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**U.S. DEPARTMENT OF ENERGY FERNALD ENVIRONMENTAL MANAGEMENT
PROJECT FEBRUARY 25, 1992 COMMUNITY MEETING**

02/25/1992

1
AGENDA



**U.S. DEPARTMENT OF
FERNALD ENVIRONMENTAL MANAGEMENT PROJECT**

FEBRUARY 25, 1992

2930

COMMUNITY MEETING

6:00 - 7:00 p.m. EXHIBITS

7:00 - 9:30 p.m. GROUP MEETING

Opening Remarks	Robert Tiller
DOE Site Office Overview	Gerald Westerbeck
Status of Cleanup	Jack Craig

PUBLIC FORUM: Gerald Westerbeck

**U.S. EPA Comments
Ohio EPA Comments
FRESH Comments**

GROUP QUESTIONS AND ANSWERS

After Meeting -- Exhibit Reopens

INTRODUCTION

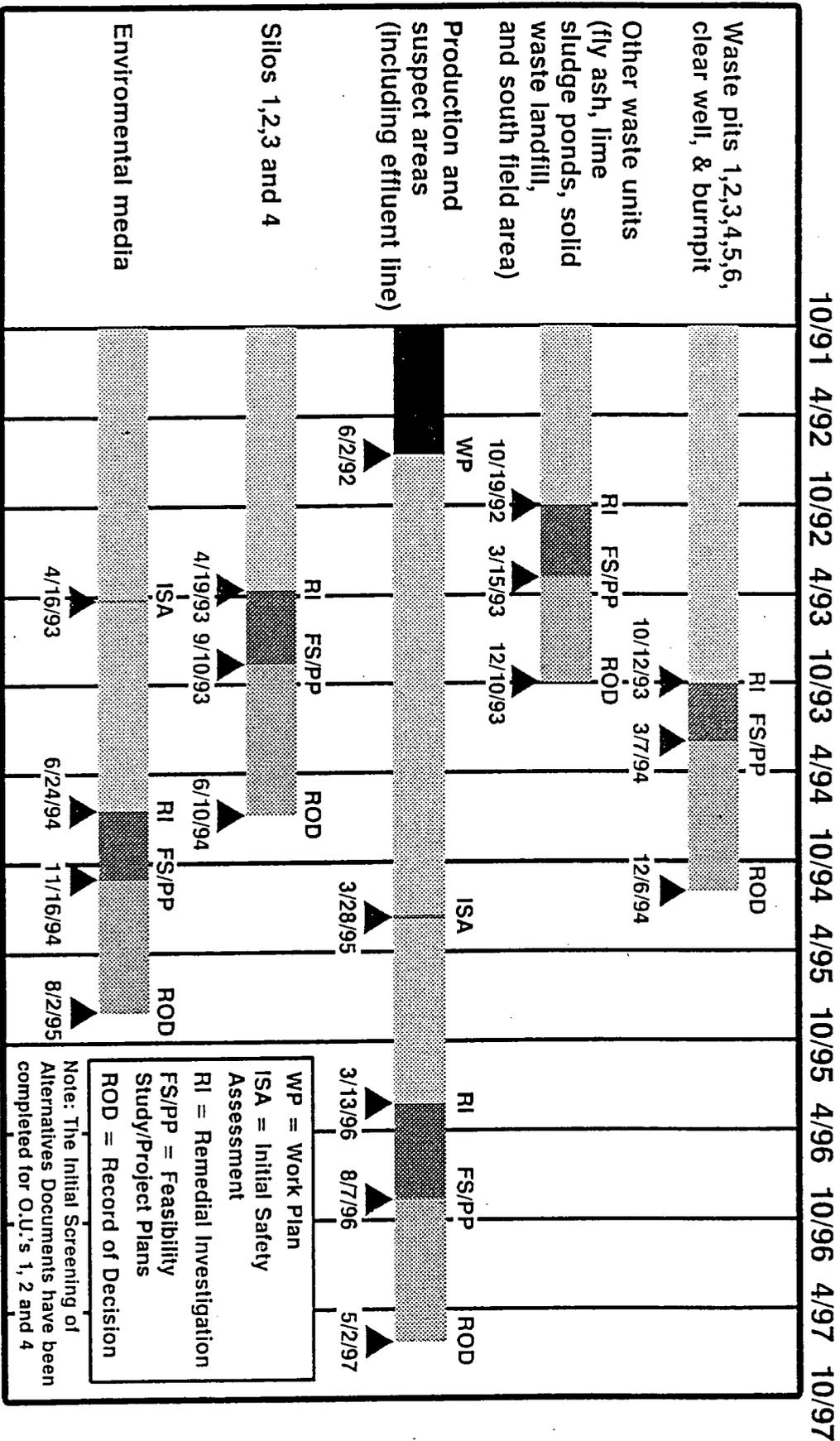
- Operable Unit RI/FS Review
- Removal Actions

