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**FEED MATERIALS PRODUCTION CENTER
UNDERGROUND STORAGE TANK PERMIT
APPLICATION**

06/06/89

**DOE-1121-89
DOE-ORO/OHIO DEPT. COMMERCE**



Department of Energy
Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831-

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June 6, 1989
DOE-1121-89

Mr. Billy J. Phillips, Chief
Ohio Department of Commerce
Division of State Fire Marshal
8895 E. Main Street
Reynoldsburg, Ohio 43068-3395

Dear Mr. Phillips:

FEED MATERIALS PRODUCTION CENTER UNDERGROUND STORAGE TANK PERMIT APPLICATION

Reference: Letter, Billy J. Phillips, Chief, Inspection Bureau, Division of State Fire Marshal, to Mark Krauss, Westinghouse Materials Company of Ohio, dated February 1, 1989

Enclosed please find an Underground Tank Permit Application for the removal of ten tanks at the Feed Materials Production Center (FMPC), located in Fernald, Ohio. This transmittal includes the State of Ohio Underground Tank Permit Application, the fifty dollar (\$50.00) application fee, a diagram of the FMPC production area showing tank locations and descriptions, a drawing showing the tank locations relative to FMPC lot lines, a drawing package showing the individual tank details, and the closure schedule for the tanks.

The number of tanks that are scheduled for removal under this permit is ten. However, in preparing this permit only nine tanks have been located on the drawings that are submitted. The tenth tank (Tank No. 4) is suspected to exist at the FMPC Plant 1 Truck Dock based on surface structures, but available historical drawings do not show the location of the tank. The surface structure may connect to an adjacent unit which would mean that Tank No. 4 does not exist at all. A final determination on the presence of this tank will not be made until the area is excavated. All ten out-of-service tanks will be removed from the ground.

The closure schedule attached was developed to include project authorization, design details, sampling of tank contents, excavation/removal of tanks, and soil sampling. The removals will be implemented in four phases. Each phase relates to a tank grouping in the production area.

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The (FMPC) is a Department of Energy facility located northwest of Cincinnati, Ohio. The facility refines and casts tonnage quantities of high quality uranium metal. This production capability is not available at any other facility in the United States. The uranium metal manufactured at the FMPC is essential feed material for the defense programs carried out at Department of Energy facilities. As a result of the uranium production, additional health and safety considerations are in effect in the Production areas. Since any inspections will be conducted in the area we would like the opportunity to discuss procedures and required training with you in advance of the scheduled inspections.

If there are any questions regarding the preparation of the Underground Tank Permit Application or scheduling of the inspection, please contact Jack Craig at (513) 738-6159 or FTS 774-6159.

Sincerely,


James A. Reafsnider
FMPC Site Manager

DP-84:Craig

Enclosures: I. Underground Tank Permit Application
II. Diagram of Underground Storage Tank Locations
III. Storage Tanks
IV. List of Drawings Submitted

cc (w/enclosure): M. J. Galper, WMCO
L. Sparks, DOE/ORO

cc (w/o enclosure): G. E. Baker, WMCO
L. Elikan, WMCO
J. T. Grumski, WMCO
S. W. Heisler, WMCO
J. P. Hopper, WMCO
S. G. Schneider, WMCO
A. M. Schwartzman, WMCO
G. Mitchell, OEPA-Dayton
J. Craig. DOE/FMPC
M. Wilson, DOE/ORO

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ENCLOSURE I

UNDERGROUND TANK PERMIT APPLICATION

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INFORMATION: Federal, State, and local laws govern the installation, operation, and abandonment of underground storage tanks (UST). The Ohio Fire Code requires a permit to be obtained when you are going to do any of the following: install, repair, or alter in any way a UST; modify or replace any piping connected to a UST; take a UST temporarily or permanently out of service; or place a UST back into service.

