

**NMMSS Users Annual Training Meeting
Atlanta, Georgia—May 22-24, 2007**

Source material reporting

Optional gram units

Brian Horn

Definition

- Source material

- 1) natural or depleted uranium, or thorium

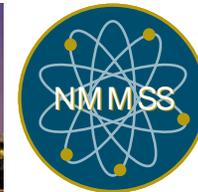
- 2) Ores that contain by weight 0.05 percent or more of uranium, thorium or depleted uranium

- 3) is not special nuclear material



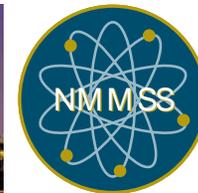
Definition continued

- Natural uranium:
 - Uranium as found in nature, containing about 0.711 percent of uranium-235
 - 99.238 percent of uranium-238 and
 - A trace (0.06 percent) of uranium-234



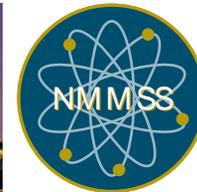
Definition continued

- Depleted uranium:
 - Uranium having a percent of uranium-235 less than the naturally occurring distribution of uranium-235 found in nature (less than 0.711 weight percent U-235)
 - It is obtained from spent (used) fuel elements or as a byproduct from uranium isotope separation



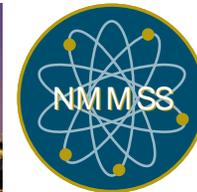
Definitions continued

- Special nuclear material:
 - Plutonium, uranium-233 or uranium enriched above 0.711 percent by weight in the isotope uranium-235



Reporting source material to NMMSS

- Source material is reported to NMMSS at the kilogram unit
 - 0.5 kilograms or more of source material is rounded up
 - 10.6 kilograms of source material is reported to NMMSS as 11 kilograms
 - 8.3 kilograms of source material is reported to NMMSS as 8 kilograms



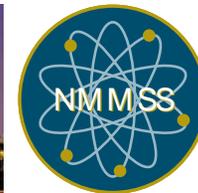
Reporting source material to NMMSS, continued

- Natural uranium is reported as kilogram units of uranium with no uranium-235 quantity (MT=81)
- Depleted uranium is reported as kilogram units of uranium and kilograms of uranium-235 quantity (MT=10)
- Thorium is reported as kilogram units of thorium and no isotopic quantity (MT=88)



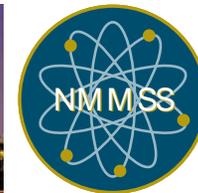
NMMSS Upgrade- Optional Reporting of source material

- The NMMSS Upgrade will allow an option for reporting source material
 - This is in response to Industries request
 - This will be for RIS use
 - Optional reporting will NOT Impact other RIS's
 - Source material will still be reported at Kilogram quantity
 - RIS's may also report to 3 digit (gram unit)
 - This option may be used starting Fall 2008



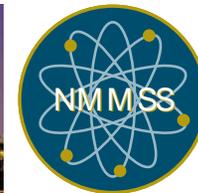
NMMSS Upgrade- Optional Reporting of source material, continued

- RIS's must use XML format to report source material at kilogram plus 3 digit to NMMSS
- RIS's will formally declare to NMMSS that they will use 3 digit reporting of source material
- 3 digit reporting of source material will start at the beginning of a material balance period
- If your RIS does not want to use 3 digit reporting option, you do not have to change your reporting practices
- Shipments between all RIS's must use the same reporting unit



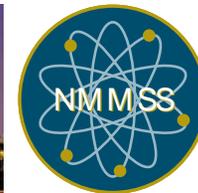
NMMSS Upgrade- Optional Reporting of source material, continued

- The RIS will:
 - Determine if it wants to track source material at the 3 digit unit and report to NMMSS
 - Make the adjustment to NMMSS to bring the RIS 3 digit quantities in agreement with NMMSS values



