

4025

**PERMITS TO OPERATE
(VARIOUS PERMITS)**

12/31/92

**OEPA/DOE-FN
20
LETTER**



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

G-01475

4025

George V. Voinovich
Governor

Donald R. Schregardus
Director

1431110128
U.S. DEPT OF ENERGY-FERNALD E
BEHRAM SHROFF
P.O. BOX 398705
CINCINNATI OH 45239

CERTIFIED MAIL

December 31, 1992

Enclosed are Permit(s) to Operate which allow you to operate the described air contaminant source(s) in the manner indicated in the permit(s). Because these permits contain several conditions and restrictions, I urge you to read them carefully.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Board of Review pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street
Room 300
Columbus, Ohio 43215

If you have any questions, please contact the air pollution control agency to which you submitted your application.

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

TGR/tkb

submit permit fees

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110128P112**Effective Date **12/31/92**Permit Fee **\$100**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

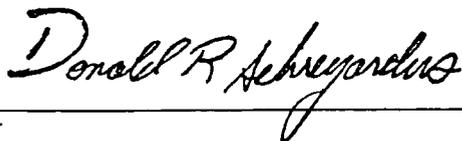
of a permit to operate for:

**PLANT 4-REJECT GREEN SALT: FABRIC FILTER
4-013 REJECT GREEN SALT**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/30/95**
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY



Director

EPA 3834
Revised 9-90

APPLICATION NUMBER: 1431110128 P112
FACILITY NAME: U.S. Dept. of Energy - Fernald
Environmental Management Project
EQUIPMENT DESCRIPTION: Plant 4 - Reject Green Salt: Fabric
Filter
COMPANY ID: 4-013 Reject Green Salt

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-15-07, 3745-17-07, 3745-17-11, and 40 CFR Part 61, Subpart H, and 40 CFR Parts 117 and 302.

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Mass Emission Limitations:

The mass emissions from this source shall not exceed 2.58 pounds of particulate per hour.

3. National Emission Standard for Hazardous Air Pollutants (NESHAP) Requirements:

This source and all other sources located at the Fernald Environmental Management Project which emit or have the potential to emit radionuclides to the ambient air shall comply with the requirements specified in 40 CFR, Part 61, Subpart H.

4. Nuisance Prohibited:

This source shall be operated and maintained so that the emissions are not in such manner or in such amounts so as to endanger the health, safety or welfare of the public, or cause unreasonable injury or damage to property.

5. Monitoring Requirements:

This source shall utilize an existing fabric filter which is currently operating at plant 4. The exhaust stack associated with the fabric filter shall be equipped with a NLO-developed continuous flow stack sampler. The sampler will draw a continuous sample at an isokinetic rate from a fixed point within the exhaust stack. Collected samples will be analyzed to determine both particulate (as needed) and radionuclide emission rates from the exhaust stack.

U.S. Dept. of Energy - F.E.M.P.
Premise Number: 1431110128 P112
Page -2-

Results of the sampling analyses shall be retained in the company's files for a period of not less than three years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

6. Notification Requirement:

Should U.S. D.O.E. - F.E.M.P. decide to replace, modify or upgrade the existing control equipment the Southwestern Ohio Air Pollution Control Agency (SWOAPCA) shall be notified in writing prior to such changes or modifications.

PREPARED BY: Peter Sturdevant
DATE PREPARED: November 30, 1992

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110128P121**Effective Date **12/31/92**Permit Fee **\$270**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

of a permit to operate for:

**PLANT 2/3 NEUT. OF SOLVENT F1-502: TANK VENT ONLY
2-042 NEUT. OF SOLVENT**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/30/95**. You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Donald R. Schreyer

Director

EPA 3834
Revised 9-90

APPLICATION NUMBER: 1431110128 P121
FACILITY NAME: U.S. Dept. of Energy - Fernald
Environmental Management Project
EQUIPMENT DESCRIPTION: Plant 2/3 - Neut. of Solvent Fl-502:
Tank Vent Only
COMPANY ID: 2-042 Neut. of Solvent

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of the Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-15-06, 3745-15-07, 40 CFR Part 61 - Subpart H, and 40 CFR Parts 117 and 302.

