

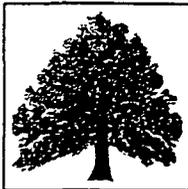
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**FERNALD ENVIRONMENTAL MANAGEMENT PROJECT SEMI-ANNUAL
POLYCHLORINATED BIPHENYL STATUS REPORT FOR JULY 1996**

07/31/96

DOE-1186-96
DOE-FN USEPA
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REPORT



Department of Energy

Ohio Field Office
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JUL 31 1996

DOE-1186-96

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 FOR JULY 1996

- Reference: 1) Letter, U.S. EPA-Region 5, Phyllis A. Reed to R. E. Tiller, dated February 26, 1992.
- 2) Letter, DOE-1224-95, Jack R. Craig to Tony Silvasi, "Semi-Annual PCB Status Report, January 1996."

The purpose of this letter is to transmit the Department of Energy, Fernald Environmental Management Project (DOE-FEMP) Semi-Annual Polychlorinated Biphenyl (PCB) Status Report to the U.S. Environmental Protection Agency (U.S. EPA) - Region 5, pertaining to PCB activities during the period of January 1996 through June 1996. In Reference 1, U.S. EPA - Region 5 requested the DOE-FEMP to provide Semi-Annual Status Reports detailing the efforts undertaken to dispose of PCBs and PCB items at the DOE-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 DOE-FEMP site on August 20, 1991, to determine compliance with the Toxic Substances Control Act (TSCA) regulations set forth in 40 Code of Federal Regulations (CFR) Part 761 in regard to the management of PCBs. On November 14, 1991, the U.S. EPA issued to the DOE-FEMP a Notice of Noncompliance (NON) for storing PCB containers in excess of one year, which is a violation of 40 CFR 761.65(a). In response to the NON, the DOE-FEMP described the limited treatment and disposal options for radioactively contaminated PCBs. As a follow-up action, the U.S. EPA requested that the DOE-FEMP 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 DOE-FEMP currently has 331 drums and one (1) bulk storage tank of PCBs and PCB items in storage for disposal. A breakdown of the inventory of PCB containers in storage for disposal is provided below:

Radioactively Contaminated PCB Liquids	31 Drums 1 Bulk storage tank
Radioactively Contaminated PCB Solids	300 Drums
Non-Radioactively Contaminated PCB Solids	0 Drums
TOTAL	332 Containers

Radioactively Contaminated PCB Liquids

During the first six months of Calendar Year (CY) 1996, one drum of liquid PCB was generated and added to storage awaiting disposal. An additional 30 drums of PCB waste potentially containing liquid were identified as a result of continuing characterization efforts and subsequent reclassifications. In addition, the liquid from eight PCB waste drums was added to Batch #6 of the liquid waste bulking project, and is awaiting shipment to the TSCA incinerator at the K-25 site.

The drummed PCB wastes containing liquids are stored in a DOE-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

No new PCB solid wastes were generated during the six month period; however, the solids and sludges remaining from the eight drums which were added to Batch #6 of the bulking project are being reclassified under a solid waste identification code. A total of 47 drums of radioactively contaminated PCB solid wastes has been added to the inventory since the last report (Reference 2). This addition to the PCB waste inventory was comprised of 24 drums generated in the latter part of CY 1995 and not included in the last report, and 23 drums generated prior to 1995 which have been identified as a result of continuing characterization and reclassification of existing waste inventories.

All radioactively contaminated PCBs and PCB items (solids) are stored in a DOE-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 developed under the Federal Facilities Compliance Act (FFCA) is being considered for treatment of radioactively contaminated PCB solids.

PCB Actions

As stated above, the radioactively contaminated PCB liquids are in bulk storage awaiting shipment to the Oak Ridge Facility for incineration in the TSCA Incinerator. The schedule of incineration has yet to be determined. All drummed 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 Robert Danner at (513) 648-3167.

Sincerely,



Jack R. Craig
Director

FN:Danner

cc:

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