

UNCLASSIFIED

MAY CONTAIN PRELIMINARY DATA

PAGE 1 OF 19
RUNTIME 11/27/2019 12:34:52

THIS DOCUMENT CONSISTS OF 19 PAGES
(U) MATERIAL BALANCE REPORT BY FACILITY

M-742-FAC-CWA-QUA-20191127-0074.xml

NMMSS REPORT M-742-FAC-CWA-QUA

THIS REPORT MAY CONTAIN CORPORATE PROPRIETARY INFORMATION

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PREPARED BY:
NUCLEAR MATERIAL MANAGEMENT AND SAFEGUARDS SYSTEM

FOR
THE U. S. DEPARTMENT OF ENERGY
NA-532

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U. S. NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM
 (U) MATERIAL BALANCE REPORT BY FACILITY
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RUNTIME 11/27/2019 12:34:52

1. NAME AND ADDRESS

FERMI NATIONAL ACCELERATOR LAB., ILL

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION

SYMBOL (RIS) CWA

4. REPORT PERIOD

FROM 07/01/2019 TO 09/30/2019

5. MATERIAL TYPE

10 - DEPLETED URANIUM /KG

MATERIAL ACCOUNTABILITY

		A. ELEMENT WT.	B. ISOTOPE WT.
08. BEGINNING INVENTORY - DOE OWNED		261,300	523
	RECEIPTS		
40. TOTAL		261,300	523
	REMOVALS		
80. ENDING INVENTORY DOE OWNED		261,300	523
82. TOTAL		261,300	523

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5. MATERIAL TYPE

44 - AMERICIUM - 241 /GM

MATERIAL ACCOUNTABILITY

		A. ELEMENT WT.	B. ISOTOPE WT.
08. BEGINNING INVENTORY - DOE OWNED		11	11
	RECEIPTS		
40. TOTAL		11	11
	REMOVALS		
80. ENDING INVENTORY DOE OWNED		11	11
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FROM 07/01/2019 TO 09/30/2019

5. MATERIAL TYPE

60 - ENRICHED LITHIUM /KG

MATERIAL ACCOUNTABILITY

A. ELEMENT WT.

B. ISOTOPE WT.

08. BEGINNING INVENTORY - DOE OWNED

RECEIPTS

40. TOTAL

REMOVALS

80. ENDING INVENTORY DOE OWNED

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5. MATERIAL TYPE

86 - DEUTERIUM /KG

MATERIAL ACCOUNTABILITY

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08. BEGINNING INVENTORY - DOE OWNED		78.8
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FROM 04/01/2019 TO 09/30/2019 SEMTD

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MATERIAL ACCOUNTABILITY

		A. ELEMENT WT.	B. ISOTOPE WT.
08. BEGINNING INVENTORY - DOE OWNED		261,300	523
	RECEIPTS		
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5. MATERIAL TYPE

60 - ENRICHED LITHIUM /KG

MATERIAL ACCOUNTABILITY

	A. ELEMENT WT.	B. ISOTOPE WT.
08. BEGINNING INVENTORY - DOE OWNED	8	7
09. BEGINNING INVENTORY - NOT DOE OWNED		
	RECEIPTS	
40. TOTAL	8	7
	REMOVALS	
51. SHIPMENTS REPORTED ON FORM DOE/NRC-741		
Y-12 NAT SECURITY COMPLEX SAFEGUARDS	FZF	
80. ENDING INVENTORY DOE OWNED	8	7
82. TOTAL	8	7

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Parameters Entered

<u>Parameter Name</u>	<u>Value</u>
ReportID	M-742
ReportLevel	FAC
ReportResponsibleRIS	CWA
ReportFrequency	QUA
ReportFileName	M-742-FAC-CWA-QUA-20191127-0074.xml
RIS	CWA
STARTDATE	Jul 1 2019 12:00AM
ENDDATE	Sep 30 2019 12:00AM
YTD	Y
SEMTD	Y
QTD	Y
Exclude Waste RIS's	Y
IAEA	Y
MATERIALTYPE	

**END
OF
REPORT**