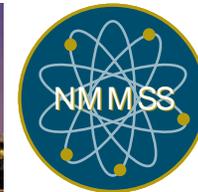
NMMSS Upgrade- Optional Reporting of source material, continued

- The NMMSS data base will:
 - Continue to show historical information of source material in the kilogram unit
 - Report back to the RIS exactly what the RIS reports to NMMSS



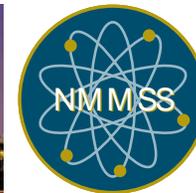
NMMSS Upgrade- Optional Reporting of source material, continued

- Transfer of source material between RIS's
 - Transfers between RIS's must be in the same units
 - RIS may receive in kilogram unit and then report a rounding adjustment (A/M transaction) to convert quantity to 3 digit value
 - Exports and imports may be reported to NMMSS with the 3 digit values



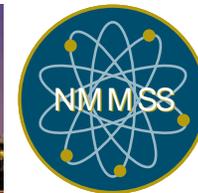
NMMSS Upgrade- Optional Reporting of source material, continued

- Obligation reporting of source material
 - RIS is to report obligation values at the same unit as the RIS reports source material to the NMMSS



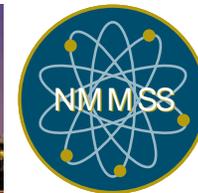
NMMSS Upgrade- Optional Reporting of source material, continued

- A RIS using the 3-digit option shipping to a RIS not using the 3-digit option must report to the whole kilogram
- A RIS using the 3-digit option receiving from a RIS not using the 3-digit option must report to the whole kilogram
- Shipper or receiver using the 3-digit option must report an adjustment transaction using Type of Inventory (TIC) code 65 (rounding)



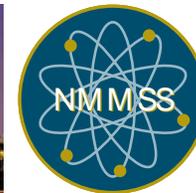
NMMSS Upgrade- Optional Reporting of source material, continued

- TIC code -65, a negative value, will add the adjusting amount
- TIC code 65, a positive value, will subtract the adjusting amount
- The adjusting transaction is reported at the time of the shipment or receipt



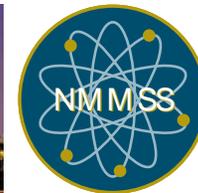
NMMSS Upgrade- Optional Reporting of source material, continued

- NMMSS directories will provide instructions for reporting the optional 3-digit precision in electronic XML format
 - D-23, Personal Computer Data Input for DOE Contractors
 - D-24, Personal Computer Data Input for NRC Licensees



NMMSS Upgrade- Optional Reporting of source material, continued

- Facility must notify NMMSS in writing as soon as they decide to use 3-digit precision
- Notification Example: *RIS XXX (or multiple RISs) will commence reporting source material to 3-digit precision on (effective date). Subsequent to this date, an adjusting transaction, with an concise note will be submitted to NMMSS to convert the book balance to 3-digits*



NMMSS Upgrade- Optional Reporting of source material, continued

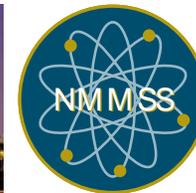
- Notification sent either mail or email

Mail

NAC International
Tina Barnett
Program Director
P.O. Box 922088
Norcross, GA 30010

Email

tbarnett@nacintl.com



Example: Decimal Facility shipping to Non Decimal Facility: Shipper's Side

DOE/NRC FORM 741 (4-2005) PREVIOUS EDITIONS ARE OBSOLETE
 MANDATORY DATA COLLECTION AUTHORITY: 10 CFR 90.40, 92.70, 92.74, 92.150, Pucillo Lane 92-702, 92-432, 92-51

U.S. DEPARTMENT OF ENERGY AND NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for (USA) accounting records that show transfers of the form of nuclear materials. Send comments regarding burden estimate for the Records and FOIA Privacy, Services Branch (75-353), U.S. Nuclear Regulatory Commission, Washington, DC 20585-0001, by e-mail and to: r300-ed@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEDB-0200 (3160-0000), Office of Management and Budget, Washington, DC 20503. This means used to impose an information collection does not display a currently valid OMB control number. The NRC may not conduct or sponsor and a person is not required to respond to, the information collection.

