

**MAY CONTAIN PRELIMINARY DATA**

**PAGE 1 OF 19**  
**RUNTIME 12/08/2022 07:04:28**

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

M-742-FAC-CWA-QUA-20221208-0060.xml

**NMMSS REPORT M-742-FAC-CWA-QUA**

**THIS REPORT MAY CONTAIN CORPORATE PROPRIETARY INFORMATION**

**UNCLASSIFIED**

**PREPARED BY:**  
**NUCLEAR MATERIAL MANAGEMENT AND SAFEGUARDS SYSTEM**

**FOR**  
**THE U. S. DEPARTMENT OF ENERGY**  
**NA-ESH-12**

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**U. S. NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM  
(U) MATERIAL BALANCE REPORT BY FACILITY  
GENERATED**

RUNTIME 12/08/2022 07:04:28

**1. NAME AND ADDRESS**

FERMI NATIONAL ACCELERATOR LAB., ILL

**2. LICENSE NUMBER(S)**

**3. REPORTING IDENTIFICATION**

SYMBOL (RIS) CWA

**4. REPORT PERIOD**

FROM 07/01/2022 TO 09/30/2022

**5. MATERIAL TYPE**

10 - DEPLETED URANIUM /KG

**MATERIAL ACCOUNTABILITY**

		<b>A. ELEMENT WT.</b>	<b>B.ISOTOPE WT.</b>
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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**4. REPORT PERIOD**

FROM 07/01/2022 TO 09/30/2022

**5. MATERIAL TYPE**

44 - AMERICIUM - 241 /GM

**MATERIAL ACCOUNTABILITY**

		<b>A. ELEMENT WT.</b>	<b>B.ISOTOPE WT.</b>
08. BEGINNING INVENTORY - DOE OWNED		11	11
	RECEIPTS		
40. TOTAL		11	11
	REMOVALS		
80. ENDING INVENTORY DOE OWNED		11	11
82. TOTAL		11	11

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**4. REPORT PERIOD**

**FROM 07/01/2022 TO 09/30/2022**

**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

82. TOTAL

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**5. MATERIAL TYPE**

**86 - DEUTERIUM /KG**

**MATERIAL ACCOUNTABILITY**

	<b>A. ELEMENT WT.</b>	<b>B.ISOTOPE WT.</b>
08. BEGINNING INVENTORY - DOE OWNED		78.8
	RECEIPTS	
40. TOTAL		78.8
	REMOVALS	
80. ENDING INVENTORY DOE OWNED		78.8
82. TOTAL		78.8

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FROM 04/01/2022 TO 09/30/2022 SEMTD

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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-20221208-0060.xml
RIS	CWA
STARTDATE	Jul 1 2022 12:00AM
ENDDATE	Sep 30 2022 12:00AM
YTD	Y
SEMTD	Y
QTD	Y
Exclude Waste RIS's	Y
IAEA	Y
MATERIALTYPE	



**END  
OF  
REPORT**