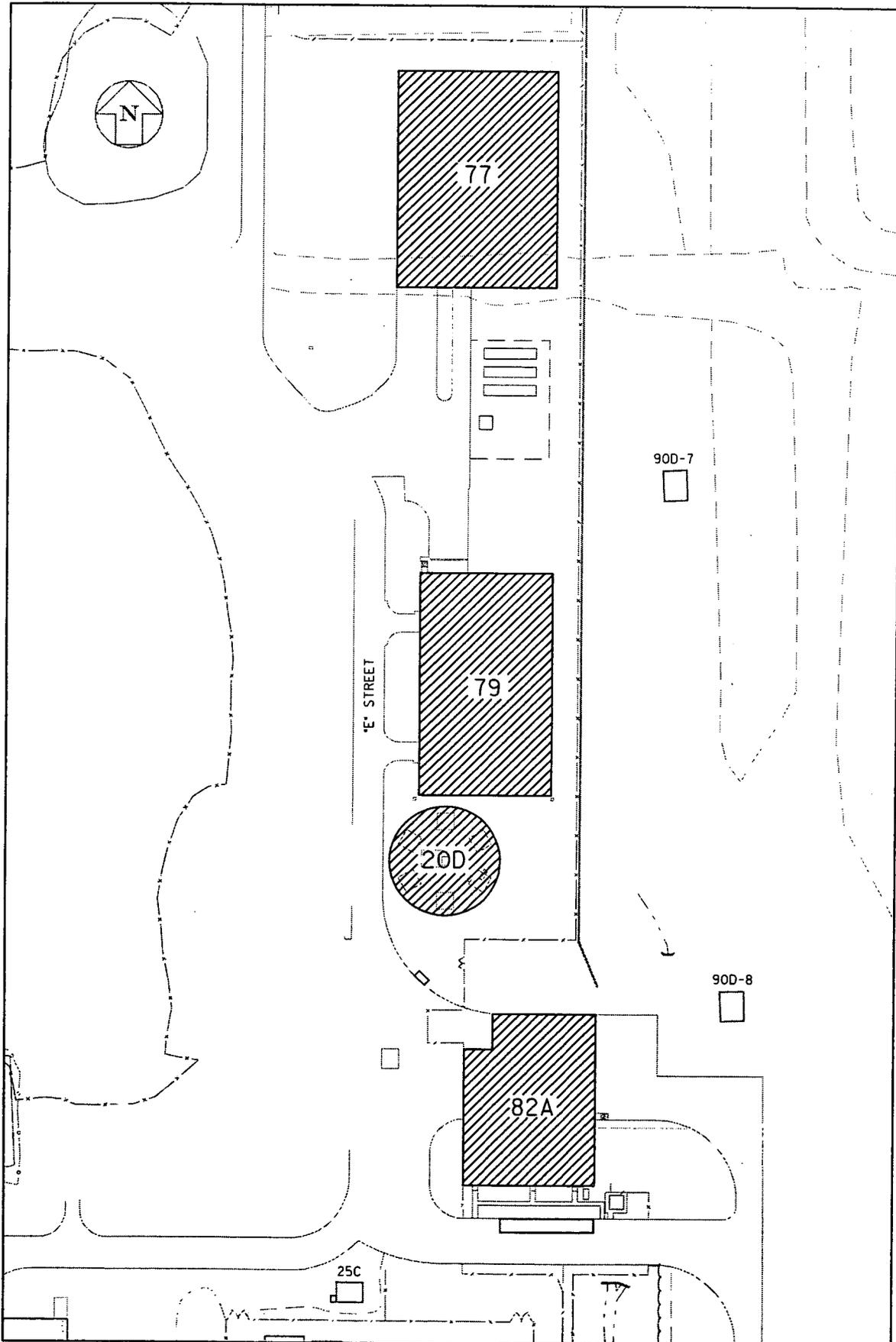


Figure 1-1 East Warehouse Complex

1.2 Project Chronology

Table 1-1 lists the chronology of above-grade D&D activities for the East Warehouse Complex:

TABLE 1-1 D&D Chronology

ACTIVITY	START	FINISH
Mobilization/Demobilization	7/19/04	5/2/05
Dismantlement:		
• Component 20D – Elevated Potable Water Storage	12/9/04	12/18/04
• Building 77 – Finished Products Warehouse	7/19/04	7/27/04
• Building 79 – Plant 6 Warehouse	11/17/04	12/1/04
• Building 82A – Receiving/Incoming Materials Inspection	4/11/05	4/19/05
Debris Size Reduction and Containerization:		
• Component 20D – Elevated Potable Water Storage		1/28/05
• Building 77 – Finished Products Warehouse		8/2/04
• Building 79 – Plant 6 Warehouse		12/2/04
• Building 82A – Receiving/Incoming Materials Inspection		4/29/05
Completion of Field Activities (CFA)		5/2/05

