

DOE/NRC FORM 742  
(7-2008)  
MANDATORY DATA  
COLLECTION  
AUTHORIZED BY  
10 CFR 30, 40, 50, 70, 72,  
74, 75, 150, Public Laws  
83-703, 93-438, 95-91

**U.S. DEPARTMENT OF ENERGY  
AND  
U.S. NUCLEAR REGULATORY COMMISSION**

**MATERIAL BALANCE REPORT**

APPROVED BY OMB: NO. 3150-0004

EXPIRES: 05/31/2011

Estimated burden per response to comply with this mandatory collection request: 5 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0004), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. NAME AND ADDRESS		2. LICENSE NUMBER(S)	3. REPORTING IDENTIFICATION SYMBOL (RIS)
6a. PROCESS CODE	6b. CORRECTION IDENTIFICATION	4. REPORT PERIOD (MM/DD/YYYY) FROM	5. MATERIAL TYPE (Submit separate report for each type) TO

**SECTION A MATERIAL ACCOUNTABILITY**

	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
7. DOE/NRC 740M ATTACHED <input type="checkbox"/> YES <input type="checkbox"/> NO		
8. BEGINNING INVENTORY -- U.S. GOVT-OWNED		
9. BEGINNING INVENTORY -- NOT U.S. GOVT-OWNED		
<b>RECEIPTS</b>		
11. PROCUREMENT FROM DOE RIS		
FROM:		
13. PROCUREMENT -- FOR THE ACCOUNT OF DOE		
14. DOD RETURNS -- USE A		
15. DOD RETURNS -- USE B		
16. DOD RETURNS -- OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
a. ICT		
b. ICT		
c. ICT		
30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)		
FROM:		
RIS		
34. RECEIPTS -- MISC		
37. PROCUREMENT BY OTHERS		
38. DONATED MATERIAL -- FROM U.S. GOVT TO OTHERS		
39. DONATED MATERIAL -- FROM OTHERS TO U.S. GOVT		
<b>40. TOTAL (Lines 8-39)</b>		
<b>REMOVALS</b>		
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO U.S. GOVT RIS TO:		
RIS		
TO:		
43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOVT RIS		
TO:		
44. DOD -- USE A		
45. DOD -- USE B		
46. DOD -- OTHER USES		
47. EXPENDED IN U.S. GOVT TESTS		
48. ROUTINE TESTS		
49. SHIPPER -- RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)		
TO:		
RIS		

<b>SECTION A (Continued)</b>		<b>MATERIAL ACCOUNTABILITY</b>	
		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
54. SHIPMENTS -- MISC			
58. DONATED MATERIAL -- TO U.S. GOVT BY OTHERS			
59. DONATED MATERIAL -- TO OTHERS BY U.S. GOVT			
65. ROUNDING BIAS			
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 -- U.S. GOVT OWNED			
81. ENDING INVENTORY -- NOT U.S. GOVT OWNED			
<b>82. TOTAL (lines 41-81)</b>			
83. BIAS ADJUSTMENT			

<b>SECTION B</b>		<b>FOREIGN OBLIGATIONS</b>	
1. COUNTRY OF OBLIGATION	2. ELEMENT WEIGHT	3. ISOTOPE WEIGHT	
<b>4. TOTAL WEIGHT</b>			

<b>SECTION C</b>		<b>CERTIFICATION</b>	
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.			
SIGNATURE <i>(See instructions for provisions on confidentiality)</i>	TITLE	DATE	

**WARNING:** FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL, AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 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 MATTER WITHIN ITS JURISDICTION.