



Department of Energy
Ohio Field Office
Fernald Environmental Management Project
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SEP 26 2002

Mr. Paul Pardi
RCRA Group Leader and FFCA Project Manager
Ohio Environmental Protection Agency
Division of Hazardous Waste Management
401 East 5th Street
Dayton, Ohio 45042-2911

DOE-0792-02

Mr. Michael Savage
Assistant Chief
Ohio Environmental Protection Agency
Division of Hazardous Waste Management
Lazarus Government Center
P.O. Box 1049
Columbus, Ohio 43216-1049

Dear Mr. Pardi and Mr. Savage:

**PROPOSED CHANGE TO THE FERNALD ENVIRONMENTAL MANAGEMENT PROJECT'S
SITE TREATMENT PLAN**

Reference: Letter, S. McCracken to P. Pardi and M. Savage, "Fernald Environmental Management Project Fiscal Year 2001 Site Treatment Plan Annual Update," dated December 27, 2001

Enclosed is a proposed change to the Fernald Environmental Management Project Federal Facility Compliance Act Site Treatment Plan. The proposed change is in Section 3.1.11, Waste Streams for Which Technology Exists – Thorium Legacy Mixed Waste Stabilization Project, which requires in part that additional milestones for treating the thorium legacy mixed waste inventory be provided by September 30, 2002. The changes have been highlighted.

SEP 26 2002

Mr. Paul Pardi
Mr. Michael Savage

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DOE-0792-02

If you have any questions, please contact Ed Skintik at (513) 648-3151.

Sincerely,



Stephen H. McCracken
Project Manager

FEMP:Skintik

Enclosures

cc w/enclosures:

T. Schneider, OEPA-Dayton
J. Saric, USEPA-V
J. Sattler, OH/FEMP
D. White, OH/FEMP
J. Buckley, Fluor Fernald, Inc./MS52-3
T. Poff, Fluor Fernald, Inc./MS65-2
R. Schulten, Fluor Fernald, Inc./MS50
J. Samples, Fluor Fernald, Inc./MS50

3.1.10 Waste Streams for Which Technology Exists - Uranium Waste Disposition (UWD) Materials and T-Hopper Wastes

The FEMP has identified mixed waste included in a population of uranium materials declared waste in December 1998. A portion of these materials are enriched (contain > 1% U235) and may require blending to reduce uranium content prior to processing. In addition, the FEMP has identified approximately 450 pounds of mixed waste containing transuranic constituents above 100 nCi/g and 350 pounds of mixed low-level waste. These wastes are currently being stored in two T-Hopper containers. Stabilization options being evaluated for these waste streams include on-site treatment or securing a contract with an off-site treatment facility.

Schedule for Entering into Contract: The contract for implementation of this preferred option will be entered into by June 30, 2003†.

Schedule for Providing Additional Milestones for Treatment: Additional milestones for treating the UWD inventory and the T-Hopper Wastes will be provided by December 31, 2003†.

† Denotes milestone dates

3.1.11 Waste Streams for Which Technology Exists - Thorium Legacy Mixed Waste Stabilization Project

The Thorium Legacy Mixed Waste ~~Stabilization~~ Project involves treatment of the thorium legacy mixed waste inventory. ~~These wastes will be stored in an approved location while evaluating stabilization option which include on site treatment or securing a contract with an off site commercial treatment facility.~~ These wastes will be prepared and packaged as required for shipment to the selected off-site vendor for treatment and disposal.

Schedule for Entering into Contract: The contract for implementation of this preferred option will be entered into by September 30, 2002†. (Completed)

Schedule for Providing Additional Milestones for Treatment: Additional milestones for treating the thorium legacy mixed waste inventory will be provided by September 30, 2002†. (Completed)

Schedule for Initiating Preparation of Wastes for Transport: Thorium legacy mixed waste onsite processing and packaging will begin by June 30, 2003 †.

Schedule for Completing Shipments for Off-Site Treatment of the Thorium Legacy Waste Identified in the Most Recent Version of the Annual STP Update: December 5, 2003 †

† Denotes milestone dates