

File It.



SNM-7
070-00008

October 6, 1998

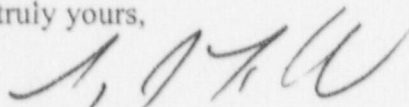
U.S. Nuclear Regulatory Commission
Nuclear Materials Licensing Branch
801 Warrensville Road
Lisle, IL 60532-4351

Gentlemen:

We are enclosing one copy each of our Materials Balance Report (Form DOE/NRC-742 and 742C) covering license material held at Battelle for the period ending September 30, 1998.

Any questions regarding this report should be directed to James L. Stickel at (614) 424-5202.

Very truly yours,



Stephen J. Layendecker
Radiation Safety Officer

SJL:JLS:psm*nrc.ltr
Enclosure

cc: Mr. Thomas Baillieul
U.S. Department of Energy
Columbus Area Office
555 Metro Place North, Ste. 415
Dublin, OH 43017

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AND
U.S. NUCLEAR REGULATORY COMMISSION
MATERIAL BALANCE REPORT

1. NAME AND ADDRESS BATTELLE 505 King Avenue Columbus, OH 43201		2. LICENSE NUMBER(S) SNM-7		3. REPORTING IDENTIFICATION SYMBOL (RIS) ZBK	
		4. REPORT PERIOD 4/1/1998 9/30/1998		5. MATERIAL TYPE PU-239 (Sum of 1800 for each type) 50	
SECTION A MATERIAL ACCOUNTABILITY					
7. DOE/NRC FORM ATTACHED ☐ YES ☐ NO		A. ELEMENT WEIGHT		B. ISOTOPE WEIGHT	
8. BEGINNING INVENTORY — DOE OWNED					
9. BEGINNING INVENTORY — NOT DOE OWNED		20		18	
11. PROCUREMENT FROM DOE		RECEIPTS RIS			
FROM:					
12. PROCUREMENT — FOR THE ACCOUNT OF DOE					
14. DOE RETURNS — USE A					
15. DOE RETURNS — USE B					
16. DOE RETURNS — OTHER USES					
21. PRODUCTION					
22. FROM OTHER MATERIALS		a. ICT b. ICT c. ICT			
30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC FORM 741 (NOT USED PREVIOUSLY)		FROM:		RIS	
38. DONATED MATERIAL — FROM DOE TO OTHERS					
39. DONATED MATERIAL — FROM OTHERS TO DOE					
40. TOTAL (Lines 38-39)		20		18	
41. EXPENDED IN SPACE PROGRAMS		REMOVALS			
42. SALES TO DOE RIS TO		RIS			
TO:					
43. SALES TO OTHERS FOR THE ACCOUNT OF DOE		RIS			
TO:					
44. DOE — USE A					
45. DOE — USE B					
46. DOE — OTHER USES					
47. EXPENDED IN DOE TESTS					
48. ROUTINE TESTS					
49. SHIPPER — RECEIVER DIFFERENCE					
51. SHIPMENTS REPORTED TO NRC/DOE ON DOE/NRC FORM 741 (NOT USED PREVIOUSLY)		TO:		RIS	
58. DONATED MATERIAL — TO DOE BY OTHERS					
59. DONATED MATERIAL — TO OTHERS BY DOE					
71. DEGRADATION TO OTHER MATERIALS		a. ICT b. ICT			
72. DECAY					
73. FISSION AND TRANSMUTATION					
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS					
75. ACCIDENTAL LOSSES					
76. APPROVED WRITE-OFFS					
77. INVENTORY DIFFERENCE					
80. ENDING INVENTORY — DOE OWNED					
81. ENDING INVENTORY — NOT DOE OWNED		20		18	
82. TOTAL (Lines 80-81)		20		18	
83. BIAS ADJUSTMENT					
SECTION B COUNTRY CONTROL NUMBER DATA					
1. COUNTRY CONTROL NUMBER		2. ELEMENT WEIGHT		3. ISOTOPE WEIGHT	
USUSUS00		20		18	
4. TOTAL WEIGHT (Total must agree with total on line 82 or 81 or 2+18)					
SECTION C CERTIFICATION					
18. See back of this form and enter the information given below and in any attached schedules in true, complete, and correct					
SIGNATURE: See instructions for provisions on confidentiality				DATE 9/30/1998	