*Jack Cray's
bookends -
from WEMCO*

RI/FIS

- **Operable Units _____**
 - **Background Information/New Definition**
 - **Status of Field Work**
- **Other RI/FIS Activities**
 - **RI/FIS Treatability Studies**

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT SCHEDULE OF RI/FS ACTIVITIES



Note: The Initial Screening of Alternatives Documents have been completed for O.U.'s 1, 2 and 4

WP = Work Plan
 ISA = Initial Safety Assessment
 RI = Remedial Investigation
 FS/PP = Feasibility Study/Project Plans
 ROD = Record of Decision

OPERABLE UNIT 1

- Waste Pits 1-6, clearwell, burn pit, berms, liners, and soil within the OU boundary as approved in the RI/FS Work Plan Addendum
- Status of Field Work
- Treatability Studies

OPERABLE UNIT 2

- Flyash piles, other South field disposal areas, lime sludge ponds, solid waste landfill, berms, liners, and soil within the OU boundary as approved in the RI/FS Work Plan Addendum
- Status of Field Work
- Treatability Studies

OPERABLE UNIT 3

- **Production Area and production-associated facilities and equipment (includes all above and below grade improvements), including, but not limited to, all structures, equipment, utilities, drums, tanks, solid waste, waste product, thorium, effluent lines, K-65 transfer line, wastewater treatment facilities, fire training facilities, scrap metal piles, feedstocks, and coal pile**

- **Documents**

OPERABLE UNIT 4

- Silos 1, 2, 3, and 4, berms, decant tank system, and soil within the OU boundary as approved in the RI/FS Work Plan Addendum
- Status of Field Work
- Treatability Studies

OPERABLE UNIT 5

- Groundwater (including site-wide perched groundwater), surface water, soil not included in the definitions of Operable Units 1-4, sediments, flora, and fauna
- Status of Field Work
- Treatability Studies