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS Decimal RIS	2. RECEIVER'S RIS Non Decimal RIS	3. TRANSACTION NO. 000001	4. CORRECTION NO.	5. PROCESSING CODE a. SHIPPER A b. RECEIVER	6. ACTION CODE a. SHIPPER A b. RECEIVER
8.a. NAME AND ADDRESS OF SHIPPER Decimal Facility 1234 Somewhere, Nowhere, NJ		8.b. LICENSE NO.		9.a. NAME AND ADDRESS OF RECEIVER	

Decimal RIS shipping to a Non Decimal RIS

26. SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF INV. CHANGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP/FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT.			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
	a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	1 BASIS	2 OMP	3 METHOD	l.	m.	n.	o.	p.	q.	r.
			01		Decimal RIS to Non Decimal	1		10	776								575		.3478	2

26s. SHIPPER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

27s. RECEIVER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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Example: Decimal Facility shipping to Non Decimal Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 83-703, 93-438, 95-91		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0003 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollections@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRC-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.		EXPIRES: 04/30/2008	
NUCLEAR MATERIAL TRANSACTION REPORT							
1. SHIPPER'S RIS Decimal RIS		2. RECEIVER'S RIS Non Decimal RIS		3. TRANSACTION NO. 000001		4. CORRECTION NO.	
5. PROCESSING CODE A		6. ACTION CODE B		7. DOCUMENTATION (Only if document is classified SECRET)			
8. SHIPPER		9. RECEIVER		PAGE OF PAGES		COPY OF COPIES	
10. NO. OF DATA LINES 1		11. NATURE OF TRANSACTION		NO.		SERIES	
12a. SHIPPED FOR ACCOUNT OF b. RIS		13a. SHIPPED TO ACCOUNT OF b. RIS		1		1	
14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER		15. EXPORT OR IMPORT TRANSFER: LICENSE NO.		16. MATERIAL TYPE AND DESCRIPTION		17. LINE NUMBER	
18. ATTENTION: John Doe TELEPHONE: (555) 555-5555		18. ATTENTION: Jane Doe TELEPHONE: (555) 555-5555		19. MATERIAL TYPE		20. OBLIGATED ELEMENT WEIGHT	
21. ACTION DATE		22. MONTH (MM)		23. DAY (DD)		24. YEAR (YYYY)	
23a. MISCELLANEOUS Gram RIS shipping to a Kilogram RIS		b. CONDENSE NOTE ATTACHED <input type="checkbox"/>		c. UK REPORTABLE? <input type="checkbox"/> YES <input type="checkbox"/> NO		25. SHIPPER'S CORRECTION	
24. TOTAL GROSS WEIGHT		25. TOTAL VOLUME (Volume Transfers Only)		26. RECEIVER'S CORRECTION		27. RECEIVER'S CORRECTION	
26. SHIPPER'S DATA		27. RECEIVER'S DATA		28. SHIPPER'S DATA		29. RECEIVER'S DATA	
30. SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED		31. SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED		32. SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED		33. SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED	
34. BACK REFERENCE NUMBER		35. LINE NO.		36. TYPE OF RW CHANGE		37. IDENTIFICATION (ITEMS/ATCH NAME)	
38. NO. OF ITEMS		39. PROJECT NUMBER		40. MATE. SIZ. TYPE		41. COMPR. FACILITY CODE	
42. OWNER CODE		43. KEY POINT		44. MSAID IDENT.		45. GROSS WEIGHT	
46. NET WEIGHT		47. ELEMENT WEIGHT		48. ELEMENT LIMIT OF ERROR		49. WEIGHT % ISOTOPE	
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Example: Decimal Facility shipping to Non Decimal Facility: Receiver's Side

DOE/NRC FORM 741
 U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION
 APPROVED BY OMB: NO. 3150-0003
 EXPIRES: 04/30/2008

