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INFORMATION PERTAINING TO THE FINAL DISPOSITION OF THE SECONDARY WASTE STREAM FROM REMOVAL ACTION NO. 15 - SCRAP METAL PILE - PHASE I

11/29/94

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LETTER

Department of Energy
Fernald Environmental Management Project
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DOE-0246-95

Mr. James A. Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V - 5HRE-8J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

INFORMATION PERTAINING TO THE FINAL DISPOSITION OF THE SECONDARY WASTE STREAM FROM REMOVAL ACTION No. 15 "SCRAP METAL PILE - PHASE I"

Reference: Letter, Jack R. Craig to James A. Saric and Tom Schneider, Transmittal of Scrap Metal Pile - Phase I Removal Action No. 15 Final Report, dated October 4, 1994.

This letter provides information pertaining to final disposition of the secondary waste streams from Removal Action No. 15 (RA15) "Scrap Metal Pile - Phase I," in accordance with the referenced letter. The three secondary waste streams produced during this action are lead (as metal from the scrap metal pile), slag (a by-product of the metal melt process), and oxidation (a mixture of grit, lead paint, and rust particles).

The treatment and disposition of the lead waste and the slag waste will be delayed from the scheduled November 30, 1994, date until February 28, 1995. The additional time is needed to collect confirmatory samples and perform laboratory analysis. The lead waste has been treated by microencapsulation to meet land disposal requirements for mixed waste and is awaiting shipment to the Envirocare of Utah disposal facility. The slag waste has been stabilized with sulfur cement and, upon verification by sample analyses that the slag waste is non-hazardous, it will be transported to the Nevada Test Site (NTS) for disposal as a low-level radioactive waste.

The treatment and final disposition of the oxidation waste stream will be completed by February 28, 1995, in accordance with Removal Action No. 15 Scrap Metal Pile - Phase I Final Report (September 1994). The method of treatment is also sulfur cement solidification. After treatment and analytical verification, the stabilized oxidation will be disposed of as a low-level

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radioactive waste at the NTS facility. A summary table for the three waste streams is provided:

WASTE STREAM SUMMARY TABLE

Waste Stream	Quantity (Tons)	Treatment Technology	Disposal Location	Scheduled Completion Date
Lead	198.8	Microencapsulation	Envirocare of Utah Facility	February 28, 1995
Slag	100	Sulfur Cement Stabilization	Nevada Test Site	February 28, 1995
Oxidation	123.8	Sulfur Cement Stabilization	Nevada Test Site	February 28, 1995

Additional information pertaining to the secondary waste streams will be provided as it becomes available. If you have any questions, please contact Mr. Donald A. Pfister at (513) 648-3170.

Sincerely,

Johnny Reising

for Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Pfister

cc:

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