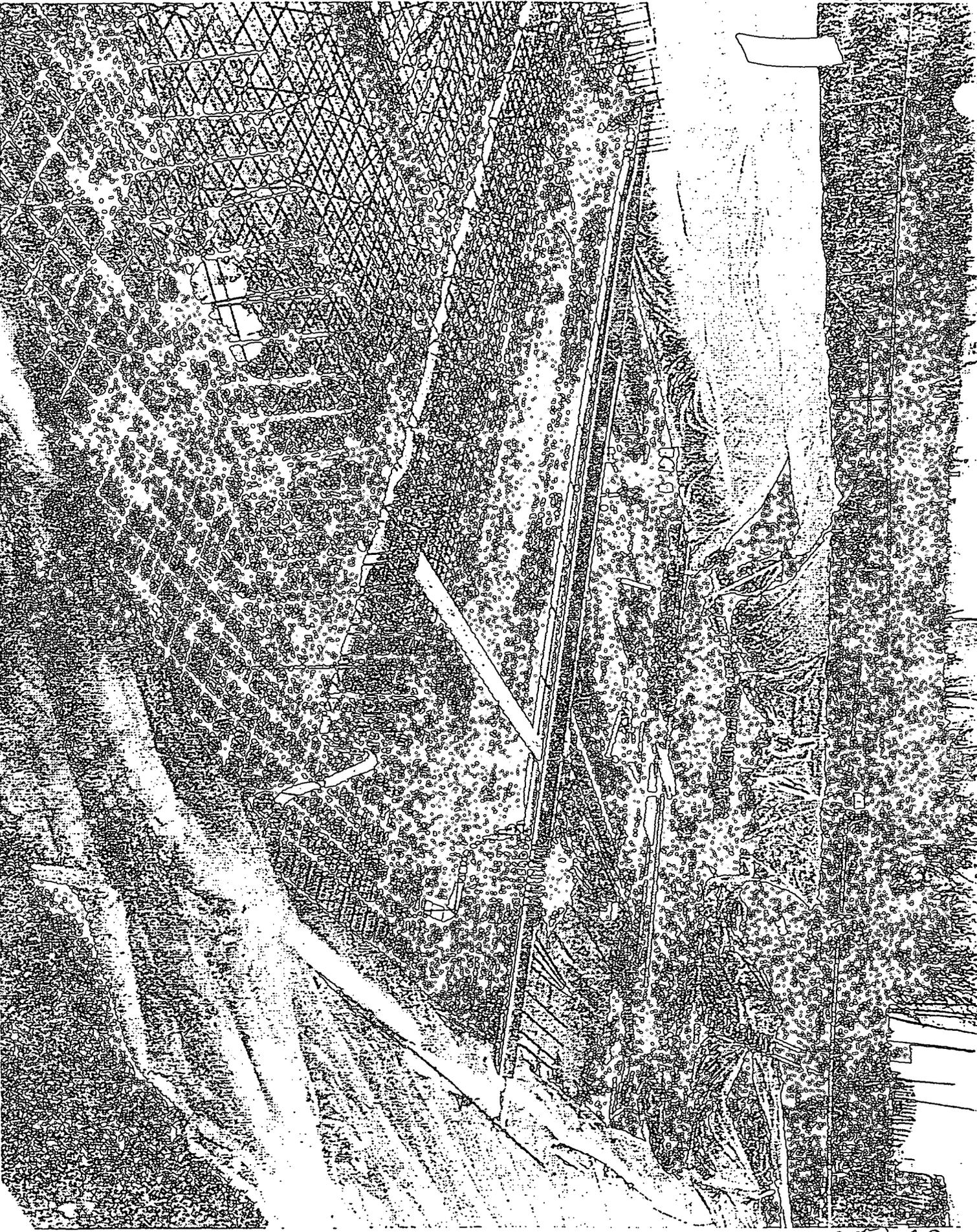
- **Risk Assessment Work Plan
Addendum**