INSTRUCTIONS: TYPE OR NEATLY PRINT ALL REQUESTED INFORMATION. ENCLOSE \$50.00 APPLICATION FEE FOR EACH TANK LOCATION PERMIT. CHECK OR MONEY ORDER SHALL BE MADE PAYABLE TO: STATE FIRE MARSHAL. APPLICATION WILL NOT BE PROCESSED WITHOUT ACCOMPANYING FEE.

1. CHECK ONE:

TANK INSTALLATION _____
REPAIR OR ALTERATION OF TANK _____
MODIFY OR REPLACE PIPING _____

TANK OUT OF SERVICE (TEMPORARY) _____
PLACE TANK BACK INTO SERVICE _____
TANK OUT OF SERVICE (PERMANENT) _____
REMOVAL X ABANDON IN PLACE* _____
• Explain in full in Section 6.

2. TANK LOCATION:

Company Name: U.S. Department of Energy
Address: P. O. Box 398705
City: Cincinnati County: Hamilton
Phone: (513) 738-6200
Contact Person: Jack R. Craig

3. OWNER INFORMATION:

Name: U. S. Department of Energy
Address: P. O. Box 398705
City: Cincinnati State: Ohio
Zip Code: 45239-8705
Phone: (513) 738-6200

4. LOCAL JURISDICTION:

Fire Department: Crosby Township
Address: 6985 River Road
City: New Baltimore Zip: 45233
Phone: (513) 385-8338

5. NATURE OF BUSINESS:

Requested Date of Inspection: June 28, 1989 Three week's notice is required.
Contractor Information:
Name: Not currently available. Information will be provided when contract is awarded.
Address: _____
City: _____ State _____ Zip: _____
Contact Person: _____ Phone: () _____

6. DESCRIPTION OF WORK TO BE COMPLETED: Ten underground storage tanks in four different locations within the Feed Materials Production Center Process Area will be removed from the ground.

7. Sketch of facility showing all tanks and piping including existing tanks, piping, distance from lot lines, and distance from any buildings MUST be attached to application to be processed.

8. SEND COPIES #1 AND #2 TO: DIVISION OF STATE FIRE MARSHAL, INSPECTION BUREAU, 8895 EAST MAIN STREET, REYNOLDSBURG, OHIO 43068-3399. SEND COPY #3 TO: FIRE DEPARTMENT WITH JURISDICTION OVER TANK LOCATION. RETAIN COPY #4 FOR YOUR RECORDS.