2.0 REMEDIATION APPROACH

2.1 Preparatory Actions

Safe Shutdown activities were performed by Fernald Closure Project (FCP) personnel and were completed for each of the East Warehouse Complex structures just prior to demolition activities. Safe Shutdown activities consisted of:

- Removal of all salvageable equipment;
- Removal of loose, gross contamination;
- Drainage of the water tower;
- General clean-up; and
- Disconnection of all utilities

2.2 Component-Specific Remediation Summary

2.2.1 Component 20D – Elevated Potable Water Storage

Background

Component 20D, (Elevated Potable Water Storage), was a steel water storage tank elevated by a steel support to 138 feet above grade. Component 20D had a maximum storage capacity of 210,000 gallons and was utilized to store water for onsite fire protection and other potable uses. Component 20D received water from Well Houses 1, 2 and 3 (Buildings 20E, 20F & 20G respectively).

Remedial Tasks

A twenty-foot section of the Component 20D standpipe was removed. Rigging was then hooked up to Component 20D and approximately one dozen torch cuts were made to the



Component 20D structure. A CAT D8 dozer was used to pull Component 20D over to the ground. A hydraulic shear was used to dismantle and size reduce the remains of Component 20D. Materials generated during the dismantlement of Component 20D include structural and miscellaneous steel.

Photos

Photos 1 through 4 of Attachment 3 show the following activities for the D&D of Component 20D:

- 1 – Torch cutting activities.
- 2 – Razing of Component 20D.
- 3 – Razing of Component 20D.
- 4 – Component 20D debris.

2.2.2 Building 77 – Finished Products Warehouse

Background

Building 77, (Finished Products Warehouse), was a single-story, rectangular building measuring approximately 120 feet x 162 feet x 12 feet high. Building 77 consisted of a structural steel frame on a reinforced poured concrete base and floor with non-insulated, corrugated metal siding and roof.

Building 77 was used as a storage warehouse for flat uranium ingot products awaiting shipment and miscellaneous reject products. Building 77 was also used for interim storage of uranium materials waiting processing. In later years, Building 77 was used for storage of containers of enriched restricted materials.

Remedial Tasks

The Building 77 structure was dismantled using a hydraulic shear. Materials generated during the dismantlement of Building 77 included piping & conduit and structural & miscellaneous steel.

Photos

Photos 5 and 6 of Attachment 3 show the following activities for the D&D of Building 77:

- 5 – Building 77 demolition.
- 6 – Building 77 demolition.

2.2.3 Building 79 – Plant 6 Warehouse

Background

Building 79, (Plant Warehouse), was a single-level building measuring approximately 100 feet x 170 feet x 15 feet in height. Building 79 consisted of a structural steel frame with non-insulated, corrugated metal siding and roofing on a poured concrete base and floor. Building 79 was divided into three bays that were separated by six-inch high concrete curbs. Building 79 operated as a HWMU since 1989.

Remedial Tasks

Remediation tasks for Building 79 included the HWMU #37 decontamination activity described in Section 3.1. The Building 79 structure was dismantled using a hydraulic shear. Materials generated during the dismantlement of Building 79 included piping & conduit and structural & miscellaneous steel.

Photos

There were no photos available of the Building 79 demolition activity.

2.2.4 Building 82A – Receiving/Incoming Materials Inspection

Background

Building 82A, (Receiving/Incoming Materials Inspection), was a single-level building measuring approximately 100 feet x 100 feet x 17 feet in height. Building 82A consisted of a structural steel frame, metal siding and roofing on a reinforced concrete base.

Building 82A was used to accept and examine the non-radioactive materials and supplies that arrived routinely at the site. There were offices and receiving equipment in the building.

Remedial Tasks

The Building 82A structure was dismantled using a hydraulic shear. Materials generated during the dismantlement of Building 82A included equipment, piping & conduit, and structural & miscellaneous steel.

Photos

Photos 7 and 8 of Attachment 3 show the following activities for the D&D of Building 82A:

- 7 – Building 82A demolition.
- 8 – Building 82A demolition.

3.0 HWMU CLOSURE TASKS

3.1 HWMU #37 – Plant 6 Warehouse

The Plant 6 Warehouse was classified as a HWMU (HWMU No. 37) because it had been used to store RCRA hazardous wastes (characteristic and listed) for greater than ninety days (OAC 3745-66-70 and 40 CFR 265.170).

