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**RETURN OF MATERIALS FROM SCIENTIFIC ECOLOGY GROUP,
INCORPORATED**

12/01/95

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LETTER**



Department of Energy
Fernald Environmental Management Project
P. O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 648-3155

DEC 01 1995
DOE-0271-96

Mr. James A. Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V - 5HSF-5J
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:

RETURN OF MATERIALS FROM SCIENTIFIC ECOLOGY GROUP, INCORPORATED

This is to advise you of the need to return to the Fernald Environmental Management Project (FEMP), some material that was sent to Scientific Ecology Group Incorporated (SEG), in Oak Ridge, Tennessee. The material was sent under the Plant 7 Lead Metal Recycle Project in which SEG was to decontaminate and recycle lead metal that was removed from Plant 7 Decontamination and Dismantlement (D&D). Originally, it was not anticipated that any material would be returned from SEG; any wastes that resulted from the decontamination and free-release processing were to be disposed of directly by SEG.

A total of 14,649 pounds of material was shipped to SEG. Approximately 85 percent (12,470 pounds) was successfully processed for free-release. The remaining 15 percent (2,179 pounds) consists of the following: 1,027 pounds of secondary process waste, 641 pounds of lead metal not amenable for processing due to excessive crumpling, 208 pounds of concrete chunks, insulation, and miscellaneous material, and 303 pounds (36 gallons) of water collected during unloading operations. Preliminary analysis of the water performed at the SEG laboratory indicated elevated levels of lead and barium; the water is currently stored at SEG as Resource Conservation and Recovery Act (RCRA) hazardous waste.

The secondary process waste will be dispositioned by SEG, while the lead metal and water will be returned to the FEMP for placement into hazardous waste storage. Both the lead metal and water will be treated utilizing the Site Treatment Plan preferred option. The concrete, insulation, and miscellaneous materials will be returned to the FEMP as low-level waste and placed into interim storage. The return shipment will occur on or about December 5, 1995, and will consist of four 55-gallon drums, one of which is overpacked in an 85-gallon drum.

If you or your staff have any questions, please contact Don Pfister at (513) 648-3170.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FN: Pfister

cc:

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