- **Preliminary Site Characterization
Report**

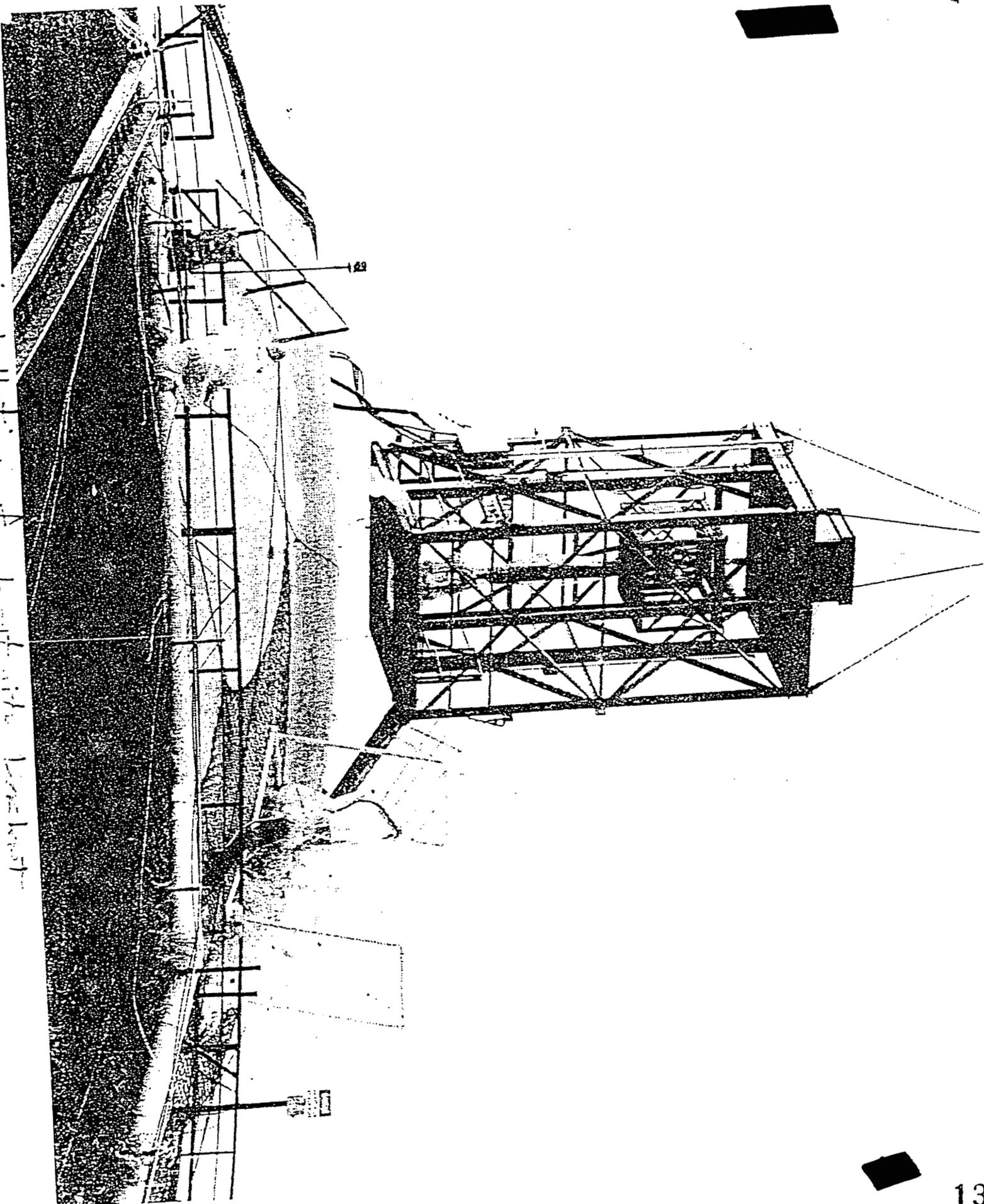
ONGOING REMOVAL ACTION STATUS UPDATE

- Perched Groundwater
- Waste Pit Area Runoff Control
- South Groundwater Contamination Plume
- K-65 Silos 1 and 2
- K-65 Decant Sump Tank

SE 1/4 Sec. 17, T. 14N, R. 10E, S. 17E, 1/4 Sec. 17, T. 14N, R. 10E, S. 17E, 1/4 Sec. 17, T. 14N, R. 10E, S. 17E