Facility records document that 117 spills of hazardous waste had occurred in this HWMU. These records indicate that the spills occurred after the application of the sealant coatings to the three bay containment areas; they were low volumes (the total quantity of waste released from these spills was approximately 33 gallons); and they were promptly cleaned up. The largest quantity of waste spilled was nineteen gallons of sludge characterized as D005 (barium) and D008 (lead) that occurred in 1989. Two spills involving a total quantity

of two ounces of PCB wastes have been documented for this unit. These spills were also promptly cleaned up.

Contaminants of concern relating to the Plant 6 Warehouse included arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, benzene, carbon tetrachloride, chlorobenzene, cresol, chlordane, 1,4-dichlorobenzene, pyridine, hexachlorobutadiene, hexachlorobenzene, 1,2-dichloroethane, 1,1-dichloroethylene, 2,4-dinitrotoluene, hexachloroethane, nitrobenzene, 2,4,6-trichlorophenol, tetrachloroethylene, trichloroethylene, vinyl chloride and methyl ethyl ketone.

The HWMU #37 decontamination activity included both a dry and wet vacuuming process. Each bay containment area was dry vacuumed using a shop vacuum with HEPA filtration to remove surface residues. Each bay containment area was then water rinsed using a high-pressure washer. Rinseate was contained within the six-inch high concrete curb, wet-vacuumed and containerized in three 55-gallon drums. Table 3-1 shows the analytical results confirmed compliance with OEPA Closure Guidance Standards for HWMU #37.

TABLE 3-1: HWMU #37 - ANALYTICAL RESULTS

CONSTITUENT	CLOSURE GUIDANCE LIMIT (PPB)	PLANT 6 WAREHOUSE BAY 1 (PPB)	PLANT 6 WAREHOUSE BAY 2 (PPB)	PLANT 6 WAREHOUSE BAY 3 (PPB)
Arsenic	750	5.97	5.33	8.03
Barium	1000	85.4	48.5	226
Cadmium	75	1.94	Non-detectable	6.27
Chromium	1000	103	40.6	132
Lead	600	206	46.5	461
Mercury	30	.312	.368	2.4
Selenium	750	4.31	6.13	9.12
Silver	1000	Non-detectable	1.13	1.16
Benzene	75	Non-detectable	1.01	Non-detectable
Carbon tetrachloride	75	Non-detectable	Non-detectable	Non-detectable
Chlorobenzene	1000	Non-detectable	Non-detectable	Non-detectable
Cresol	1000	Non-detectable	Non-detectable	11.4
Chlordane	3	Non-detectable	Non-detectable	Non-detectable
1,4-Dichlorobenzene	1000	Non-detectable	Non-detectable	Non-detectable
Pyridine	1000	Non-detectable	Non-detectable	Non-detectable
Hexachlorobutadiene	1000	Non-detectable	Non-detectable	Non-detectable
Hexachlorobenzene	15	Non-detectable	Non-detectable	Non-detectable
1,2-Dichloroethane	75	Non-detectable	Non-detectable	Non-detectable
1,1-Dichloroethylene	105	Non-detectable	Non-detectable	Non-detectable
2,4-Dinitrotoluene	1000	Non-detectable	Non-detectable	Non-detectable
Hexachloroethane	1000	Non-detectable	Non-detectable	Non-detectable
2,4,6-Trichlorophenol	1000	Non-detectable	Non-detectable	Non-detectable
Tetrachloroethylene	75	Non-detectable	Non-detectable	Non-detectable
Nitrobenzene	1000	Non-detectable	Non-detectable	Non-detectable
Trichloroethylene	75	Non-detectable	Non-detectable	Non-detectable
Vinyl Chloride	30	Non-detectable	Non-detectable	Non-detectable
Methyl Ethyl Ketone	1000	23.2	36.2	21.7

4.0 MATERIAL MANAGEMENT

Generated Debris

Debris generated from the D&D of the East Warehouse Complex Components was size reduced, segregated, and containerized in accordance with the requirements identified by the Material Segregation and Containerization Criteria (MSCC).

Containerized materials requiring disposal at an off-site facility are presented in Table 4-1. This information is identified in the Site-wide Waste Information Forecasting and Tracking System (SWIFTS) database report, shown as Attachment 1. SWIFTS provides reports that track contaminated materials that will be disposed of at an off-site facility.

Containerized materials that either have, or will be, disposed of in the FEMP On Site Disposal Facility (OSDF) are presented in Table 4-2. This information is identified in the Integrated Information Management System (IIMS) report, shown as Attachment 2. IIMS reports represent activities associated with materials generated by the project that either have been or are destined for disposition in the OSDF.

Wastewater

The collection and disposition of wastewater is detailed in Section 5.1.