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. National Emission Standards for Hazardous Air Pollutants (NESHAPS) Requirements:

This source and all other sources located at the D.O.E. - FEMP which emit or have the potential to emit radionuclides to the ambient air shall comply with the requirements specified in 40 CFR Part 61, Subpart H.

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110128P227**Effective Date **12/31/92**Permit Fee **\$210**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

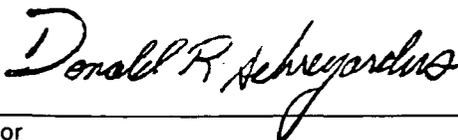
of a permit to operate for:

**PROCESS AREA TRASH COMPACTOR
8-037**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/31/95**
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY



Director

APPLICATION NUMBER: 1431110128 P227
FACILITY NAME: U.S. Dept. of Energy - Fernald
EQUIPMENT DESCRIPTION: Environmental Management Project
Process Area Trash Compactor
COMPANY ID: 8-037

4025

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-15-07, 3745-17-07, 3745-17-11, 3745-31-05, 40 CFR Part 61 Subpart H, and the conditions specified in Permit to Install 14-2288.

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Mass Emission Limitations/Operational Limitations:

Visible particulate emissions shall not exceed 0% (percent) opacity.

The mass emission rates from this source shall not exceed the following:

- A. .00006 lb. particulate per hour; and
- B. .00004 lb. uranium per hour.

3. Monitoring, Testing and Reporting Requirements:

All radionuclide monitoring, testing and reporting shall be performed in accordance with an alternative testing procedure approved by the Ohio EPA. Particulate testing shall be performed in accordance with OAC rule 3745-17-03 or through the use of an alternative testing procedure approved by the Ohio EPA.

- A. An area monitoring system designed to detect radionuclide activity and particulate shall be installed. The monitoring system shall be operated and maintained in accordance with the procedures specified by the manufacturer. The monitoring system shall be operated continuously when emissions are exhausted.
- B. The monitoring system shall have three components: a series of fixed head air sampling units, a counting system, and a system to verify the presence of radionuclide.

- C. The laboratory results from the radionuclide and particulate emission rate shall be kept on site, available for inspection by representatives of the Ohio EPA for a minimum of five years.
- D. The Fernald Environmental Management Project shall provide the Southwestern Ohio Air Pollution Control Agency (SWOAPCA) with an annual report which includes the results of the monitoring as recorded by the Department of Energy's (DOE) Effluent Information System and the dose calculations required by 40 CFR 61.93(a). This report shall also contain a description of the emission controls and control efficiencies employed by this source, and a brief description of all modifications made to this source during the calendar year for which this report is prepared. This report shall be submitted to the SWOAPCA by June 30 of each year.
- E. If the results from sampling of the ambient air in the compactor area exceed 10% of 2.0×10^{-11} microcuries per cubic centimeter (the derived air concentration for the isotope U-238), then standard operating procedure would require shutdown of operation until an evaluation can be made to determine the root cause of elevated airborne activities.
- F. This facility shall maintain records documenting the hourly process rate for the trash compactor. These records, as well as any supporting computations, shall be retained in the company's files for a period of not less than three years and shall be made available to the Director, or any authorized representative of the Director for review during normal business hours.

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110128P240**Effective Date **12/31/92**Permit Fee **\$270**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

of a permit to operate for:

**WEST EIMCO FILTER
8-010**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/31/95**
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Director

EPA 3834
Revised 9-90

APPLICATION NUMBER: 1431110128 P240
FACILITY NAME: U.S. Dept. of Energy - Fernald
Environmental Management Project
EQUIPMENT DESCRIPTION: West Eimco Filter
COMPANY ID: 8-010

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-15-07, 3745-17-07, 3745-17-11, and 40 CFR Part 61, Subpart H.

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Mass Emission Limitations:

The mass emissions from this source shall not exceed 12.71 pounds of particulate per hour.

3. National Emission Standard for Hazardous Air Pollutants (NESHAP) Requirements:

This source and all other sources located at the Fernald Environmental Management Project which emit or have the potential to emit radionuclides to the ambient air shall comply with the requirements specified in 40 CFR, Part 61, Subpart H.