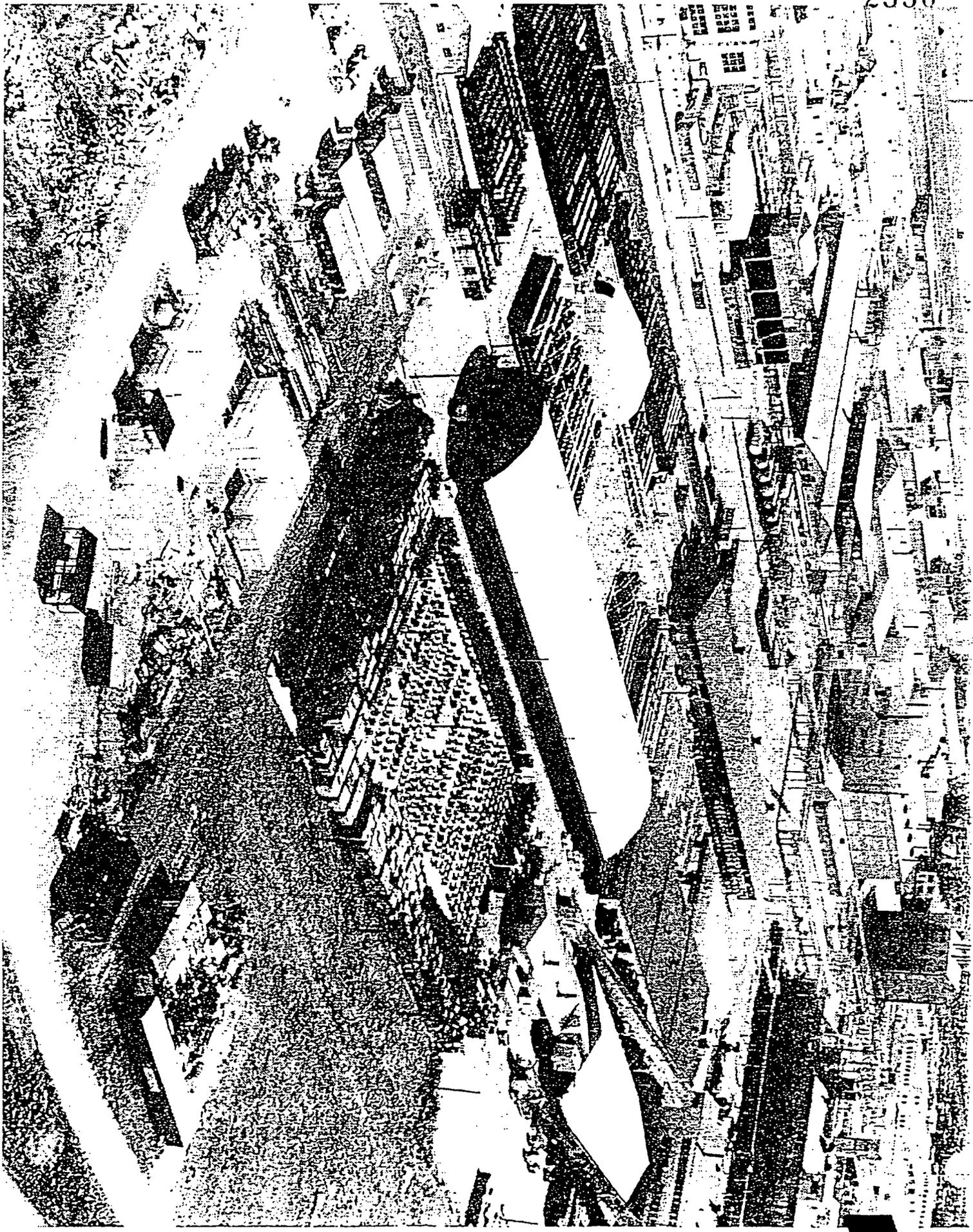


Installation of Land-side Lanes



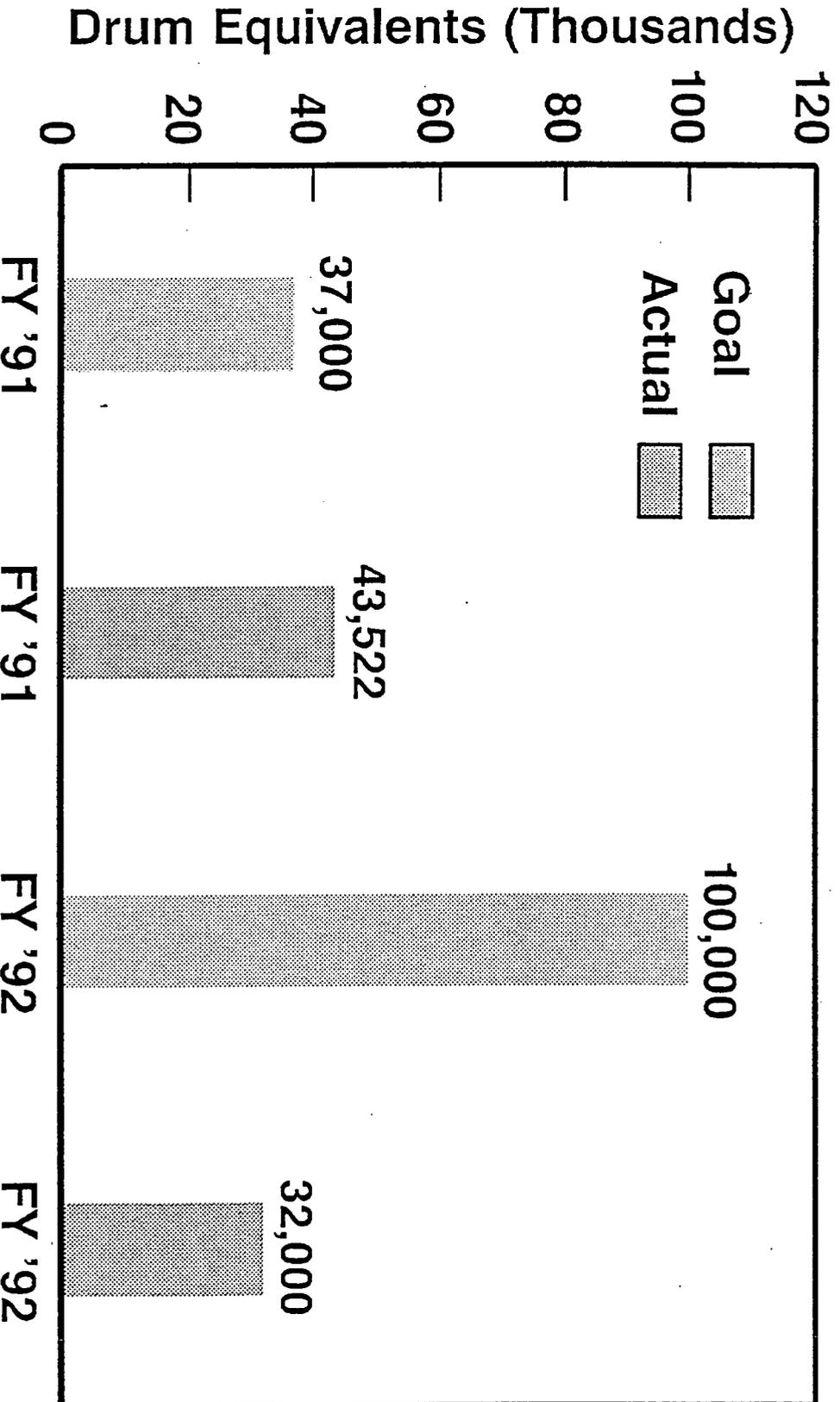
ONGOING REMOVAL ACTION STATUS UPDATE (CONT.)

- Waste Pit 6 Residues
- Plant 1 Pad Continuing Release
- Inactive Flyash Pile Control
- Removal of Waste Inventories
- Pit 5 Experimental Treatment Facility
- Safe Shutdown
- Expedited Silo 3 Dust Collector
- Uranyl Nitrate Stabilization