1. SHIPPER'S RIS Decimal RIS	2. RECEIVER'S RIS Non Decimal RIS	3. TRANSACTION NO. 000001	4. CORRECTION NO.	5. PROCESSING CODE a. SHIPPER b. RECEIVER A		6. ACTION CODE a. SHIPPER b. RECEIVER B	
7. SHIPPER'S ADDRESS Decimal Facility 1234 Something Rd Nowhere, MO 12345 ATTENTION: John Doe TELEPHONE: (555) 555-5555		8. RECEIVER'S ADDRESS Non Decimal Facility 4321 Nothing St Somewhere, MO 54321 ATTENTION: Jane Doe TELEPHONE: (555) 555-5555		9. NATURE OF TRANSACTION 11. NATURE OF TRANSACTION		10. DISTRIBUTION OF COPIES	

BACK REFERENCE NUMBER	LINE NO.	TYPE OF INV. CHANGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP. FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT.			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
										1 BASIS	2 OMP	3 METHOD							

26s. SHIPPER'S DATA										27s. RECEIVER'S DATA									
SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED										SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED									
27. RECEIVER'S DATA	01	Decimal RIS to Non Decimal			1		10	776						525			.3478	2	

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy & the U.S. Nuclear Regulatory Commission



Example: Non Decimal Facility shipping to Decimal Facility: Shipper's Side

1. SHIPPER'S RIS		2. RECEIVER'S RIS		3. TRANSACTION NO.		4. CORRECTION NO.		5. PROCESSING CODE				6. ACTION CODE				7. DOCUMENTATION (Only if document is classified SECRET)			
Non Decimal RIS		Decimal RIS		000001				a. SHIPPER A				b. RECEIVER				PAGE OF PAGES COPY OF COPIES SERIES			
8.a. NAME AND ADDRESS OF SHIPPER		8.b. LICENSE NO.		8.a. NAME AND ADDRESS OF RECEIVER		8.b. LICENSE NO.		10. NO. OF DATA LINES				11. NATURE OF TRANSACTION				12. DISTRIBUTION OF COPIES			
Non Decimal Facility 4321 Nothing St Sometime, MO 54321				Decimal Facility 1234 Something Rd Nowhere, MO 12345				10.a. SHIPPED FOR ACCOUNT OF				11.a. SHIPPED TO ACCOUNT OF				12			
9. ATTENTION: Jane Doe				9. ATTENTION: John Doe				13. SHIPPED FOR ACCOUNT OF				11.b. SHIPPED TO ACCOUNT OF				1			
10. TELEPHONE: (555) 555-5555				10. TELEPHONE: (555) 555-5555												3			
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DOE/NRC FORM 741 (4-2005)

PRINTED ON RECYCLED PAPER

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Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy &
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Example: Non Decimal Facility shipping to Decimal Facility: Shipper's Side

DOE/NRC FORM 741 (4-2005). Previous editions are obsolete. MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 93-703, 93-438, 95-211		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0003 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to info.comments@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information		EXPIRES: 04/30/2008	
NUCLEAR MATERIAL TRANSACTION REPORT							
1. SHIPPER'S RIS Non Decimal RIS		2. RECEIVER'S RIS Decimal RIS		3. TRANSACTION NO. 000001		4. CORRECTION NO.	
5. PROCESSING CODE a. SHIPPER A		b. RECEIVER		6. ACTION CODE a. SHIPPER A		b. RECEIVER	
7. DOCUMENTATION (Only if document is classified SECRET)							
8. DISTRIBUTION OF COPIES							
9. ATTENTION: Jane Doe 4321 Nothing St Sometime, MO 54321		10. ATTENTION: John Doe 1234 Something Rd Nowhere, MO 12345		11. SHIPPED FOR ACCOUNT OF a. RIS		12. SHIPPED TO ACCOUNT OF b. RIS	
13. TELEPHONE: (555) 555-5555		14. TELEPHONE: (555) 555-5555		15. EXPORT OR IMPORT TRANSFER: LICENSE NO.		16. ACTION DATE MONTH: 03 DAY: 31 YEAR: 2006	
17. MATERIAL TYPE AND DESCRIPTION		18. CONCISE NOTE ATTACHED <input type="checkbox"/>		19. UK REPORTABLE? <input type="checkbox"/> YES <input type="checkbox"/> NO		20. SHIPPER'S CORRECTION	
21. MISCELLANEOUS Non Decimal RIS shipping to a Decimal RIS		22. SHIPPER'S CORRECTION		23. RECEIVER'S MEASUREMENT		24. RECEIVER'S CORRECTION	
25. SHIPPER'S DATA							
26. RECEIVER'S DATA							
<p>WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.</p>							