PREPARED BY: Peter Sturdevant
DATE PREPARED: December 2, 1992

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110128P248**Effective Date **12/31/92**Permit Fee **\$330**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

of a permit to operate for:

**EAST EIMCO FILTER
8-011**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/31/95**
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Director

EPA 3834
Revised 9-90


APPLICATION NUMBER: 1431110128 P248
FACILITY NAME: U.S. Dept. of Energy - Fernald
Environmental Management Project
EQUIPMENT DESCRIPTION: East Eimco Filter
COMPANY ID: 8-011

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-15-07, 3745-17-07, 3745-17-11, and 40 CFR Part 61, Subpart H.

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Mass Emission Limitations:

The mass emissions from this source shall not exceed 12.71 pounds of particulate per hour.

3. National Emission Standard for Hazardous Air Pollutants (NESHAP) Requirements:

This source and all other sources located at the Fernald Environmental Management Project which emit or have the potential to emit radionuclides to the ambient air shall comply with the requirements specified in 40 CFR, Part 61, Subpart H.

PREPARED BY: Peter Sturdevant
DATE PREPARED: December 2, 1992

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110128P270**Effective Date **12/31/92**Permit Fee **\$270**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

of a permit to operate for:

**EXISTING DECONTAMINATION AND DECOMMISSIONING FAC.
69-001, 69-002, 69-003, 69-004, 69-005**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/31/95**
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Donald R. Scheyardus

Director

EPA 3834
Revised 9-90

APPLICATION NUMBER: 1431110128 P270
FACILITY NAME: U.S. Dept. of Energy - Fernald
Environmental Management Project
EQUIPMENT DESCRIPTION: Existing Decontamination and
Decommissioning Facility
COMPANY ID: 69-001, 69-002, 69-003, 69-004, 69-005

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-15-07 and 40 CFR Part 61, Subpart H.

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. National Emission Standard for Hazardous Air Pollutants (NESHAP) Requirements:

This source and all other sources located at the Fernald Environmental Management Project which emit or have the potential to emit radionuclides to the ambient air shall comply with the requirements specified in 40 CFR, Part 61, Subpart H.

3. Prohibition of Nuisances:

The emissions from this source shall not be in such amounts as to endanger the health, safety, or welfare of the public, or cause unreasonable injury or damage to property, as specified in OAC rule 3745-15-07.

PREPARED BY: Peter Sturdevant
DATE PREPARED: December 2, 1992

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110123P167**Effective Date **12/31/92**Permit Fee **\$210**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

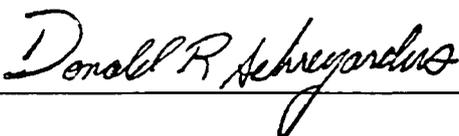
of a permit to operate for:

**TITAN MILL DUMPING STATION W/FABRIC FILTER
PLANT NO. 1: 1-006: DUST COLLECTOR 62-2**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/30/95**
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY



Director

EPA 3834
Revised 9-90

APPLICATION NUMBER: 1431110128 P167
FACILITY NAME: U.S. Dept. of Energy - Fernald
Environmental Management Project
EQUIPMENT DESCRIPTION: Titan Mill W/Fabric Filter
COMPANY ID: Plant No. 1: 1-006: Dust Collector G2-2

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-17-07, 3745-17-11, 40 CFR Part 61 - Subpart H and 40 CFR Parts 117 and 302

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Mass Emission Limitations:

The mass emission rate from this source shall not exceed 6.95 pounds of particulate per hour.

3. National Emission Standard for Hazardous Air Pollutants (NESHAP) Requirements:

This source and all other sources located at the D.O.E.-F.E.M.P. which emit or have the potential to emit radionuclides to the ambient air shall comply with the requirements specified in 40 CFR Part 61, Subpart H.

