



Department of Energy
Ohio Field Office
Fernald Closure Project
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Springdale, Ohio 45246
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JUL 7 2005

Mr. Tom Ontko
Division of Hazardous Waste Management
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

DOE-0279-05

Dear Mr. Ontko:

INFORMATION REGARDING CONTAINERS OF URANYL NITRATE

This letter provides additional information regarding two containers of hazardous waste that were discussed with you during a June 28 and a June 29, 2005 telephone call. The containers contain an acidic solution of uranyl nitrate and have been characterized as D002. These containers were generated from the analysis and assay of Fernald process materials. The containers had been transported to the Fernald Closure Project's (FCP) Advanced Waste Water Treatment Facility (AWWT) for treatment in order to meet the June 30, 2004 milestone established in the Federal Facility Compliance Act Site Treatment Plan. While these containers were being staged at AWWT, a wastewater discharge request form was improperly completed indicating that these wastes had been treated. The containers were subsequently removed from the active inventory of hazardous waste since it was believed that they had been treated.

EP-0005, Controlling Wastewater Discharges into the FCP's Wastewater Treatment System, establishes procedures for treating containerized waste through AWWT. Only wastes that have been specifically approved by the FCP Environmental Compliance group are sent for treatment in any of the wastewater treatment facilities. A wastewater discharge request form is used to track approval for treatment and treatment completion. According to this procedure, the wastewater discharge request form should not be completed until the waste has been discharged into the wastewater treatment system. Once this form is completed, the status of the containers in the Site-wide Waste Information, Forecasting and Tracking System (SWIFTS) is changed so that they are no longer identified as part of the FCP's active inventory.

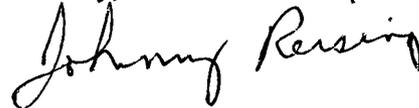
The containers were recently discovered inside a diked containment area when the FCP began Decontamination and Demolition (D&D) operations at the AWWT. Upon discovery, they were moved into one of the hazardous waste storage lockers identified in the FCP's RCRA Part B Permit Application.

Mr. James A. Saric
Mr. Tom Schneider

The FCP is looking at several options for the treatment of these wastes. The FCP may ship these wastes off-site to Perma-Fix in Oak Ridge, Tennessee or Envirocare in Clive, Utah for treatment. The wastes may also be neutralized in a tote tank on site using lime or sodium hydroxide. The resulting solution would be non-hazardous and would be dispositioned through the Converted Advanced Waste Water Treatment Facility (CAWWT) since there are no underlying hazardous constituents associated with these wastes. On-site treatment or off-site shipment of these containers will be completed by July 31, 2005.

If you have any questions or require additional information, please contact Ed Skintik at (513) 246-1369.

Sincerely,



for William J. Taylor
Director

FCP:Reising

Enclosures: As Stated

cc:

- E. Skintik, DOE/FCP
- K. Alkema, Fluor Fernald, Inc./MS1
- E. Brucken, Fluor Fernald, Inc./MS88
- F. Johnston, Fluor Fernald, Inc./MS99
- AR Coordinator, Fluor Fernald, Inc./MS78