U.S. DEPARTMENT OF ENERGY
AND
U.S. NUCLEAR REGULATORY COMMISSION
MATERIAL BALANCE REPORT

1. NAME AND ADDRESS BATTELLE 505 King Avenue Columbus, OH 43201		2. LICENSE NUMBER(S) SMM-7		3. REPORTING IDENTIFICATION SYMBOL (RIS) ZBKX	
		4. REPORT PERIOD 4/1/1998 9/30/1998		5. MATERIAL TYPE PU-Z38 (SUSMM, SMOB/SIA, SMOB) (or each type) 83	
SECTION A MATERIAL ACCOUNTABILITY					
7. DOE/NRC 740M ATTACHED ☐ YES ☐ NO		A. ELEMENT WEIGHT		B. ISOTOPE WEIGHT	
8. BEGINNING INVENTORY — DOE OWNED					
9. BEGINNING INVENTORY — NOT DOE OWNED		13.7		12.0	
11. PROCUREMENT FROM DOE		RECEIPTS			
FROM:		RIS			
13. PROCUREMENT — FOR THE ACCOUNT OF DOE					
14. DOE RETURNS — USE A					
15. DOE RETURNS — USE B					
16. DOE RETURNS — OTHER USES					
21. PRODUCTION					
22. FROM OTHER MATERIALS		A. ICT			
		B. ICT			
		C. ICT			
30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC FORM 741 (NOT BEING DISCLOSED)					
FROM:		RIS			
34. DONATED MATERIAL — FROM DOE TO OTHERS					
39. DONATED MATERIAL — FROM OTHERS TO DOE					
40. TOTAL (Lines 8-39)		13.7		12.0	
41. EXPENDED IN SPACE PROGRAMS		REMOVALS			
42. SALES TO DOE RIS TO		RIS			
TO:					
43. SALES TO OTHERS FOR THE ACCOUNT OF DOE		RIS			
TO:					
44. DOE — USE A					
45. DOE — USE B					
46. DOE — OTHER USES					
47. EXPENDED IN DOE TESTS					
48. ROUTINE TESTS					
49. SHIPPER — RECEIVER DIFFERENCE					
51. SHIPMENTS REPORTED TO NRC/DOE ON DOE NRC FORM 741 (NOT BEING DISCLOSED)					
TO:		RIS			
56. DONATED MATERIAL — TO DOE BY OTHERS					
59. DONATED MATERIAL — TO OTHERS BY DOE					
71. DEGRADATION TO OTHER MATERIALS		A. ICT			
		B. ICT			
72. DECAY					
73. FISSION AND TRANSMUTATION					
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCLOS					
75. ACCIDENTAL LOSSES					
76. APPROVED WRITE-OFFS					
77. INVENTORY DIFFERENCE					
80. ENDING INVENTORY — DOE OWNED					
81. ENDING INVENTORY — NOT DOE OWNED		13.7		12.0	
82. TOTAL (Lines 41-81)		13.7		12.0	
83. BIAS ADJUSTMENT					
SECTION B COUNTRY CONTROL NUMBER DATA					
1. COUNTRY CONTROL NUMBER		2. ELEMENT WEIGHT		3. ISOTOPE WEIGHT	
USUSUS00		13.7		12.0	
4. TOTAL WEIGHT					
(Total must agree with total on line 82 or 81 or both)					
SECTION C CERTIFICATION					
I, the signatory, hereby certify that the information given above and in any attached schedules is true, complete, and correct.					
SIGNATURE (See instructions for provisions for confidentiality)				DATE	
<i>[Signature]</i>				9/30/1998	
18 U.S.C. SECTION 1001, ACT OF JUNE 25, 1949, STAT. 749, MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTERS WITHIN ITS JURISDICTION.					

U.S. DEPARTMENT OF ENERGY
AND
U.S. NUCLEAR REGULATORY COMMISSION
PHYSICAL INVENTORY LISTING

DOE/NRC Form 742C
(7-80)
NATIONALLY DATA COLLECTION
AUTHORIZED BY 10 CFR 30.40, 50,
70, 75, 150, Public Law 93-703,
93-438, 95-91

1. NAME
BATTTELLE
STREET ADDRESS
505 King Avenue
CITY
Columbus
STATE
OH
ZIP CODE
43201

2. DOE/NRC FORM 740M ATTACHED
☐ YES ☒ NO

3. INVENTORY DATE
9/30/1998

4. REPORTING IDENTIFICATION SYMBOL (NIS)
ZBKX

5. LICENSE NUMBER(S)
SNM-7

6. BATCH DATA										7. MEASUREMENT I.D.				N. NIS
8. MATERIAL TYPE	10. COMPA/AC CODE	C. ELEMENT WEIGHT	D. ISOTOPE WEIGHT	A. DOE PROJECT NO.	F. SCRAP PROGRAM	G. ENRICHED PER CENT U235	H. ORIGIN CODE	I. MEASURED NUMBER	J. BATCH NAME	K. NO. OF ITEMS	L. KEY POSITION	M. DATE	N. DATE	
83	864	10.3	8.9				J	01						
83	864	3.4	3.1				J	01						
7. TOTALS		13.7	12.0											

To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.

8. SIGNATURE (See instructions for provisions regarding confidentiality)
James L. Stahl

9. TITLE

10. DATE
9/30/1998

10 U.S.C. SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749. MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTERS WITHIN ITS JURISDICTION.