MAY CONTAIN PRELIMINARY DATA

PAGE 1 OF 19 RUNTIME 12/21/2020 11:06:29

THIS DOCUMENT CONSISTS OF 19 PAGES

(U) MATERIAL BALANCE REPORT BY FACILITY

M-742-FAC-CWA-QUA-20201221-0041.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-532

> > UNCLASSIFIED

M-742-FAC-CWA-QUA-20201221-0041.xml

MAY CONTAIN PRELIMINARY DATA

NMMSS REPORT M-742

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

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL 2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 07/01/2020 TO 09/30/2020 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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NMMSS REPORT M-742

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

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 07/01/2020 TO 09/30/2020 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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M-742-FAC-CWA-QUA-20201221-0041.xml

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

A. ELEMENT WT.

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL

NMMSS REPORT M-742

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD

FROM 07/01/2020 TO 09/30/2020

5. MATERIAL TYPE 60 - ENRICHED LITHIUM /KG

B.ISOTOPE WT.

MATERIAL ACCOUNTABILITY

08. BEGINNING INVENTORY - DOE OWNED

RECEIPTS

40. TOTAL

REMOVALS

80. ENDING INVENTORY DOE OWNED

82. TOTAL

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MAY CONTAIN PRELIMINARY DATA

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

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 07/01/2020 TO 09/30/2020 5. MATERIAL TYPE 86 - DEUTERIUM /KG

A. ELEMENT WT.	B.ISOTOPE WT.	
	78.8	
	78.8	
	78.8	
	78.8	
	A. ELEMENT WT.	78.8 78.8 78.8

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MAY CONTAIN PRELIMINARY DATA

NMMSS REPORT M-742

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

RUNTIME 12/21/2020 11:06:29

PAGE 6 OF 19

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL 2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 07/01/2020 TO 09/30/2020 QTD 5. MATERIAL TYPE 10 - DEPLETED URANIUM /KG

MATERIAL ACCOUNTABILITY

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

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NMMSS REPORT M-742

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

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1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL 3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 07/01/2020 TO 09/30/2020 QTD

2. LICENSE NUMBER(S)

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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MAY CONTAIN PRELIMINARY DATA

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

A. ELEMENT WT.

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL

NMMSS REPORT M-742

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD

FROM 07/01/2020 TO 09/30/2020 QTD

5. MATERIAL TYPE 60 - ENRICHED LITHIUM /KG

B.ISOTOPE WT.

MATERIAL ACCOUNTABILITY

08. BEGINNING INVENTORY - DOE OWNED

RECEIPTS

REMOVALS

80. ENDING INVENTORY DOE OWNED

82. TOTAL

40. TOTAL

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MAY CONTAIN PRELIMINARY DATA

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

RUNTIME 12/21/2020 11:06:29

FERMI NATIONAL ACCELERATOR LAB., ILL

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 07/01/2020 TO 09/30/2020 QTD

2. LICENSE NUMBER(S)

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	

1. NAME AND ADDRESS

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NMMSS REPORT M-742

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

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL 3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 04/01/2020 TO 09/30/2020 SEMTD

2. LICENSE NUMBER(S)

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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M-742-FAC-CWA-QUA-20201221-0041.xml

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NMMSS REPORT M-742

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

RUNTIME 12/21/2020 11:06:29

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1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL 3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 04/01/2020 TO 09/30/2020 SEMTD

2. LICENSE NUMBER(S)

5. MATERIAL TYPE 44 - AMERICIUM - 241 /GM

MATERIAI	ACCOUNTABILITY
	// COOUNT// DIEITI

	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	

MAY CONTAIN PRELIMINARY DATA

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

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL

NMMSS REPORT M-742

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION

A. ELEMENT WT.

SYMBOL (RIS) CWA

4. REPORT PERIOD

FROM 04/01/2020 TO 09/30/2020 SEMTD

5. MATERIAL TYPE 60 - ENRICHED LITHIUM /KG

B.ISOTOPE WT.

MATERIAL ACCOUNTABILITY

08. BEGINNING INVENTORY - DOE OWNED

RECEIPTS

REMOVALS

80. ENDING INVENTORY DOE OWNED

82. TOTAL

40. TOTAL

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MAY CONTAIN PRELIMINARY DATA

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

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS 2. LICENSE NUMBER(S) 3. REPORTING IDENTIFICATION FERMI NATIONAL ACCELERATOR LAB., ILL SYMBOL (RIS) CWA 4. REPORT PERIOD 5. MATERIAL TYPE FROM 04/01/2020 TO 09/30/2020 SEMTD 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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MAY CONTAIN PRELIMINARY DATA

NMMSS REPORT M-742

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

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL 2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 10/01/2019 TO 09/30/2020 YTD 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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MAY CONTAIN PRELIMINARY DATA

NMMSS REPORT M-742

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

RUNTIME 12/21/2020 11:06:29

PAGE 15 OF 19

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL 3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 10/01/2019 TO 09/30/2020 YTD

2. LICENSE NUMBER(S)

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	

MAY CONTAIN PRELIMINARY DATA

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

A. ELEMENT WT.

RUNTIME 12/21/2020 11:06:29

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL

NMMSS REPORT M-742

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD

FROM 10/01/2019 TO 09/30/2020 YTD

5. MATERIAL TYPE 60 - ENRICHED LITHIUM /KG

B.ISOTOPE WT.

MATERIAL ACCOUNTABILITY

08. BEGINNING INVENTORY - DOE OWNED

RECEIPTS

40. TOTAL

REMOVALS

80. ENDING INVENTORY DOE OWNED

82. TOTAL

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MAY CONTAIN PRELIMINARY DATA

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

RUNTIME 12/21/2020 11:06:29

PAGE 17 OF 19

1. NAME AND ADDRESS FERMI NATIONAL ACCELERATOR LAB., ILL

NMMSS REPORT M-742

2. LICENSE NUMBER(S)

3. REPORTING IDENTIFICATION SYMBOL (RIS) CWA

4. REPORT PERIOD FROM 10/01/2019 TO 09/30/2020 YTD 5. MATERIAL TYPE 86 - DEUTERIUM /KG

MATERIAL ACCOUNTABILITY

	A. ELEMENT WT.	B.ISOTOPE WT.	
08. BEGINNING INVENTORY - DOE OWNED		78.8	
R	CEIPTS		
40. TOTAL		78.8	
RE	MOVALS		
80. ENDING INVENTORY DOE OWNED		78.8	
82. TOTAL		78.8	

MAY CONTAIN PRELIMINARY DATA

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

RUNTIME 12/21/2020 11:06:29

Parameters Entered

Parameter Name	<u>Value</u>
ReportID	M-742
ReportLevel	FAC
ReportResponsibleRIS	CWA
ReportFrequency	QUA
ReportFileName	M-742-FAC-CWA-QUA-20201221-0041.xml
RIS	CWA
STARTDATE	Jul 1 2020 12:00AM
ENDDATE	Sep 30 2020 12:00AM
YTD	Y
SEMTD	Y
QTD	Y
Exclude Waste RIS's	Y
IAEA	Y
MATERIALTYPE	

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END OF REPORT

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M-742-FAC-CWA-QUA-20201221-0041.xml