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**RESPONSE TO MR. PAUL D. PARDI REGARDING  
DOE-FEMP HAMILTON COUNTY HAZARDOUS  
WASTE, DATED SEPTEMBER 14, 1992**

**10/39/92**

**DOE-0225-93  
DOE-FN/OEPA  
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LETTER**



**Department of Energy**  
Fernald Environmental Management Project  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 738-6357

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OCT 30 1992

DOE-0225-93

Mr. Paul D. Pardi, Group Leader  
Division of Hazardous Waste Management  
Ohio Environmental Protection Agency  
40 South Main Street  
Dayton, Ohio 45402

Dear Mr. Pardi:

**RESPONSE TO MR. PAUL D. PARDI REGARDING DOE-FEMP HAMILTON COUNTY HAZARDOUS WASTE, DATED SEPTEMBER 14, 1992**

- References: 1) DOE-2258-92, W. Quaider to Mr. Paul Pardi, "Regulatory Issues," dated July 31, 1992
- 2) OEPA Letter, Paul D. Pardi to Wally Quaider, dated September 14, 1992

The information provided herein is a response to your letter of September 14, 1992, regarding the subject stated above. Per verbal request to your office, we requested and received permission to submit this response by October 30, 1992 instead of October 16, 1992 as specified in your letter (reference 2).

**ANNUAL REPORT**

The Fernald Environmental Management Project (FEMP) 1991 Resource Conservation and Recovery Act (RCRA) Annual Report was submitted to the Ohio Environmental Protection Agency (OEPA) on March 1, 1992. Since the transmittal, it has been determined that information contained in the report will have to be amended to account for information developed during ongoing characterization efforts and inventory reconciliation efforts.

Enclosed is the corrected version of the 1991 Facility Annual Hazardous Waste Report section with handwritten corrections per OEPA instructions. Due to Proposed Amended Consent Decree characterization efforts, other waste generated in previous years remains uncharacterized. Therefore, as per previous discussion with you, the 1991 RCRA Annual Report will be updated on a quarterly basis. After submittal of the 1992 RCRA Annual Report, any characterizations of generated waste completed after March 1, 1993, will be included as amendments to the 1992 RCRA Annual Report. Amendments to the RCRA Annual Report will be included with submissions of the Quarterly Consent Decree Technical Progress Report.

Also enclosed for your approval, is an alternative reporting format to the forms provided in the RCRA Annual Report instructions. Please provide comments on this suggested format as to whether the FEMP can submit future RCRA Annual Reports in this format.

The following information outlines an action plan and schedule to address amendments necessary to the RCRA Annual Report.

- 1) Resolve the hazardous waste inventory.

Completion Date: December 31, 1992.

- 2) Waste associated with declared Hazardous Waste Management Units (HWMUs) will be reviewed and included in the 1992 RCRA Annual Report as necessary.

Completion Date: March 1, 1993.

- 3) RCRA hazardous waste identified as Newly Generated Delinquent Waste (generated since June 30, 1990, through December 31, 1991) must be included in the 1992 RCRA Annual Report as characterizations of these waste streams continue.

Completion Date: August 31, 1993

- 4) Material associated with CERCLA actions may need to be accounted for in the 1992 RCRA Annual Report.

Completion Date: March 1, 1993

#### WASTE CHARACTERIZATION

The FEMP's existing waste characterization program has been reviewed and it has been determined that certain areas needed to be strengthened to enhance its efficiency to characterize waste in a timely manner. The FEMP has initiated six specific actions which will allow for more timely characterization of newly generated waste.