NMSS Users Annual Training Meeting
Atlanta, Georgia—May 22-24, 2007
Sponsored by the U.S. Department of Energy &
the U.S. Nuclear Regulatory Commission



Example: Non Decimal Facility shipping to Decimal Facility: Shipper's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete
 MANDATORY DATA COLLECTION
 UJT-OR-SEP BY: 10 FEB 90, 40, 52, 70, 72, 74, 75, 150,
 PUBLIC LAWS 95-703, 95-435, 95-251

U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008
 Est. rated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch, MS 7533, U.S. Nuclear Regulatory Commission, Washington, DC 20585-0001, or by internet email to nrcfoiaedit@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRCB-0200 (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS: Non Decimal RIS
 2. RECEIVER'S RIS: Decimal RIS
 3. TRANSACTION NO.: 000001
 4. CORRECTION NO.:
 5. PROCESSING CODE: a. SHIPPER A, b. RECEIVER
 6. ACTION CODE: a. SHIPPER A, b. RECEIVER

1. SHIPPER'S NAME AND ADDRESS: Sometime, MO 54321
 2. RECEIVER'S NAME AND ADDRESS: Nowhere, MO 12345
 3. SHIPPER'S CONTACT: Jane Doe (555) 555-5555
 4. RECEIVER'S CONTACT: John Doe (555) 555-5555

14. TRANSFER AUTHORITY - CONTRACT NUMBER, INVOICE OR ORDER NUMBER
 15. EXPORT OR IMPORT REGISTERS LICENSE NO.

16. MATERIAL TYPE AND DESCRIPTION

17. LINE NUMBER	18. QUANTITY OR COLLECTION	19. MATERIAL TYPE	20. DATE ELEMENTS	21. ISOTOPE	22. ACCEPTANCE DATE	23. DATE	24. YEAR

26. SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF INV. CHANGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP. FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT. k			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
	a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	1 BASIS	2 OMP	3 METHOD	l.	m.	n.	o.	p.	q.	r.
			01		Non Decimal to Decimal.	1		10	776								1325		.1509	2

26s. SHIPPER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

27s. RECEIVER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

27. RECEIVER'S DATA

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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NMSS Users Annual Training Meeting
 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy & the U.S. Nuclear Regulatory Commission



Example: Non Decimal Facility shipping to Decimal Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete
 MANDATORY DATA COLLECTION
 AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150,
 Public Laws 93-703, 93-436, 95-51

U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-8 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; or by internet e-mail to infocollect@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information

