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**FERNALD ENVIRONMENTAL MANAGEMENT PROJECT SEMI-ANNUAL
POLYCHLORINATED BIPHENYL STATUS REPORT, JANUARY 1996**

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DOE-0403-96
DOE-FN USEPA
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REPORT



Department of Energy
Fernald Environmental Management Project
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JAN 18 1996

DOE-0403-96

Mr. Tony Silvasi
PCB Control Section (SP-14J)
U.S. Environmental Protection Agency
230 South Dearborn
Chicago, Illinois 60604

Dear Mr. Silvasi:

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT SEMI-ANNUAL POLYCHLORINATED BIPHENYL STATUS REPORT, JANUARY 1996

- Reference: 1) Letter, P. A. Reed to R. E. Tiller, "Notice of Noncompliance for Polychlorinated Biphenyls (PCB) Storage," dated February 26, 1992
- 2) Letter, J. R. Craig to T. Silvasi, "Semi-Annual PCB Status Report, dated July 1995"

The purpose of this letter is to transmit the Fernald Environmental Management Project (FEMP) Semi-Annual Polychlorinated Biphenyl (PCB) Status Report to the U.S. Environmental Protection Agency (U.S. EPA) Region 5, pertaining to PCB activities from the period of July 1995 through December 1995. In Reference 1, USEPA Region V requested the Department of Energy, Fernald Field Office (DOE-FN) to provide a Semi-Annual Status Report detailing the efforts undertaken to dispose of PCBs and PCB items at the FEMP. This report will update the status of the PCBs and PCB items identified in Reference 2.

Background

A U.S. EPA representative conducted an inspection of the FEMP site on August 20, 1991, to determine regulatory compliance with the Toxic Substances Control Act (TSCA) regulations set forth in 40 Part 761 in regard to PCBs. On November 14, 1991, the U.S. EPA issued to the FEMP a Notice of Noncompliance (NON) for storing PCB containers in excess of one year. In response to the NON, the DOE-FN described the limited treatment and disposal options for radioactively contaminated PCBs. As a follow-up action, U.S. EPA requested that DOE-FN submit a Semi-Annual PCB Status Report for the three waste categories: (1) Radioactively Contaminated PCB Liquids; (2) Radioactively Contaminated PCB Solids; and (3) Non-Radioactively Contaminated PCB Solids for Commercial Disposal.

PCB Inventory

The FEMP currently has 253 containers of PCBs and PCB Items in storage for disposal at the FEMP.

A breakdown of the inventory of PCB drums in storage for disposal is provided below:

Radioactively Contaminated PCB Liquids *	0 Drums
Radioactively Contaminated PCB Solids •	253 Drums
Non-Radioactively Contaminated PCB Solids	0 Drums
TOTAL	253 Drums

* Those PCB drums which remain at the FEMP (including radioactively contaminated PCB sludges not able to be shipped as PCB liquids) were grouped into the Radioactively Contaminated PCB Solids category.

Radioactively Contaminated PCB Liquids

Within the last 6 months, the Toxic Substance Control Act (TSCA) Incinerator at the Oak Ridge Facility in Oak Ridge, Tennessee has received 1155 pounds of FEMP radioactively mixed PCB liquids for disposal by incineration.

The PCB drums which remain at the FEMP (including radioactively contaminated PCB sludges not able to be shipped as PCB liquids) were grouped into the Radioactively Contaminated PCB Solids category. These drums are stored in a FEMP warehouse (Building 63, KC-2 Warehouse-Bay 3) as radioactively contaminated PCB solids in compliance with the regulations set forth in 40 CFR 761.65. Mixed waste treatment technology presented within the FEMP Federal Facilities Compliance Act (FFCA) Site Treatment Plan is being considered for treatment of radioactively contaminated PCB solids.

Radioactively Contaminated PCB Solids

There are 253 drums of radioactively contaminated PCB solids in the FEMP PCB inventory. Radioactively contaminated PCB solid items include, but are not limited to, soil, sludges, trash, debris, and electrical equipment that cannot be radiologically decontaminated. All radioactively contaminated PCBs and PCB Items (solids) are stored in a FEMP warehouse (Building 63, KC-2 Warehouse-Bay 3) in compliance with the regulations set forth in 40 CFR 761.65. Radioactively contaminated PCB solids have no current treatment and/or disposal options and will remain in storage until treatment/disposal capacity is available. Mixed waste treatment technology presented within the FEMP Site Treatment Plan is being considered for treatment of radioactively contaminated PCB solids.

Non-Radioactively Contaminated PCB Solids/Commercial Disposal Facility

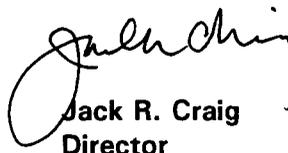
There are no non-radioactively contaminated PCB solids currently in the FEMP PCB inventory.

PCB Actions

As stated above, the radioactively contaminated PCB liquids are at the Oak Ridge Facility awaiting incineration in the TSCA Incinerator. The schedule of incineration has yet to be determined. Meanwhile, all radioactively contaminated PCBs and PCB Items are being stored for disposal and managed in a storage facility (Building 63, KC-2 Warehouse-Bay 3) and will continue to remain in such storage for disposal until viable disposal options of radioactively mixed PCBs have been determined.

If you have any further questions concerning this letter and the proposed action, please contact Ed Skintik at (513) 648-3151.

Sincerely,


Jack R. Craig
Director

FN:Skintik

cc:

- R. Nace, EM-423, GTN
- J. Sattler, DOE-FN
- T. Hagen, FERMCO/65-2
- M. West, FERMCO/35-1
- Administrative Record, FERMCO