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**PAGE 1 OF 19
RUNTIME 01/24/2023 06:36:37**

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

M-742-FAC-CWA-QUA-20230124-0004.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 01/24/2023 06:36:37

1. NAME AND ADDRESS

FERMI NATIONAL ACCELERATOR LAB., ILL

2. LICENSE NUMBER(S)

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

4. REPORT PERIOD

FROM 10/01/2022 TO 12/31/2022

5. MATERIAL TYPE

10 - DEPLETED URANIUM /KG

MATERIAL ACCOUNTABILITY

		A. ELEMENT WT.	B.ISOTOPE WT.
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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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
82. TOTAL		11	11

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5. MATERIAL TYPE

60 - ENRICHED LITHIUM /KG

MATERIAL ACCOUNTABILITY

A. ELEMENT WT.

B.ISOTOPE WT.

08. BEGINNING INVENTORY - DOE OWNED

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40. TOTAL

REMOVALS

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82. TOTAL

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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

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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-20230124-0004.xml
RIS	CWA
STARTDATE	Oct 1 2022 12:00AM
ENDDATE	Dec 31 2022 12:00AM
YTD	Y
SEMTD	Y
QTD	Y
Exclude Waste RIS's	Y
IAEA	Y
MATERIALTYPE	

**END
OF
REPORT**