EXPIRES: 04/30/2008

NUCLEAR MATERIAL TRANSACTION REPORT

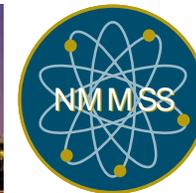
1. SHIPPER'S RIS Non Decimal RIS		2. RECEIVER'S RIS Decimal RIS		3. TRANSACTION NO. 000001		4. CORRECTION NO.		5. PROCESSING CODE a. SHIPPER b. RECEIVER A		6. ACTION CODE a. SHIPPER b. RECEIVER B		7. DOCUMENTATION (Only if document is classified SECRET)	
8. ATTENTION: Jane Doe 4321 Nothing St Sometime, MO 54321		9. ATTENTION: John Doe 1234 Something Rd Nowhere, MO 12345		10. SHIPPED FOR ACCOUNT OF a. RIS		11. SHIPPED TO ACCOUNT OF b. RIS		12. DISTRIBUTION OF COPIES		13. NO. OF PAGES		14. COPY OF COPIES	
14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER		15. EXPORT OR IMPORT TRANSFER: LICENSE NO.		16. MATERIAL TYPE AND DESCRIPTION		17. LINE NUMBER		18. COUNTRY OF OBLIGATION		19. MATERIAL TYPE		20. OBLIGATED ELEMENT WEIGHT	
23a. MISCELLANEOUS Non Decimal RIS shipping to a Decimal RIS		b. CONCISE NOTE ATTACHED <input type="checkbox"/>		c. UK REPORTABLE? YES <input type="checkbox"/> NO <input type="checkbox"/>		22. ACTION DATE a. SHIPMENT b. SHIPPER'S CORRECTION c. RECEIPT d. RECEIVER'S MEASUREMENT e. RECEIVER'S CORRECTION		MONTH (MM)		DAY (DD)		YEAR (YYYY)	
24. TOTAL GROSS WEIGHT		25. TOTAL VOLUME (Nuclear Transfer Only)		26. SHIPPER'S DATA		27. RECEIVER'S DATA		28. SHIPPER'S DATA		29. RECEIVER'S DATA		30. SHIPPER'S DATA	

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

DOE/NRC FORM 741 (4-2005)

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NMSS Users Annual Training Meeting
 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy &
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Example: Decimal Facility Internal Transaction

DOE/NRC FORM 741 <small>(4-2005) Previous editions are obsolete MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 83-703, 93-438, 95-21</small>		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0003 <small>Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information</small>		EXPIRES: 04/30/2008	
NUCLEAR MATERIAL TRANSACTION REPORT							
1. SHIPPER'S RIS Decimal RIS		2. RECEIVER'S RIS Decimal RIS		3. TRANSACTION NO. 000001		4. CORRECTION NO.	
5. PROCESSING CODE a. SHIPPER A		b. RECEIVER		6. ACTION CODE a. SHIPPER M		b. RECEIVER	
7. DOCUMENTATION (Only if document is classified SECRET)							
8. ADDRESS OF SHIPPER Decimal Facility 1234 Something Rd Nowhere, MO 12345		9. ADDRESS OF RECEIVER Decimal Facility 1234 Something Rd Nowhere, MO 12345		10. SHIPPED FOR ACCOUNT OF a. RIS		11. SHIPPED TO ACCOUNT OF b. RIS	
12. ATTENTION: John Doe		13. ATTENTION: John Doe		14. TELEPHONE: (555) 555-5555		15. TELEPHONE: (555) 555-5555	
16. MATERIAL TYPE AND DESCRIPTION				17. LINE NUMBER			
				18. COUNTRY OF ORIGIN			
				19. MATERIAL TYPE			
				20. OBLIGATED ELEMENT WEIGHT			
				21. OBLIGATED ISOTOPE WEIGHT <small>For Enriched Uranium Only</small>			
				22. ACTION DATE			
				MONTH (MM)			
				DAY (DD)			
				YEAR (YYYY)			
				23. PAYMENT			
				SHIPPER'S CORRECTION			
				RECEIVER'S CORRECTION			
				RECEIVER'S CORRECTION			
23a. MISCELLANEOUS Decimal RIS Internal Transaction							
23b. CONCISE NOTE ATTACHED <input type="checkbox"/>							
23c. UK REPORTABLE? YES <input type="checkbox"/> NO <input type="checkbox"/>							
24. SHIPPER'S DATA							
25. RECEIVER'S DATA							
26. SHIPPER'S DATA				27. RECEIVER'S DATA			
SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED				SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED			
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.							