TABLE 4-1 Drums And White Metal Boxes For Offsite Shipment

Material Description	Material Description Code	Number of Containers
Tires (Roll-off Box) 10 cubic yards	None	1
Contaminated Oil (85 Gallon Drums)	015	1
TOTAL		1

* Building 82A debris which totaled 1140 cubic yards was radiologically free - released to a sanitary landfill.

TABLE 4-2 Waste Containers For Placement In The OSDF

Container Type	Debris Category	Profile	OSDF Code	Volume (cu. yds.)	Number of Containers
ADT	A, B, D & E	92101	2	704	40
ADT	A, B, D & E	92046	2	648	36
ADT	A, B, D & E	92000	2	200	12
ADT Total				1552	88

ADT - Articulating Dump Truck

5.0 ENVIRONMENTAL MONITORING

Project-specific environmental monitoring for the East Warehouse Complex D&D Project included wastewater monitoring and radiological air monitoring.

5.1 Wastewater Monitoring

Treatment of Aqueous Waste

A total of 75 gallons of rinse water was generated under the HWMU #37 - Plant 6 Warehouse decontamination task. This rinse water was accumulated in three 55-gallon drums each containing 25 gallons. The rinse water was analyzed for arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, benzene, carbon tetrachloride, chlorobenzene, cresol, chlordane, 1,4-dichlorobenzene, pyridine, hexachlorobutadiene, hexachlorobenzene, 1,2-dichloroethane, 1,1-dichloroethylene, 2,4-dinitrotoluene,

hexachloroethane, nitrobenzene, 2,4,6-trichlorophenol, tetrachloroethylene, trichloroethylene, vinyl chloride and methyl ethyl ketone to assure NPDES compliance. After review of the analytical data, the effluent was transferred to the FCP waste water treatment system where it was managed in accordance with the effluent handling procedures and discharged in accordance with the FCP's NPDES permit.

5.2 Radiological Air Monitoring

Air Monitoring Data Recorded at FCP Boundary

The IEMP environmental radiological air emissions data from the monitoring period of July 2004 through May 2005 indicated sporadic, short-term increases in fence line airborne uranium concentrations. The increases, which may be attributable to emissions from the D&D of the East Warehouse Complex, are within the historical range of concentrations measured during previous D&D projects. Airborne uranium concentrations at the FCP boundary are influenced by emissions from all site projects, work activities and wind erosion of contaminated soils and materials.

Historical fence line data collected during similar D&D projects (Plants 1, 4, 7, and 9) indicate uranium concentrations averaged less than one half of one percent of the DOE maximum off-site guideline of 0.1 pCi/m³. During the monitoring period of July 2004 through May 10, 2005, the average uranium concentrations also indicated levels less than one half of one percent of the guideline. The maximum uranium concentration (at AMS-6) was 0.0016 pCi/m³, which represents less than two percent of the DOE maximum off-site guideline. The relationship between 0.1 pCi/m³ and mrem/year may be understood by the conversion factors used to equate the two terms; if inhaled continuously (24 hours/day, 365 days/year), 0.1 pCi/m³ of total uranium in air will result in a dose of 100 mrem/year. It should be noted that various assumptions have been incorporated in this conversion factor. The data from AMS-6 suggest that emissions from the East Warehouse Complex D&D have not significantly affected compliance with DOE guidelines. Furthermore, the emissions from the East Warehouse Complex D&D have not significantly affected compliance with NESHAP Subpart H limit of 10 mrem per year.

The locations of boundary (IEMP) fence line monitors are shown in Figure 4-1. The closest downwind monitors AMS-3, AMS-8A and AMS-9C (which historically show the maximum downwind values for the site) indicated average uranium air concentrations during the D&D Projects of 0.00014, 0.00012, and 0.00014 pCi/m³ respectively. These concentrations represent less than 0.3 percent of the 0.1 pCi/m³ guideline and are within historical ranges of similar D&D projects.

5.3 Area Monitoring for Asbestos

The Component 20D (Elevated Potable Water Storage) standpipe was insulated with a layer of foam glass beneath a thin layer of non-friable construction mastic that was sealed with a metal jacket exterior. The two-layer insulation and metal jacket exterior remained on the standpipe during removal of a twenty-foot section and the ensuing demolition (razing) of Component 20D. Once on the ground, the standpipe was stripped of the two-layer insulation and metal jacket exterior as part of the Component 20D size reduction activity.

Three air samples were collected around the perimeter work area during the Component 20D size reduction activity. All air sample results were less than 0.004 f/cc which is below the Ohio Department of Health criteria of 0.01 f/cc for areas outside asbestos work areas.

