



Department of Energy

1714



**Ohio Field Office
Fernald Area Office**

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155

SEP 16 1998

**Mr. Vince Adams
Group Leader
Three-Building D&D and the
National Center of Excellence for
Metals Recycle
P.O. Box 2001
Oak Ridge, TN 37831**

DOE-1160-98

Dear Mr. Adams:

**RECYCLING OF SCRAP COPPER MOTOR WINDINGS FROM FERNALD AT THE EAST
TENNESSEE TECHNOLOGY PARK**

The purpose of this letter is to document the Department of Energy, Fernald Environmental Management Project's (DOE-FEMP) concurrence with the alternative approach for the 1,340 tons of scrap copper motor windings, as proposed by the DOE National Center of Excellence for Metals Recycle in the enclosed letter.

DOE-FEMP has directed Fluor Daniel Fernald to initiate activities required to ship the copper to the East Tennessee Technology Park. These activities will be coordinated through Pete Yerace of DOE-FEMP, and Jane Powell of your staff.

If you have any questions or comments, please contact Pete Yerace at (513) 648-3161.

Sincerely,

**Johnny W. Reising
Associate Director
Environmental Management**

FEMP:Yerace

Enclosure:

1714

Mr. Vince Adams

-2-

SEP 18 1988

cc w/enclosure:

G. Griffiths, OH/FEMP
S. Kaster, OH/FEMP
D. Rast, OH/FEMP
J. Reising, OH/FEMP
J. Sattler, OH/FEMP
AR Coordinator, FDF/78

cc w/o enclosure:

A. Tanner

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Department of Energy

Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831—

August 13, 1998

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Mr. Johnny W. Reising
Associate Director of Environmental Management
Fernald Field Office
7400 Wiley Road
Cincinnati, Ohio 45030

Dear Mr. Reising:

RECYCLING OF SCRAP COPPER METAL FROM FERNALD AT THE EAST TENNESSEE TECHNOLOGY PARK

Over the last two years, the Oak Ridge Operations Office (ORO) has conducted an aggressive program directed at the reindustrialization and reuse of the surplus facilities of the East Tennessee Technology Park (ETTP). This program, activated by private industry, has proved to be useful in lowering the costs of recycle of scrap metal and material generated by decontamination and decommissioning (D&D) operations. In many cases, the cost of disposition of this material can be significantly offset by the intrinsic value of the material.

Through conversations with Pete Yerace, of your staff, the National Center of Excellence for Metals Recycle and the Fernald site have identified an opportunity to recycle approximately 1,340 tons of scrap copper metal currently managed as a waste at Fernald. The Accelerated Clean-up Plan identifies the disposition of this material as low level radioactive waste. Together, the National Center of Excellence for Metals Recycle, and Fernald have developed an alternative approach that avoids disposal of this material and provides significant financial benefits for both Fernald and Oak Ridge.

To be successful we have identified the tasks each organization must perform. They are as follows:

Fernald Site

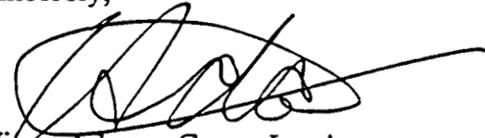
- Designate the copper as a recyclable asset instead of a waste requiring disposal.
- Transfer ownership of the copper asset from Fernald to the National Center of Excellence for Metals Recycle.
- Ship the copper material to ETTP, Oak Ridge. The shipping cost will be covered by Fernald.
- Provide \$100,000 for disposal at Envirocare, of all solid, low-level radioactive, secondary waste generated from this effort.

The National Center of Excellence for Metals Recycle will:

- Accept ownership of copper at the ETTP site.
- Designate an ETTP receiving and storage location for the copper.
- Process the copper within two years of arrival at ETTP.
- Fund the shipment of the solid, low-level radioactive, secondary waste generated from this effort to Envirocare.
- Manage the recycle contractor who will:
 - Fund the treatment, shipment and disposal of all other contractor-generated waste.
 - Recycle the copper and cleanup the K1417B yard at ETTP to offset the cost of the operation through sales of the copper.

If you have any questions or comments, please feel free to call me at (423) 576-1803 or Jane Powell at (423) 241-1740.

Sincerely,



Vince Adams, Group Leader
Three-Building D & D and the National
Center of Excellence for Metals Recycle

cc:

- Jim Hall, M-1
- Rod Nelson, EM-90
- Robert Brown, M-7
- William Seay, EM-911
- Diana Feireisel, CE-52
- Richard Meehan, M-8
- Larry Clark, M-8
- Suzy Riddle, EM-92
- James Owendoff, EM-40, FORS
- James Fiore, EM-42, GTN
- Judson Lilly, EM-42, GTN
- Pete Yerace, Fernald
- Jack Craig, Fernald

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