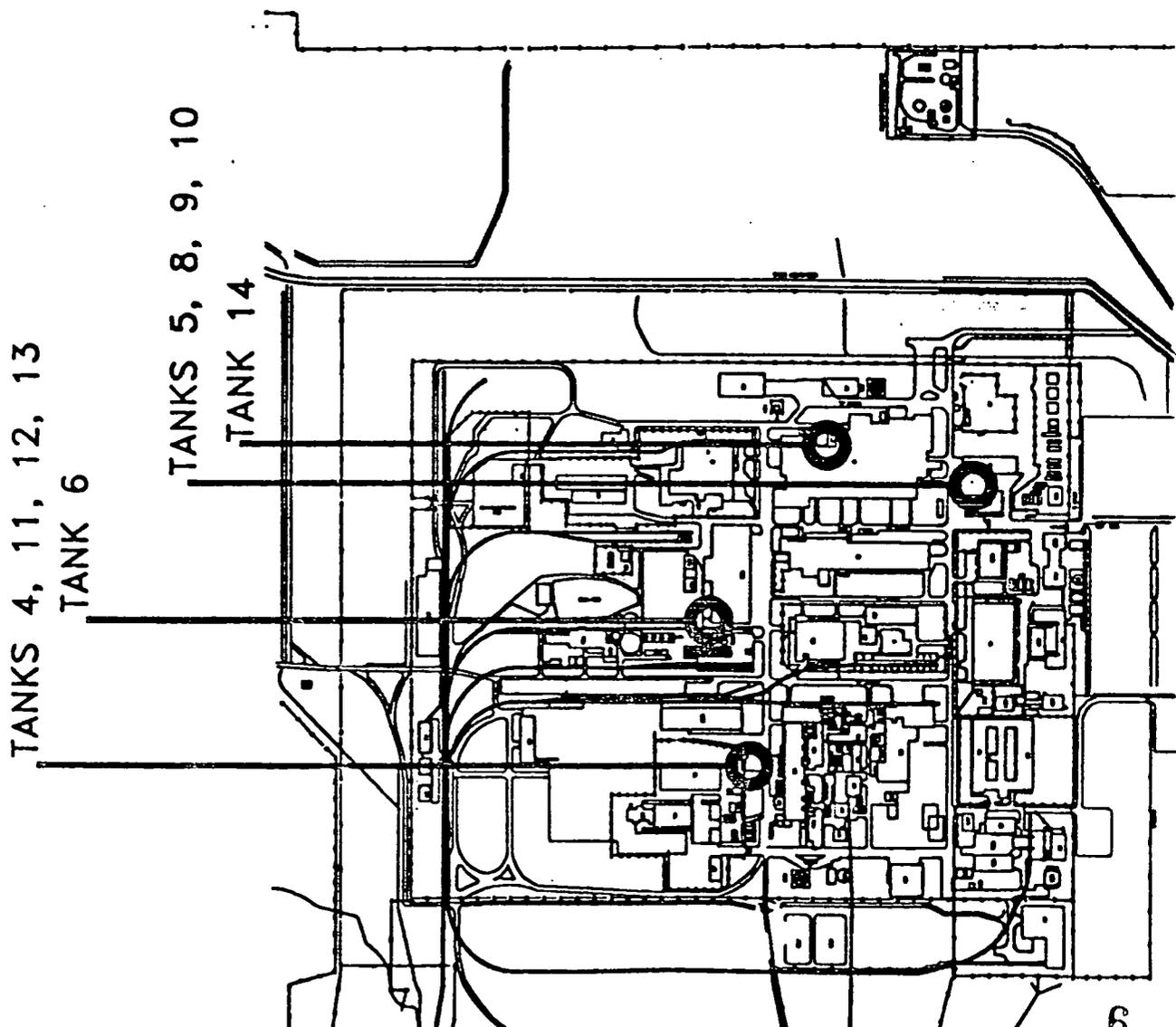
OFFICE USE ONLY

Date: _____ County: _____ Inspection District: _____ Fee: _____ Permit # _____

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ENCLOSURE II

UNDERGROUND STORAGE TANK LOCATIONS



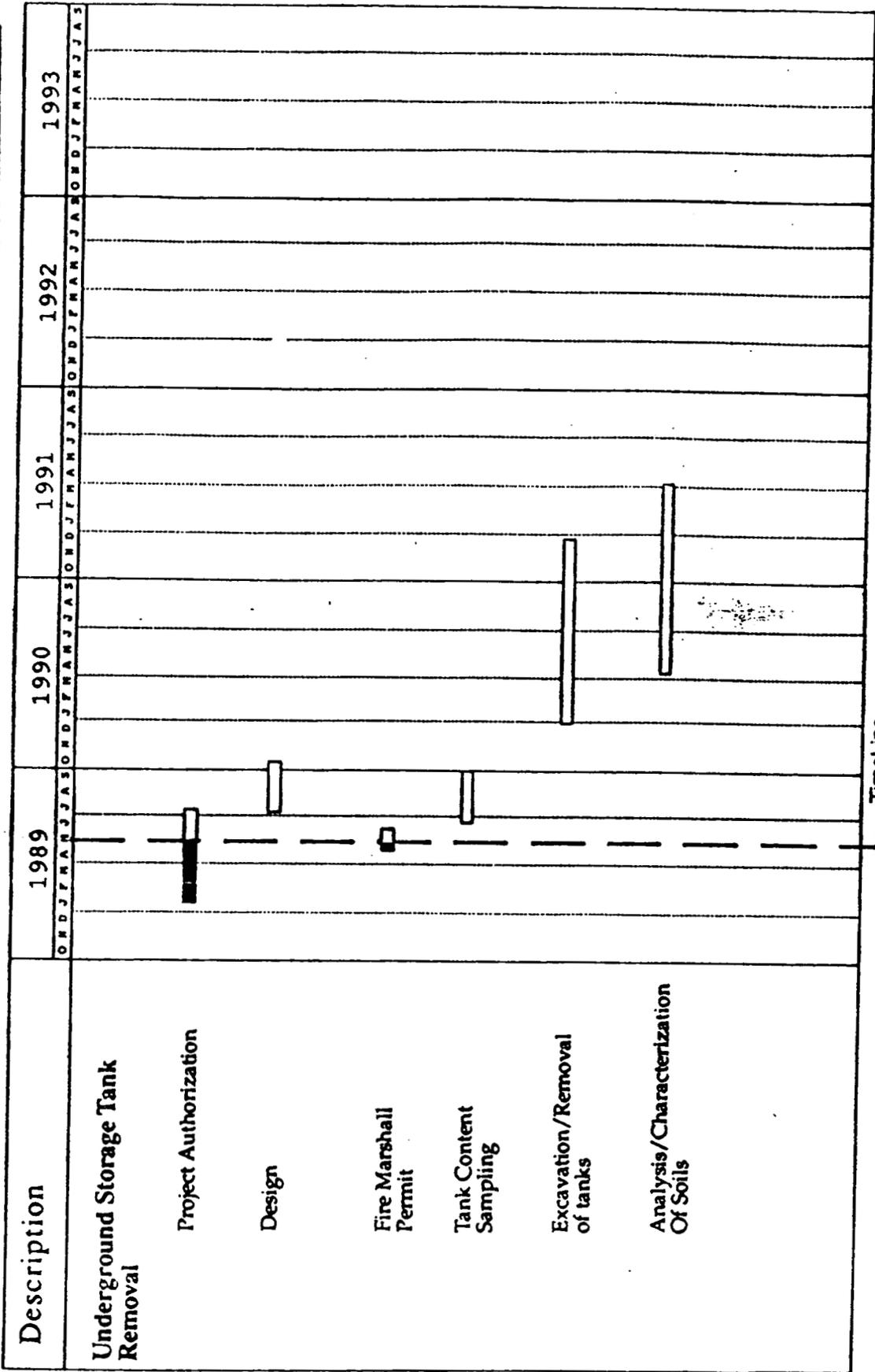
TANK No.	LOCATION	CONTENTS	VOLUME (gal)	TANK DIMENSIONS LENGTH	TANK DIMENSIONS DIAMETER	AGE (YEARS)
4	PLANT 1	KEROSENE	3000	18	5.5	36
11	PLANT 1	GASOLINE	3000	18	5.5	36
12	PLANT 1	GASOLINE	3000	18	5.5	36
13	PLANT 1	GASOLINE	3000	18	5.5	36
6	MAINT	GASOLINE	1000	11	4	36
5	GARAGE	WASTE OIL	200	6	2.5	36
8	GARAGE	GASOLINE	1000	12	4	36
9	GARAGE	GASOLINE	1000	12	4	36
10	GARAGE	GASOLINE	3000	18	5.5	36
14	PLANT 6	SOLUBLE OILS	3000	18	5.5	26

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ENCLOSURE III

Underground Tank Permit Application Removal Schedule

FMPC



Timeline
 [Solid Line] Current Percent w/Progress

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ENCLOSURE IV

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LIST OF DRAWINGS SUBMITTED

FMPC Underground Storage Tank Permit Application

- A. FMPC Site Map
- B. Existing Site Plan
- C. Layout of Gasoline Tanks and Dispensing Pumps
- D. Drawing No. 3012-C-50-R
- E. Architectural Layout of Garage
- F. Garage Building: 1500 Gallon Gasoline Storage Tank and Facilities - Plan and Details
- G. Replacement of 3000 Gallon Drums Gasoline Tank
- H. Scrap Melting Building Concrete Foundation Plan Sections and Details
- I. Scrap Melting Building, General Composite, Site Layout and Location Plan