DOE/NRC FORM 742 (09-08-2024) 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

Estimated burden per response to comply with this mandatory collection request: 2 hours for small licensees and 5 hours for large licensees. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov, and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0004), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503. The NRC may not conduct or sponsor, and a

EXPIRES: 09/30/2027

APPROVED BY OMB: NO. 3150-0004

MATERIAL BALANCE REPORT

			person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.				
1. NAME AND ADDRESS			2. LICENSE NUMBER(S)		3. REPORTING IDENTIFICATION SYMBOL (RIS)		
			4. REPORT PERIOD (MM/DD/YYYY)		5. MATERIAL TYPE		
			FROM TO		(Subi	(Submit separate report for each type)	
	TION	A MATERIAL ACC	COUNTA				
PC	SEQ			Α	. ELEMENT WE	IGHT	B. ISOTOPE WEIGHT
		8. BEGINNING INVENTORY U.S. GOVT-OWNED					
		9. BEGINNING INVENTORY NOT U.S. GOVT-OW	NED				
		RECEIPTS 14. PROCUPEMENT FROM DOE - PIS					
		11. PROCUREMENT FROM DOE RIS FROM:					
		FROW.					
		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 lis		ted elsewher	e)			
		FROM: RIS					
							_
		OA DECEIDTO MICO					
		34. RECEIPTS MISC 37. PROCUREMENT BY OTHERS					
		38. DONATED MATERIAL FROM U.S. GOVT TO O	THEDS				
		39. DONATED MATERIAL FROM 0.3. GOVT TO 0					<u> </u>
		40. TOTAL (Lines 8-39)	. 00 1				
		REMOVALS					
		41. EXPENDED IN SPACE PROGRAMS					
		42. SALES TO U.S. GOVT RIS TO:					
		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					

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RIS

47. EXPENDED IN U.S. GOVT TESTS

49. SHIPPER -- RECEIVER DIFFERENCE

51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)

48. ROUTINE TESTS

TO:

DOE/NRC FORM 742

(09-08-2024) 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 (Continued)

SECTION A (Continued) MATERIAL ACCOUNTABILITY									
PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT					
	1	54. SHIPMENTS MISC							
	I	58. DONATED MATERIAL TO U.S. GOVT BY OTHERS							
	· '	59. DONATED MATERIAL TO OTHERS BY U.S. GOVT							
		65. ROUNDING ADJUSTMENT							
	!	71. DEGRADATION TO OTHER MATERIALS a. ICT							
		b. ICT							
	<u> </u>	72. DECAY							
	'	73. FISSION AND TRANSMUTATION							
	!	74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS							
	'	75. ACCIDENTAL LOSSES							
	!	76. APPROVED WRITE-OFFS							
l	<u> </u>								
	<u> </u>	77. INVENTORY DIFFERENCE							
 		80. ENDING INVENTORY U.S. GOVT OWNED							
ı	<u> </u>	81. ENDING INVENTORY NOT U.S. GOVT OWNED							
	└	82. TOTAL (Lines 41-81)							
	()	83. BIAS ADJUSTMENT							
	TION	B FOREIGN OBLIGATIONS	,						
PC	SEQ	COUNTRY OF OBLIGATION	2. ELEMENT WEIGHT	3. ISOTOPE WEIGHT					
			T						
I									
i!									
		4. TOTAL WEIGHT							
SEC	TION	C CERTIFICATION							
To th	To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.								
SIGNATI	JRE (See	instructions for provisions on confidentially) 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									

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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.