1. Operations pertaining to the FEMP's RCRA program have been consolidated under one specific organizational group resulting in greater efficiency and integration. Copies of the RCRA Program organizational matrix and group charters are attached (Waste Characterization Enclosures, Attachment I).
2. Characterization documentation has been streamlined and formalized. Standardized reporting of QA/QC results, statistical workups and visual inspections allow evaluators to more efficiently review and validate information. Site Standard Operating Procedure (SSOP-0002, Waste Characterization Enclosures, Attachment II) has been developed which provides detailed instructions for both waste generators and evaluators on the completion of the "Material Evaluation Form" (MEF) used to document waste characterizations. A flow chart describing the general characterization process (MEF) is enclosed for your

reference (Waste Characterization Enclosures, Attachment III).

3. Additional personnel have been devoted to the following disciplines: sample plan preparation, QA/QC and data review, waste analysis and characterization. With the completion of waste characterizations under the Proposed Amended Consent Decree, personnel who previously had been devoted to those characterizations may now concentrate their efforts on newly generated wastes.
4. Personnel onsite who generate waste have received training on the waste characterization process. This topic is a component of the required 40 CFR Part 264.16 personnel training (Waste Characterization Enclosures, Attachment IV).
5. A new site-wide laboratory contract is designed to provide constant availability of adequate lab capacity. This new contract is expected to be awarded on or before January 1, 1993. This laboratory contract requires a 30 day turnaround time by the laboratories which stipulates penalties when these requirements are not met.
6. The FEMP is currently in the process of developing an administrative tracking system to assist in more timely waste characterizations. The tracking system will identify those streams which are not being characterized in a timely manner so that the proper emphasis can be placed on them. This system is expected to be operational by January 31, 1993.

The FEMP believes the actions stated above will allow the site to comply with Ohio Administrative Code (OAC) 3745-52-11 and thus, will evaluate all newly generated waste in a timely manner. The only impacts to these actions, known at this time, may be the issues regarding the potential generation of LDR wastes via the sampling and analysis of certain waste streams on site. In addition, the FEMP has a drum movement moratorium, in effect to guard against the generation of hydrogen gas and a potentially explosive situation. Drum handling activities are reviewed and authorized by a site committee prior to the start of any work. Both of these actions are regarded as a Best Management Practice by the site.

In closing, the FEMP would like to clarify that the correct completion date for the boxes of waste identified is August 31, 1993 not August 31, 1992 as noted in your September 14, 1992 letter.

#### COMPLIANCE SCHEDULES

Section 3.12 of the Proposed Amended Consent Decree (PACD) requires the Department of Energy (DOE) to submit, within 60 days from the date of any report or revision to a permit application which identifies any additional HWMU or hazardous waste not previously identified at the FEMP, a compliance schedule to the OEPA for approval, setting forth a timetable by which the hazardous waste requirements shall be implemented. To date, the DOE has

prepared and submitted 44 compliance schedules to the OEPA for approval.

Reference 1 notified the OEPA that the FEMP has determined that 64 of the 600 actions included in the previously submitted compliance schedules were not completed as set forth in the proposed schedules. Reference 2 documented OEPA's request for the FEMP to submit a revised schedule to the OEPA highlighting when the 64 actions, which were not completed as set forth in the original schedules, will be completed.

A review of the original compliance schedules has determined that only twenty-five actions should remain open to date. In accordance with your request, please find enclosed a revised schedule which highlights the status and includes revised completion dates as necessary for the twenty-five actions whose status remain open at the present time.

If you or your staff have any questions, please contact Ed Skintik at (513) 738-6660.

Sincerely,

  
W. D. Adams  
Acting Manager

FN:Skintik

Enclosures As Stated

cc w/encl.:

D. Paine, FERMCO/72  
D. A. Nixon, WEMCO/52-10  
AR Coordinator, WEMCO

cc w/o encl.:

C. A. Anderson, EM-424, TREV  
K. A. Hayes, EM-424, TREV  
N. C. Kaufman, FERMCO/72  
J. A. Rasile, FERMCO/72  
J. W. Thiesing, FERMCO/72  
L. S. Farmer, WEMCO/2  
V. A. Franklin, WEMCO/8  
E. D. Savage, WEMCO/65  
T. J. Stone, WEMCO/71