4. Monitoring Requirements:

This source shall employ an an existing fabric filter which is currently operating at the F.E.M.P. Plant. The exhaust stack associated with the fabric filter shall be equipped with a continuous flow stack sampler. The sampler will draw a continuous sample at an isokinetic rate from a fixed point within the exhaust stack. Collected samples will be analyzed to determine both particulate (as needed) and radionuclide emission rates from the facility exhaust.

Results of the sampling analyses will be retained in the company's files for a period of not less than three years and shall be made available to the Director, or any authorized representative of the Director for review during normal business hours.

Should D.O.E. - F.E.M.P. decide to replace, modify or upgrade the existing control equipment, the Southwestern Ohio Air Pollution Control Agency (SWOAPCA) shall be notified in writing prior to such changes or modifications.

PREPARED BY: Peter Sturdevant
DATE PREPARED: December 2, 1992

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCEDate of Issuance **12/31/92**Application No. **1431110128P168**Effective Date **12/31/92**Permit Fee **\$210**

This document constitutes issuance to:

**U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
WILLEY ROAD
FERNALD OHIO 45239**

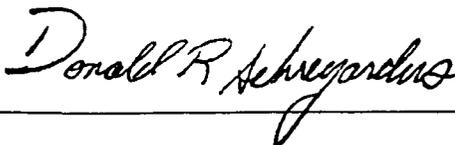
of a permit to operate for:

**TITAN MILL W/FABRIC FILTER
PLANT NO. 1: 1-007: DUST COLLECTOR 62-64.**

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until **12/30/95**
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
**SOUTHWESTERN OHIO AIR POLLUTION CONTROL AGENCY
1632 CENTRAL PKWY. CINCINNATI OH, 45210
(513) 651-9437**
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY



Director

EPA 3834
Revised 9-90

APPLICATION NUMBER: 1431110128 P168
FACILITY NAME: U.S. Dept. of Energy - Fernald
Environmental Management Project
EQUIPMENT DESCRIPTION: Titan Mill W/Fabric Filter
COMPANY ID: Plant No. 1: 1-007: Dust Collector G2-64

SPECIAL TERMS AND CONDITIONS

1. Applicable Rules:

The following rules of the Ohio Administrative Code and the Code of Federal Regulations establish the applicable emission limitations and/or control requirements for this source: 3745-17-07, 3745-17-11, 40 CFR Part 61 - Subpart H and 40 CFR Parts 117 and 302

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Mass Emission Limitations:

The mass emission rate from this source shall not exceed 6.95 pounds of particulate per hour.

3. National Emission Standard for Hazardous Air Pollutants (NESHAP) Requirements:

This source and all other sources located at the D.O.E.-F.E.M.P. which emit or have the potential to emit radionuclides to the ambient air shall comply with the requirements specified in 40 CFR Part 61, Subpart H.

4. Monitoring Requirements:

This source shall employ an an existing fabric filter which is currently operating at the F.E.M.P. Plant. The exhaust stack associated with the fabric filter shall be equipped with a continuous flow stack sampler. The sampler will draw a continuous sample at an isokinetic rate from a fixed point within the exhaust stack. Collected samples will be analyzed to determine both particulate (as needed) and radionuclide emission rates from the facility exhaust.

Results of the sampling analyses will be retained in the company's files for a period of not less than three years and shall be made available to the Director, or any authorized representative of the Director for review during normal business hours.

Should D.O.E. - F.E.M.P. decide to replace, modify or upgrade the existing control equipment, the Southwestern Ohio Air Pollution Control Agency (SWOAPCA) shall be notified in writing prior to such changes or modifications.

PREPARED BY: Peter Sturdevant
DATE PREPARED: December 2, 1992

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P112
APPLICATION NUMBER

\$100.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

PURSUANT TO SEC.3745.11 OF THE OHIO REVISED
CODE, FULL AMOUNT OF THIS PERMIT FEE IS DUE
WITHIN FIFTEEN (15) DAYS OF THIS PERMIT.
MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

RETURN THIS STATEMENT WITH YOUR REMITTANCE USING
THE ENCLOSED ENVELOPE TO:

GENERAL ACCOUNTING
OHIO EPA
P.O. BOX 1049
COLUMBUS, OH 43266-0149

ALL QUESTIONS REGARDING THIS FEE SHOULD INCLUDE
THE APPLICATION NUMBER SHOWN ABOVE.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P121
APPLICATION NUMBER