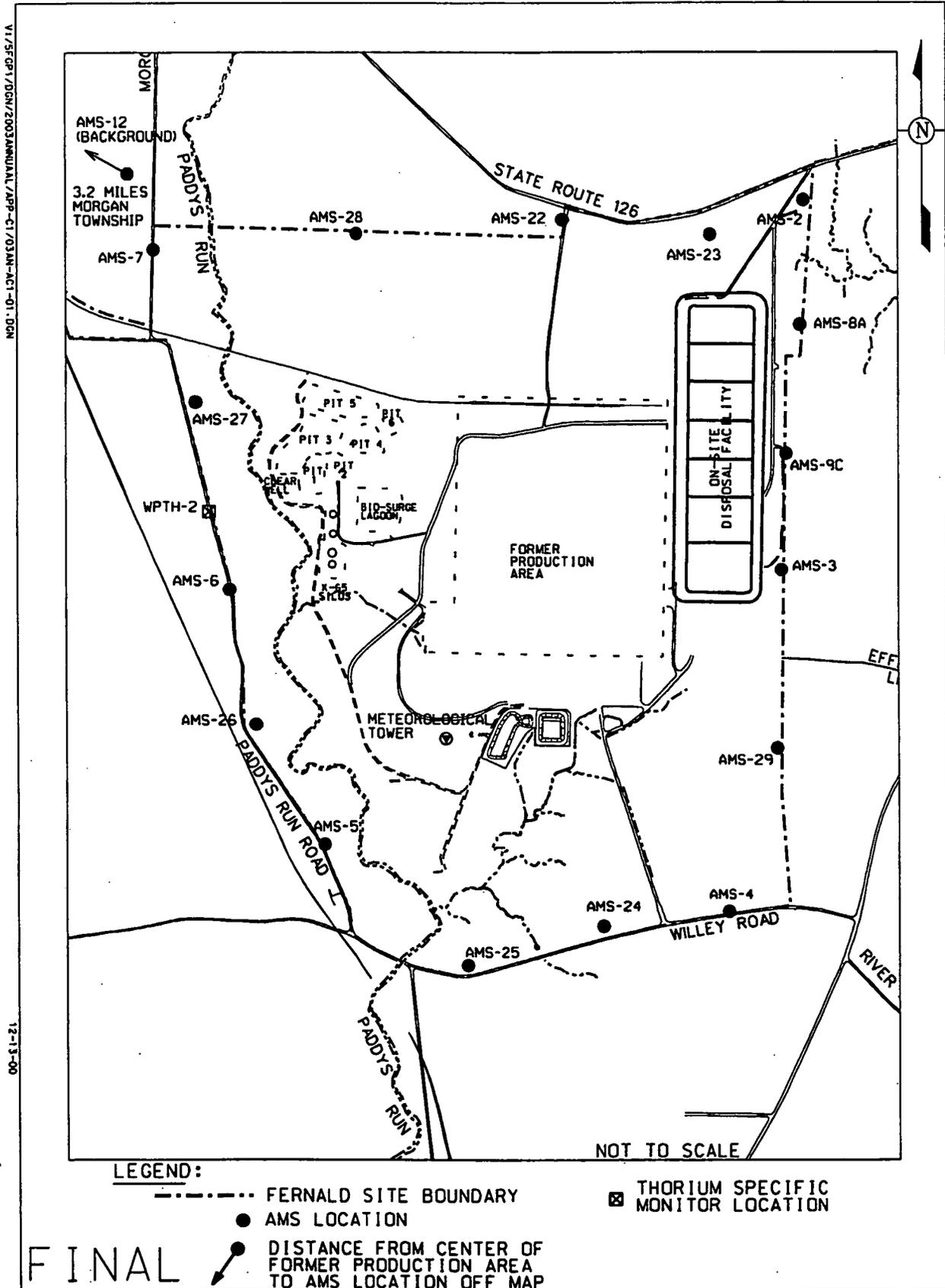


Figure 5-1 FCP Site-wide Air Monitoring Locations

ATTACHMENT 1

**SWIFTS INFORMATION
(SITE-WIDE INFORMATION FORECASTING AND TRACKING SYSYTEM)**

ATTACHMENT 2

**IIMS INFORMATION
(INTEGRATED INFORMATION MANAGEMENT SYSTEM)**

From To

Form No	Project	Profile No	Profile Description	Location From: MTL Name	Type	Location To: MTL Name	Type	Volume	Date
32855	533	92046	BUILDING 79 HWMU # 37 DEBRIS	EWD-001	F	AR6-002	I	540	01-DEC-2004
32859	533	92046	BUILDING 79 HWMU # 37 DEBRIS	EWD-001	F	AR6-002	I	108	02-DEC-2004
32354	533	92000	OSDF CATEGORY 2 MATERIAL	EWD-001	F	A3A-017	S	200	26-JAN-2005
32859	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	A3A-017	S	80	02-DEC-2004
32354	533		TIRES	EWD-001	F	AR6-006	S	10	26-JAN-2005
197337	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197468	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197469	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197470	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197471	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197472	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197473	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197474	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
197475	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
198129	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
198838	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
198839	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
198849	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
199725	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
199958	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
199959	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
199960	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
199961	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
199964	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280803	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280804	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280805	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280806	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280807	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280808	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280809	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280810	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280811	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280812	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280813	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280814	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280815	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280816	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004
280817	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	28-JUL-2004

Form No	Project	Profile No	Profile Description	Location From : MTL Name	Typ	Location To : MTL Name	Typ	Volume	Date
280818	533	92101	COMINGLED CATEGORY 'A', 'B', 'D' AND INCIDENTAL 'E' DEBRIS (OSDF CAT. 2)	EWD-001	F	OSDF	W	18	29-JUL-2004
31689	533	92046	BUILDING 79 HMMU # 37 DEBRIS	AR6-002	I	AR6-017	S	648	11-JAN-2005