Latest Plant of Plant 1 Ford

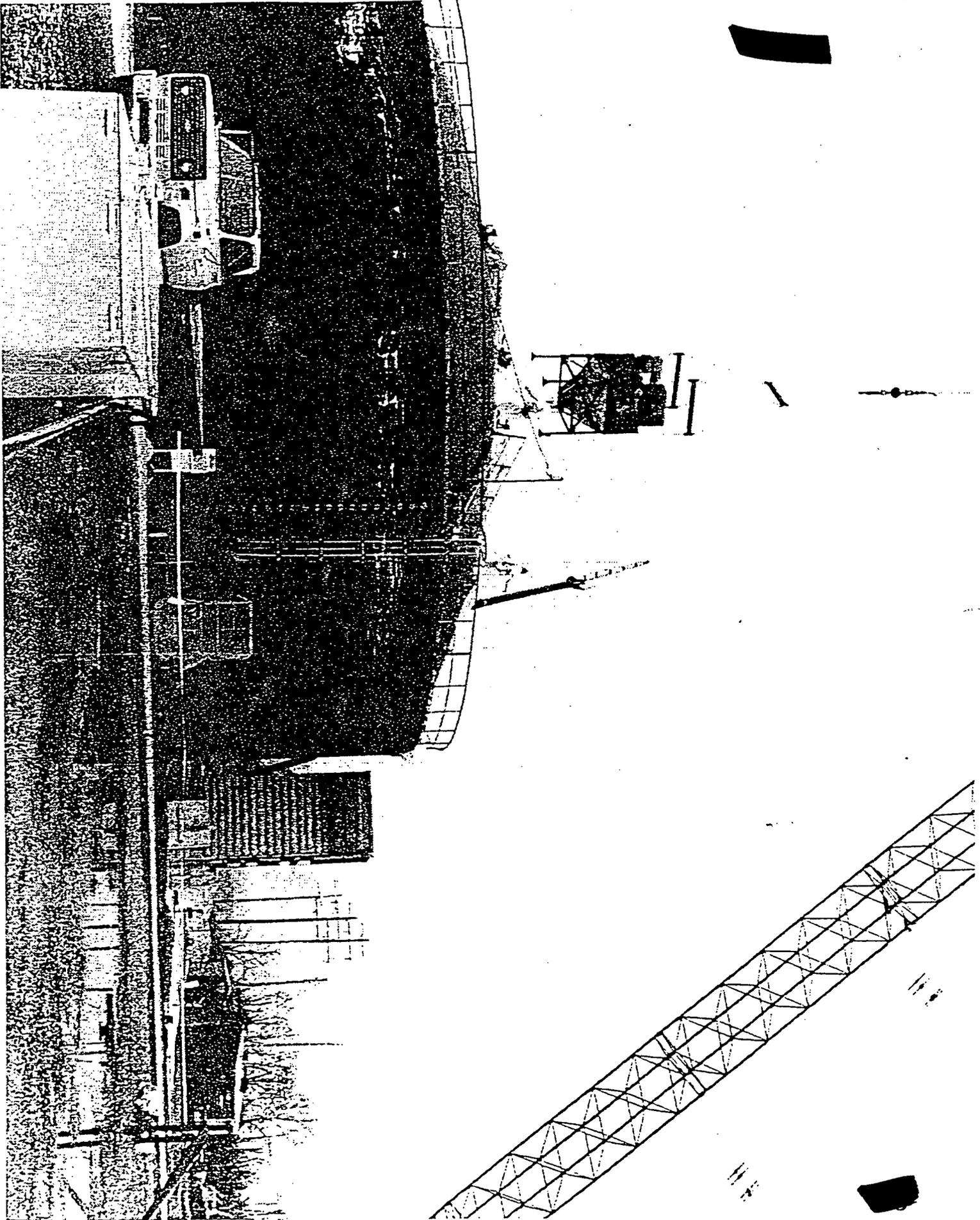
FEMP LOW-LEVEL WASTE SHIPMENTS



Note FY '92 Goal will include an additional 50,000 DES to be subcontracted.

WEMCO Graphics #1602.1 2/92

to ... of ...



PLANNED REMOVAL ACTIONS

- Active Flyash Pile
- Plant 1 Ore Silos
- Contaminated Soils Adjacent to Sewage Treatment Plant Incinerator
- Scrap Metal Piles
- Collect Uncontrolled Production Area Runoff
- Improved Storage of Soil and Debris
- Control Exposed Material in Pit 5

PROPOSED PHASE 3 REMOVAL ACTIONS

- **Waste Pit Area Containment Improvement**
- **Inactive Flyash Pile, Phase 2**
- **Pilot Plant Sump**
- **Nitric Acid Tank Car and Area**
- **Asbestos Removals**
- **Management of Contaminated Structures at
the FEMP**