\$270.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

PURSUANT TO SEC.3745.11 OF THE OHIO REVISED
CODE, FULL AMOUNT OF THIS PERMIT FEE IS DUE
WITHIN FIFTEEN (15) DAYS OF THIS PERMIT.
MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

RETURN THIS STATEMENT WITH YOUR REMITTANCE USING
THE ENCLOSED ENVELOPE TO:

GENERAL ACCOUNTING
OHIO EPA
P.O. BOX 1049
COLUMBUS, OH 43266-0149

ALL QUESTIONS REGARDING THIS FEE SHOULD INCLUDE
THE APPLICATION NUMBER SHOWN ABOVE.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P227
APPLICATION NUMBER

\$210.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

PURSUANT TO SEC.3745.11 OF THE OHIO REVISED
CODE, FULL AMOUNT OF THIS PERMIT FEE IS DUE
WITHIN FIFTEEN (15) DAYS OF THIS PERMIT.
MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

RETURN THIS STATEMENT WITH YOUR REMITTANCE USING
THE ENCLOSED ENVELOPE TO:

GENERAL ACCOUNTING
OHIO EPA
P.O. BOX 1049
COLUMBUS, OH 43266-0149

ALL QUESTIONS REGARDING THIS FEE SHOULD INCLUDE
THE APPLICATION NUMBER SHOWN ABOVE.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P240
APPLICATION NUMBER

\$270.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

PURSUANT TO SEC.3745.11 OF THE OHIO REVISED
CODE, FULL AMOUNT OF THIS PERMIT FEE IS DUE
WITHIN FIFTEEN (15) DAYS OF THIS PERMIT.
MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

RETURN THIS STATEMENT WITH YOUR REMITTANCE USING
THE ENCLOSED ENVELOPE TO:

GENERAL ACCOUNTING
OHIO EPA
P.O. BOX 1049
COLUMBUS, OH 43266-0149

ALL QUESTIONS REGARDING THIS FEE SHOULD INCLUDE
THE APPLICATION NUMBER SHOWN ABOVE.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P248
APPLICATION NUMBER

\$330.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

PURSUANT TO SEC.3745.11 OF THE OHIO REVISED
CODE, FULL AMOUNT OF THIS PERMIT FEE IS DUE
WITHIN FIFTEEN (15) DAYS OF THIS PERMIT.
MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

RETURN THIS STATEMENT WITH YOUR REMITTANCE USING
THE ENCLOSED ENVELOPE TO:

GENERAL ACCOUNTING
OHIO EPA
P.O. BOX 1049
COLUMBUS, OH 43266-0149

ALL QUESTIONS REGARDING THIS FEE SHOULD INCLUDE
THE APPLICATION NUMBER SHOWN ABOVE.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P270
APPLICATION NUMBER

\$270.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

PURSUANT TO SEC.3745.11 OF THE OHIO REVISED
CODE, FULL AMOUNT OF THIS PERMIT FEE IS DUE
WITHIN FIFTEEN (15) DAYS OF THIS PERMIT.
MAKE CHECKS PAYABLE TO:

THE TREASURER OF THE STATE OF OHIO.

RETURN THIS STATEMENT WITH YOUR REMITTANCE USING
THE ENCLOSED ENVELOPE TO:

GENERAL ACCOUNTING
OHIO EPA
P.O. BOX 1049
COLUMBUS, OH 43266-0149

ALL QUESTIONS REGARDING THIS FEE SHOULD INCLUDE
THE APPLICATION NUMBER SHOWN ABOVE.

STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P167
APPLICATION NUMBER

\$210.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

PURSUANT TO SEC.3745.11 OF THE OHIO REVISED
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COLUMBUS, OH 43266-0149

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STATEMENT OF
THE OHIO ENVIRONMENTAL PROTECTION AGENCY

1431110128P168
APPLICATION NUMBER

\$210.00
AMOUNT DUE

U.S. DEPT OF ENERGY-FERNALD ENVR MANAGEM
FACILITY NAME

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