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ATTACHMENT 3

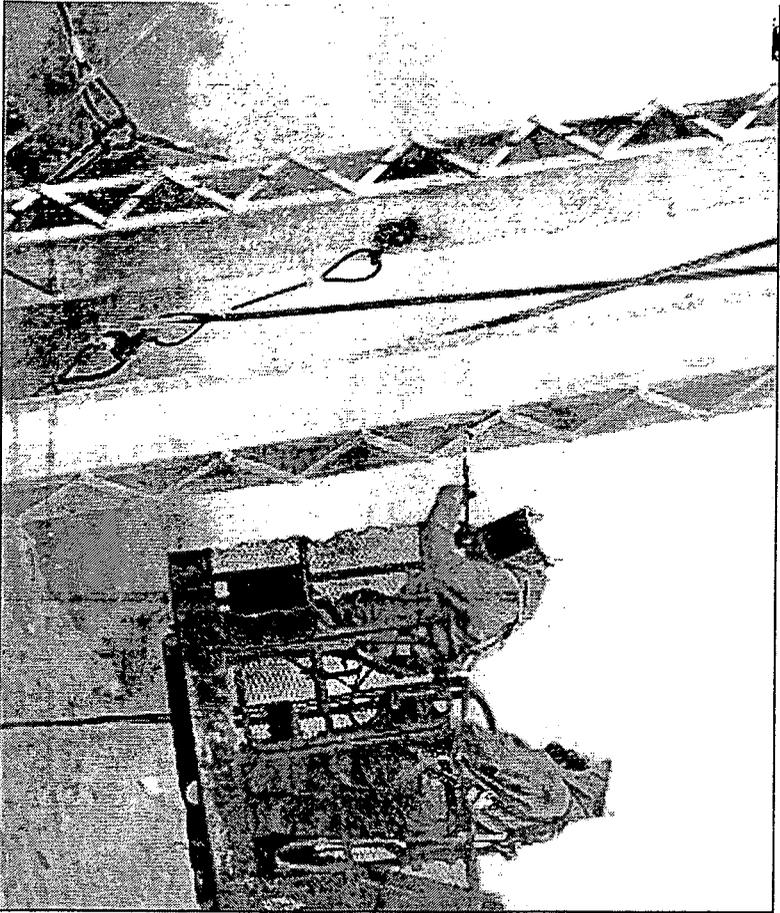
PHOTOS

5997

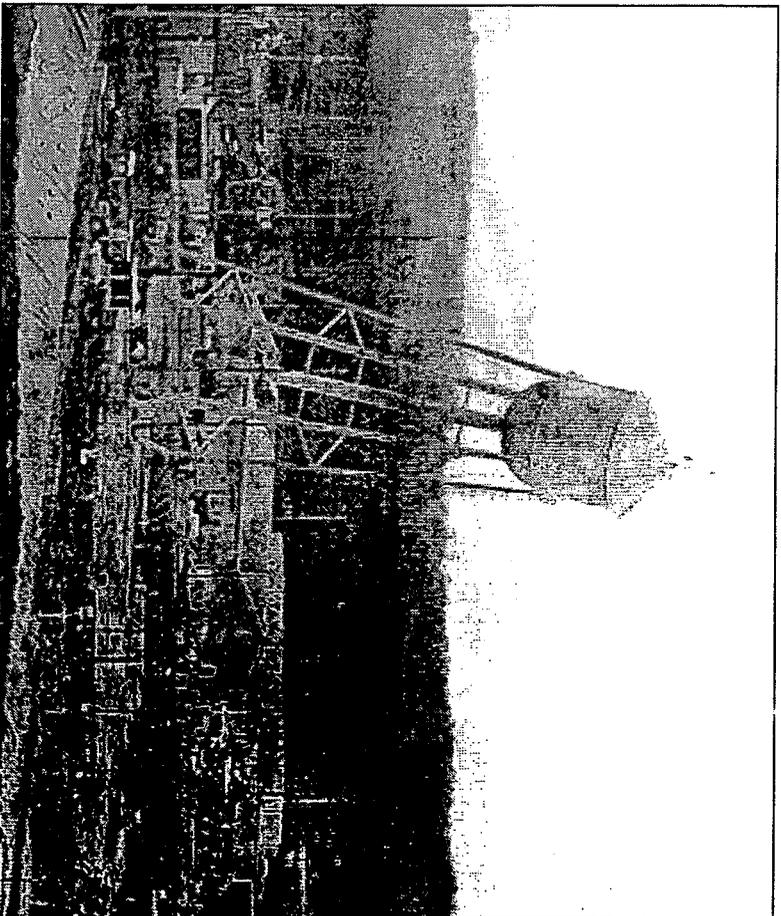
Photo No.	Roll-Negative No.	Description
1	7177D-511	Component 20D torch cutting activities.
2	7177D-516	Component 20D razing.
3	7177D-518	Component 20D razing.
4	7177D-525	Component 20D debris.
5	7177D-221	Building 77 demolition.
6	7177D-224	Building 77 demolition.
7	7177D-560	Building 82A demolition.
8	7177D-562	Building 82A demolition.

