



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 Information Services Branch (T-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@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.

MATERIAL BALANCE REPORT

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LABORATORY P.O. BOX 500 BATAVIA, IL 60510 USA ATTN: KATHY J. GRADEN, MAIL STOP 371		2. LICENSE NUMBER(S) PRIME DOE CONTRACTOR	3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA
		4. REPORT PERIOD (MM/DD/YYYY) FROM TO 07/01/2019 09/30/2019	5. MATERIAL TYPE (Submit separate report for each type) AMERICIUM-241: MT 44

SECTION A MATERIAL ACCOUNTABILITY

PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
	8.	BEGINNING INVENTORY -- U.S. GOVT-OWNED	11	11
	9.	BEGINNING INVENTORY -- NOT U.S. GOVT-OWNED		
		RECEIPTS		
	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		
	40.	TOTAL (Lines 8-39)	11	11
		REMOVALS		
	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		



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	4. REPORT PERIOD (MM/DD/YYYY) FROM 07/01/2019 TO 09/30/2019	5. MATERIAL TYPE (Submit separate report for each type) DEUTERIUM: MT 86

SECTION A MATERIAL ACCOUNTABILITY

PC	SEQ	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
	8. BEGINNING INVENTORY -- U.S. GOVT-OWNED		78.8
	9. BEGINNING INVENTORY -- NOT U.S. GOVT-OWNED		
	RECEIPTS		
	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		
	40. TOTAL (Lines 8-39)		78.8
	REMOVALS		
	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		

