

**UNCLASSIFIED  
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**PAGE 1 OF 19  
RUNTIME 04/21/2023 11:33:12**

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

**M-742-FAC-CWA-QUA-20230421-0031.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-ESH-12**

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

**RUNTIME 04/21/2023 11:33:12**

**1. NAME AND ADDRESS**

**FERMI NATIONAL ACCELERATOR LAB., ILL**

**2. LICENSE NUMBER(S)**

**3. REPORTING IDENTIFICATION  
SYMBOL (RIS) CWA**

**4. REPORT PERIOD**

**FROM 02/01/2023 TO 03/31/2023**

**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
40. TOTAL	RECEIPTS	261,300	523
80. ENDING INVENTORY DOE OWNED	REMOVALS	261,300	523
82. TOTAL		261,300	523

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SYMBOL (RIS) CWA

**4. REPORT PERIOD**

FROM 02/01/2023 TO 03/31/2023

**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
40. TOTAL	RECEIPTS	11	11
80. ENDING INVENTORY DOE OWNED	REMOVALS	11	11
82. TOTAL		11	11

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SYMBOL (RIS) CWA

**4. REPORT PERIOD**

FROM 02/01/2023 TO 03/31/2023

**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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FROM 02/01/2023 TO 03/31/2023

**5. MATERIAL TYPE**

86 - DEUTERIUM /KG

**MATERIAL ACCOUNTABILITY**

**A. ELEMENT WT.**

**B.ISOTOPE WT.**

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 01/01/2023 TO 03/31/2023 QTD**

**5. MATERIAL TYPE**

**10 - DEPLETED URANIUM /KG**

**MATERIAL ACCOUNTABILITY**

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78.8

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78.8

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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-20230421-0031.xml
RIS	CWA
STARTDATE	Feb 1 2023 12:00AM
ENDDATE	Mar 31 2023 12:00AM
YTD	Y
SEMTD	Y
QTD	Y
Exclude Waste RIS's	Y
IAEA	Y
MATERIALTYPE	

**END  
OF  
REPORT**