



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 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 04/01/2020 TO 9/30/2020	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. GOV'T-OWNED	11	11
		9. BEGINNING INVENTORY -- NOT U.S. GOV'T-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. GOV'T TO OTHERS		
		39. DONATED MATERIAL -- FROM OTHERS TO U.S. GOV'T		
		<b>40. TOTAL (Lines 8-39)</b>	11	11
		<b>REMOVALS</b>		
		41. EXPENDED IN SPACE PROGRAMS		
		42. SALES TO U.S. GOV'T RIS TO: RIS TO:		
		43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOV'T RIS TO:		
		44. DOD -- USE A		
		45. DOD -- USE B		
		46. DOD -- OTHER USES		
		47. EXPENDED IN U.S. GOV'T 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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### SECTION A MATERIAL ACCOUNTABILITY

PC	SEQ	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
		8. BEGINNING INVENTORY -- U.S. GOV'T-OWNED	261,300
		9. BEGINNING INVENTORY -- NOT U.S. GOV'T-OWNED	523
<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. GOV'T TO OTHERS	
		39. DONATED MATERIAL -- FROM OTHERS TO U.S. GOV'T	
		<b>40. TOTAL (Lines 8-39)</b>	261,300
<b>REMOVALS</b>			
		41. EXPENDED IN SPACE PROGRAMS	
		42. SALES TO U.S. GOV'T RIS TO: RIS TO:	
		43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOV'T RIS TO:	
		44. DOD -- USE A	
		45. DOD -- USE B	
		46. DOD -- OTHER USES	
		47. EXPENDED IN U.S. GOV'T 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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### SECTION A MATERIAL ACCOUNTABILITY

PC	SEQ	DESCRIPTION	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
		8. BEGINNING INVENTORY -- U.S. GOV'T-OWNED		78.8
		9. BEGINNING INVENTORY -- NOT U.S. GOV'T-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. GOV'T TO OTHERS		
		39. DONATED MATERIAL -- FROM OTHERS TO U.S. GOV'T		
		<b>40. TOTAL (Lines 8-39)</b>		78.8
<b>REMOVALS</b>				
		41. EXPENDED IN SPACE PROGRAMS		
		42. SALES TO U.S. GOV'T RIS TO: RIS TO:		
		43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOV'T RIS TO:		
		44. DOD -- USE A		
		45. DOD -- USE B		
		46. DOD -- OTHER USES		
		47. EXPENDED IN U.S. GOV'T TESTS		
		48. ROUTINE TESTS		
		49. SHIPPER -- RECEIVER DIFFERENCE		
		51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere) TO: RIS		