NMSS Users Annual Training Meeting
 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy &
 the U.S. Nuclear Regulatory Commission



Example: Decimal Facility Internal Transaction

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete
 U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION
 APPROVED BY OMB: NO. 3150-0083 EXPIRES: 04/30/2008
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and Public Services Branch, 745 P.O. Box 217, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0217; or by internal email to: info@nrc.gov and to the Desk Officer, Office of Information and Regulatory Affairs, NRCB-1020 (3150-0083), Office of Management and Budget, Washington, DC 20503. A mechanism used to impose an information collection does not display a current valid OMB control number, the NRC may not conduct or sponsor and a person is not required to respond to the information collection.

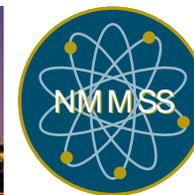
NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS: Decimal RIS
 2. RECEIVER'S RIS: Decimal RIS
 3. TRANSACTION NO.: 000001
 4. CORRECTION NO.:
 5. PROCESSING CODE: a. SHIPPER A, b. RECEIVER
 6. ACTION CODE: a. SHIPPER M, b. RECEIVER

17. LINE NUMBER: 1, 2
 18. COUNTRY OF OBLIGATION: 31, 32
 19. MATERIAL TYPE: 10, 10
 20. OBLIGATED ISOTOPE WEIGHT: -.050, .100
 21. OBLIGATED ISOTOPE WEIGHT For Enriched Uranium Only: a, b

26s. SHIPPER'S DATA
 27s. RECEIVER'S DATA

NMSS Users Annual Training Meeting
 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy &
 the U.S. Nuclear Regulatory Commission

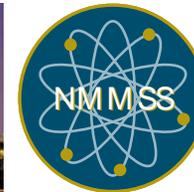


DOE/NRC FORM 742U		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3160-0004	EXPIRES: MM/DD/YYYY
<small>ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY COLLECTION REQUEST IS 5 HOURS. REPORTED LESSONS LEARNED ARE INCORPORATED INTO THE LICENSING PROCESS AND FEED BACK TO INDUSTRY. SEND COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND FOIA/PRIVACY SERVICES BRANCH (7-5 P&S), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, OR BY INTERNET E-MAIL TO INFOCOLLECT@nrc.gov, AND TO THE DEPT. OFFICER, OFFICE OF INFORMATION AND REGULATORY AFFAIRS, NEOB-10202, (3160-0004), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503. IF A MEANS USED TO IMPOSE AN INFORMATION COLLECTION DOES NOT DISPLAY A CURRENTLY VALID OMB CONTROL NUMBER, THE NRC MAY NOT CONDUCT OR SPONSOR, AND A PERSON IS NOT REQUIRED TO RESPOND TO, THE INFORMATION COLLECTION.</small>					
MATERIAL BALANCE REPORT			2. LICENSE NUMBER(S) License Number		3. REPORTING IDENTIFICATION SYMBOL (RIS) RIS
1. NAME AND ADDRESS Decimal Facility 1234 Something Rd Nowhere, MO 12345			4. REPORT PERIOD (MM/DD/YYYY) FROM: 4/01/2007 TO: 03/31/2008		5. MATERIAL TYPE (Submit separate report for each type) Source Material Only
SECTION A MATERIAL ACCOUNTABILITY					
PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT	
		8. BEGINNING INVENTORY – U.S. GOVT-OWNED			
A	1	9. BEGINNING INVENTORY – NOT U.S. GOVT-OWNED	15673 OR 15673.000	100 OR 100.000	
		RECEIPTS			
		11. PROCUREMENT FROM DOE RIS			
		FROM:			
		13. PROCUREMENT -- FOR THE ACCOUNT OF DOE			
		14. DOD RETURNS – USE A			
		15. DOD RETURNS – USE B			
		16. DOD RETURNS – OTHER USES			
		21. PRODUCTION			
		22. FROM OTHER MATERIALS a. ICT			
		b. ICT			
		c. ICT			
		30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)			
A	2	FROM: Company 1 RIS RIS	1325 OR 1325.000	2 OR 2.000	
		34. RECEIPTS – MISC			
		37. PROCUREMENT BY OTHERS			
		38. DONATED MATERIAL – FROM U.S. GOVT TO OTHERS			
		39. DONATED MATERIAL – FROM OTHERS TO U.S. GOVT			
A	3	40. TOTAL (Lines 8-39)	16998 OR 16998.000	102 OR 102.000	
		REMOVALS			
		41. EXPENDED IN SPACE PROGRAMS			
		42. SALES TO U.S. GOVT RIS TO: RIS			
		TO:			
		43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOVT RIS			
		TO:			
		44. DOD – USE A			
		45. DOD – USE B			
		46. DOD – OTHER USES			
		47. EXPENDED IN U.S. GOVT TESTS			
		48. ROUTINE TESTS			
		49. SHIPPER – RECEIVER DIFFERENCE			
A	4	51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)			
		TO: Company 3 RIS RIS	575 OR 575.000	2 OR 2.000	