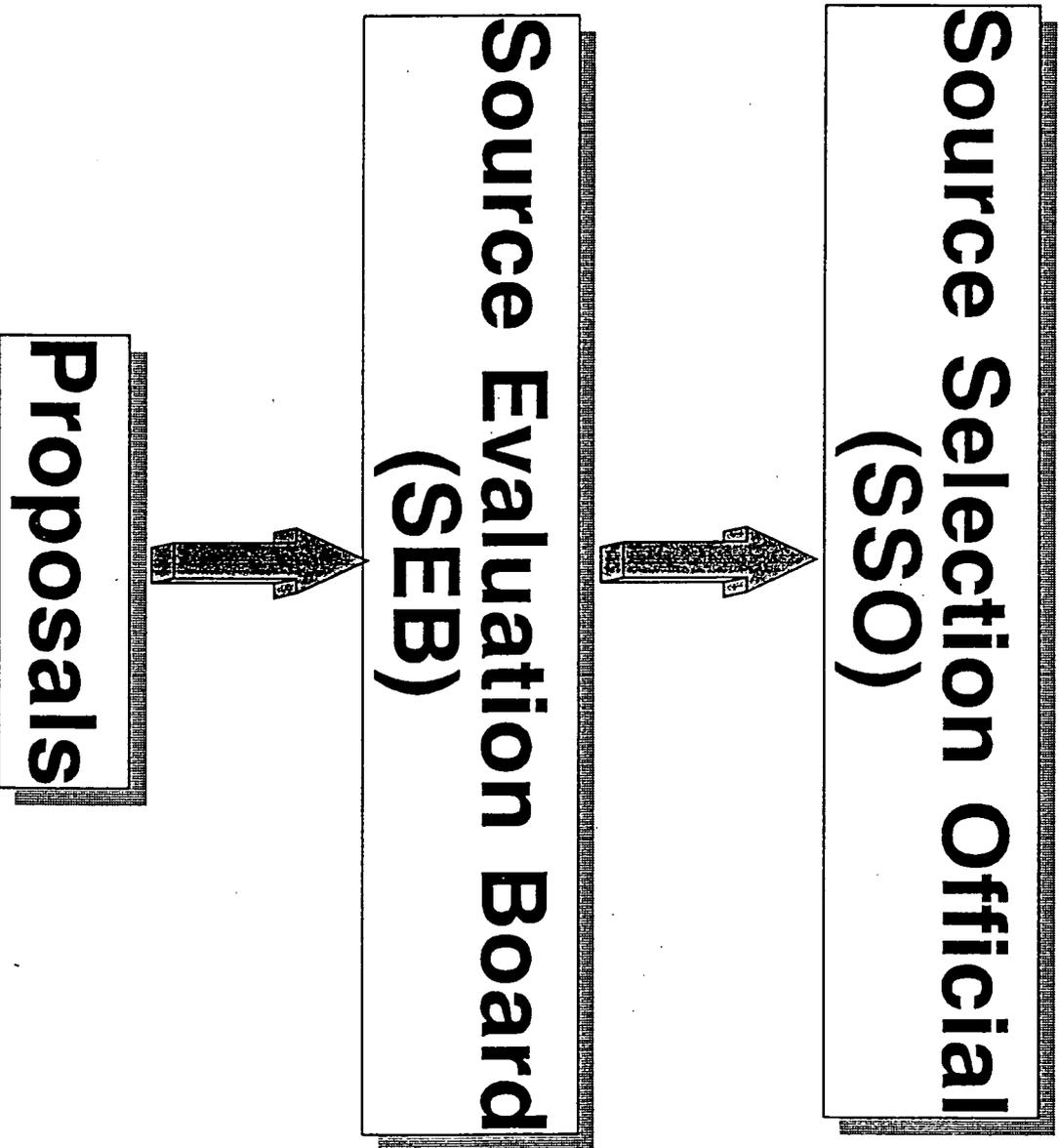
SUPPLEMENTAL ENVIRONMENTAL PROJECT

- **\$ 150,000 to Provide Cleanup on the Banks
of the Great Miami River**

Fernald Environmental Management Project

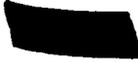
- Staffing Update
- ERM/C
- Coal Fire

Contract Selection Process



Fernald Environmental Management Project

- 1990 Environmental Monitoring Report
- Tiger Team Probe
- Public Water Study



Fernald Environmental Management Project



- Public Participation Initiative
- Training Programs
- Science Bowl