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INCIDENT NUMBER 10-09-5071

09-09-1991

DOE-FSO/OEPA

DOE-2176-91

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LETTER



Department of Energy
Fernald Environmental Management Project
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6357

SEP 09 1991

DOE-2176-91

Mr. Jeff Lewis
 Ohio Environmental Protection Agency
 P.O. Box 1049
 1800 WaterMark Drive
 Columbus, Ohio 43266-1049

Dear Mr. Lewis:

INCIDENT NUMBER 10-09-5071

You and Amy Lewkowicz of PEER Consultants have been examining the reporting of the historical release of October 26, 1990. Of particular concern was the questionnaire sent to the FMPC (now FEMP) on October 31, 1990, and the 30-day written report requirement of 40 CFR 355.40 (b).

Pursuant to the conversation held between you and Ms. Lewkowicz on September 4, 1991, we are submitting further uranium calculations under the title of Weight Discrepancy Summary, as an addendum to page 3 of the Environmental Compliance Release Checklist and Report Form (SWC Log No. 90-10-016). The Checklist and Report Form were received by the OEPA 30 days or fewer after the initial discovery. We understand that these calculations, along with the Environmental Compliance Release Checklist and Report Form, satisfy the 30-day notification requirement, as well as satisfying OAC 3750.06 (D) in lieu of the October 31, 1990, questionnaire. As the appropriate SERC and LEPCs were notified in accordance with section 304 of Title III (42 U.S.C. Section 11004), this issue is now closed.

If you have any questions, please contact Wally Quaider at (513) 738-6160.

Sincerely,

Wally Quaider for
 Gerald W. Westerbeck
 Manager

FO:Quaider

Enclosure: As stated

cc:

A. J. Lewkowicz, PEER
 S. D. Moore, WEMCO
 T. R. Spradlin, WEMCO
 AR Coordinator, WEMCO

WEIGHT DISCREPANCY SUMMARY
Plant 1 Pad Storage Drums

SOURCE/MAT CODE	MATERIAL DESCRIPTION	# DRUMS	NET LBS	CONSTITUENT (RQ)
221	Contaminated TBP	1	21	Chromium-D007(10)
FTA 041	RMI Sludge	3	16	Lead-D008(1)
FTA 069	RMI Sump Cake	<u>16</u>	<u>847</u>	Arsenic-D004(1)
				Cadmium-D006(10)
				Lead-D008(1)
TOTALS		20	884	

URANIUM CALCULATIONS FOR RMI SUMP CAKE

LOT NUMBER	% URANIUM	% U235	LBS	LBS URANIUM
S100-FTA-0069-6968	5.33	1.000	143	7.6219
S109-FTA-0069-6853	16.76	1.090	81	13.5756
S120-FTA-0069-6657	30.32	1.210	84	25.4688
S109-FTA-0069-6996	<u>19.89</u>	<u>1.080</u>	<u>539</u>	<u>107.2071</u>
SUBTOTAL	-----	1.080 (AVE)	847	153.8834

URANIUM CALCULATIONS FOR RMI SLUDGE

LOT NUMBER	% URANIUM	% U235	LBS	LBS URANIUM
X888-FTA-0041-S303	39.36	1.100	14	5.5104
S020-FTA-D041-0037	<u>68.90</u>	<u>0.200</u>	<u>2</u>	<u>1.3780</u>
SUBTOTAL	-----	0.988 (AVE)	16	6.8884

URANIUM CALCULATIONS FOR CONTAMINATED TBP

LOT NUMBER	% URANIUM	% U235	LBS	LBS URANIUM
S045-221-D022-0275	<u>0.07</u>	<u>0.450</u>	<u>21</u>	<u>0.0147</u>
TOTAL	-----	-----	---	160.7865 (161 LBS)