



Department of Energy

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Fernald Area Office**

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JUN 10 2002

Mr. James A. Saric, Remedial Project Manager
United States Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0515-02

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

Dear Mr. Saric and Mr. Schneider:

NUCLEAR MATERIAL DISPOSITIONING MILESTONE DATE

Reference: Letter, DOE-0782-99, from J. Reising to J. A. Saric and T. Schneider,
"Nuclear Material Dispositioning Milestone Date," dated June 1, 1999

Since June 1, 1999, the Fernald Environmental Management Project (FEMP) has been working to disposition all acceptable product nuclear material from the FEMP by June 1, 2002. This milestone was documented in the above referenced letter, for disposition of approximately 3800 Metric Tons of Uranium (MTU) of product nuclear material. The ~3800 MTU (see Table 1 enclosed) was based on the product nuclear material inventory as of June 1, 1999. In addition, an Environmental Protection Agency (EPA) milestone date of December 31, 2005 for the disposition of 1095 MTU product nuclear material, which was declared waste, was also established.

The purpose of this letter is to report that the FEMP has shipped 3617 MTU (95.2%) of the original ~3800 MTU product nuclear material inventory (3541 MTU to Portsmouth and 76 MTU to private sector sale). The final shipment of product uranium was made on May 15, 2002. The remaining 182.6 MTU of material (see Table 1 enclosed) failed to meet Portsmouth's product nuclear material acceptance and screening criteria established by Oak Ridge's Uranium Management Group. This reject material was declared waste and will be dispositioned prior to the EPA product nuclear material declared waste milestone

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date of December 31, 2005. As of May 1, 2002, the inventory of product nuclear material declared waste, including the 182.6 MTU of rejected product nuclear material, was 977 MTU. The difference between the 1095 MTU of declared waste cited in June 1, 1999, letter and the current inventory is a combination of inventory additions due to Safe Shutdown clean-out and deletions due to inventory disposition at the Nevada Test Site. As a result, a total of 434 MTU of waste was dispositioned between June 1, 1999 and May 1, 2002.

In summary, the FEMP has satisfied the June 1, 2002, EPA milestone commitment by shipping all 3617 MTU of acceptable product and 434 MTU of reject material. The combined total dispositioned is 4,051 MTU, which exceeds the milestone goal. We will continue to manage the rejected materials, along with the waste inventory, toward the goal of disposition by December 31, 2005.

If you have any questions, please contact Victor Taylor at (513) 648-3121.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Sattler

Enclosure: As Stated

cc w/enclosure:

R. Greenberg, EM-31/CLOV
N. Hallein, EM-31/CLOV
J. Sattler, OH/FEMP
V. Taylor, OH/FEMP
T. Schneider, OEPA-Dayton (three copies total of enclosure)
G. Jablonowski, USEPA-V, SRF-5J
F. Bell, ATSDR
M. C. Wojciechowski, Tetra-Tech
M. Shupe, HSI GeoTrans
R. Vandegrift, ODH
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

A. Tanner, OH/FEMP
D. Carr, Fluor Fernald, Inc./MS2
T. Hagen, Fluor Fernald, Inc./MS65-2
T. Walsh, Fluor Fernald, Inc./MS46
ECDC, Fluor Fernald, Inc./MS52-7

SUMMARY OF SHIPMENTS AND REJECTED MATERIALS

**COMPLETION OF JUNE 1, 2002, EPA MILESTONE DATE
FOR REMOVAL OF ALL PRODUCT MATERIALS**

Number of Shipments	Type of Material	Net Pounds Shipped	Uranium Pounds Shipped	MTU* Shipped	Beginning MTU (06/01/1999)	End-of-Stream Reject MTU
133	Dep.UF4 (TOC)	3,717,452	2,817,820	1278.1	1277.5	2.4
22	Dep.UF4 (T-Hpr)	565,429	428,426	194.3	194.3	0.0
52	Dep. Cores	1,329,304	1,329,304	603.0	602.5	0.0
49	Dep. Ingots	1,557,271	1,557,270	706.4	706.4	0.0
Partial	Dep. Derbies	1,357	1,344	0.6	0.6	0.0
3	Dep.Metal (Misc.)	36,939	36,939	16.8	26.0	8.1
1	Nor. Compounds	6,692	5,075	2.3	4.6	2.4
15	Normal Metal	410,176	406,787	184.5	188.3	2.7
25	Enr. Ingots/Derbies	251,197	249,839	113.3	113.3	0.0
75	Misc. Enr. Metal	209,065	204,739	92.9	103.0	9.7
10	Enr. Metal (Sale)	167,720	167,371	75.9	76.0	0.0
21	< 1% U235 U308	451,919	328,419	149.0	220.4	68.9
0	> 1% U235 U308	0	0	0	71.4	71.4
123	> 1% U235 UO3 (12A)	176,278	144,298	65.5	66.5	0.0
73	> 1% U235 UO3 (12B)	247,266	202,773	91.9	95.8	3.1
168	> 1% U235 UF4	106,170	80,460	36.5	38.3	2.1
1	< 1% U235 Misc. Comp.	16,873	13,450	6.1	13.3	9.2
0	> 1% U235 Misc. Comp.	0	0	0	3.1	2.6
771	TOTAL PROJECT	9,251,108	7,974,314	3617.1	3801.3	182.6

*MTU - metric tons uranium

NOTE: Differences between actual shipped, reject, and beginning inventory weights are due to adjustments for factored or in-process weights. Material was reweighed prior to shipment and corrections to inventory records were made accordingly.