5997

TORCH CUTTING ACTIVITIES AND RAZING
COMPONENT 20D

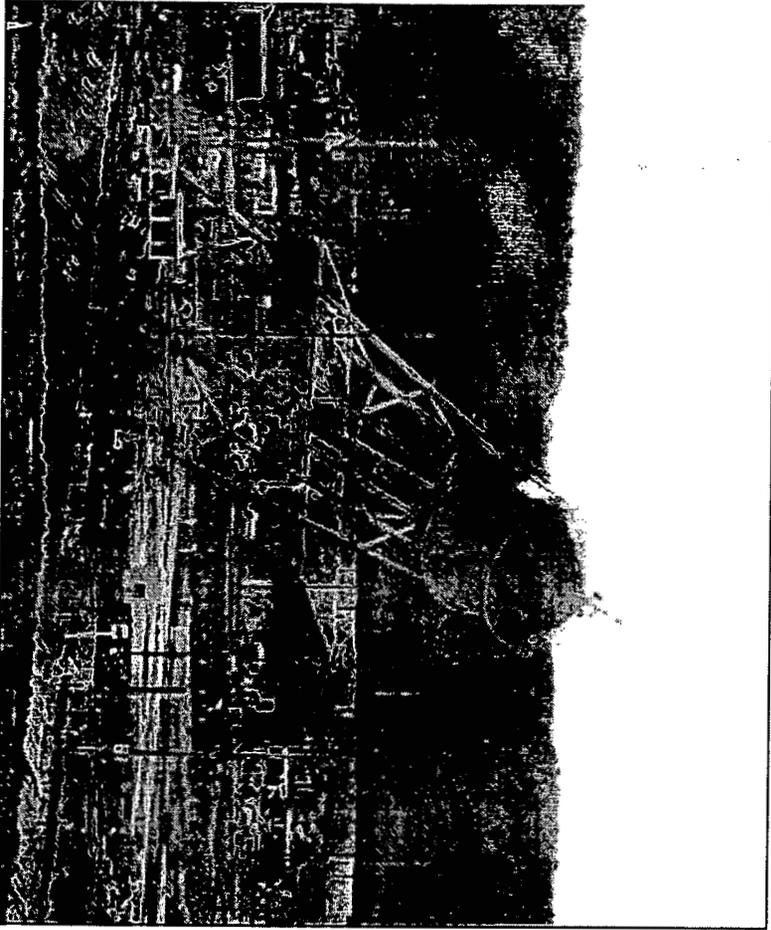


7177D-511



7177D-516

**RAZING AND DEBRIS
COMPONENT 20D**



7177D-518

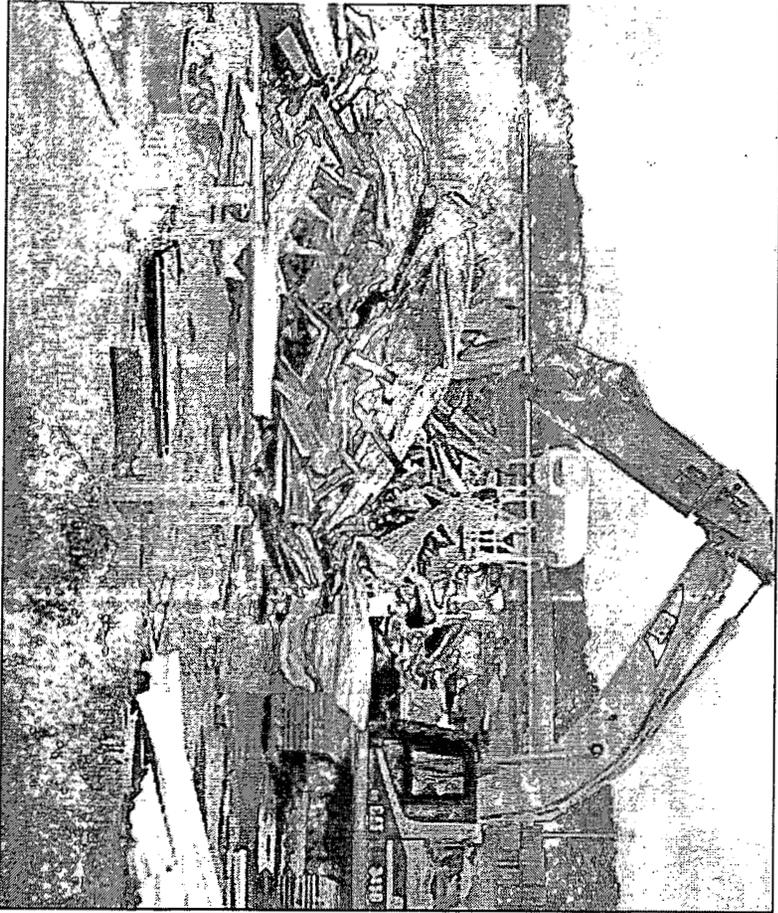


7177D-525

925
929
934

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DEMOLITION
BUILDING 77

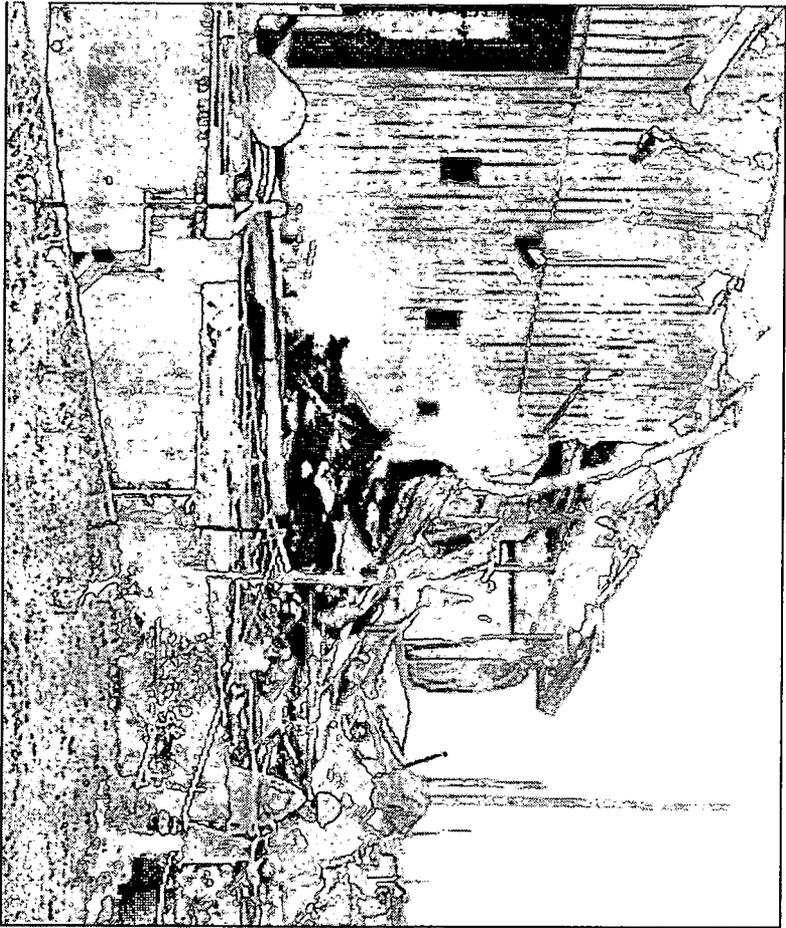


7177D-221



7177D-224

DEMOLITION
BUILDING 82A



7177D-560



7177D-562

8372.4 05/05