Beginning Inventory will be whole numbers if the facility decided to three decimal reporting in the middle of the reporting period. After that beginning inventory will have decimal spaces.

Facility will report the amount for receipts per the agreement with the shipping facility.

Facility will report the amount for shipments per the agreement with the receiving facility.

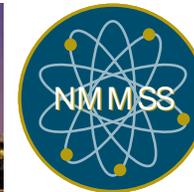


DOE/NRC FORM 742U MATERIAL ACCOUNTABILITY DATA COLLECTION AUTHORIZED BY 10 CFR 30.40, 50, 70, 72, 74, 75, 150, Public Law 93-703, 93-433, 95-91		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0004	EXPIRES: MM/DD/YYYY
MATERIAL BALANCE REPORT					
1. NAME AND ADDRESS Decimal Facility 1234 Something Rd Nowhere, MO 12345			2. LICENSE NUMBER(S) License Number	3. REPORTING IDENTIFICATION SYMBOL (RIS) RIS	
			4. REPORT PERIOD (MM/DD/YYYY) FROM: 1/1/2007 TO: 12/31/2008	5. MATERIAL TYPE (Submit separate report for each type) Source Material Only	
SECTION A MATERIAL ACCOUNTABILITY					
PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT	
		8. BEGINNING INVENTORY – U.S. GOVT-OWNED			
A	1	9. BEGINNING INVENTORY – NOT U.S. GOVT-OWNED	15673 OR 15673.000	100 OR 100.000	
		RECEIPTS			
		11. PROCUREMENT FROM DOE RIS			
		FROM:			
		14. DOD RETURNS – USE A			
		15. DOD RETURNS – USE B			
		16. DOD RETURNS – OTHER USES			
		21. PRODUCTION			
		22. FROM OTHER MATERIALS a. ICT			
		b. ICT			
		30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)			
A	2	FROM: Company 1 RIS RIS	1325 OR 1325.000	2 OR 2.000	
		34. RECEIPTS – MISC			
		37. PROCUREMENT BY OTHERS			
		38. DONATED MATERIAL – FROM U.S. GOVT TO OTHERS			
		39. DONATED MATERIAL – FROM OTHERS TO U.S. GOVT			
A	3	40. TOTAL (Lines 8-39)	16998 OR 16998.000	102 OR 102.000	
		41. EXPENDED IN SPACE PROGRAMS			
		42. SALES TO U.S. GOVT RIS TO:			
		TO:			
		43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOVT RIS			
		TO:			
		44. DOD – USE A			
		46. DOD – OTHER USES			
		47. EXPENDED IN U.S. GOVT TESTS			
		48. ROUTINE TESTS			
		49. SHIPPER – RECEIVER DIFFERENCE			
		51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)			
A	4	TO: Company 3 RIS RIS	575 OR 575.000	2 OR 2.000	

Beginning Inventory will be whole numbers if the facility decided to three decimal reporting in the middle of the reporting period. After that beginning inventory will have decimal spaces.

Facility will report the amount for receipts per the agreement with the shipping facility.

Facility will report the amount for shipments per the agreement with the receiving facility.



SECTION A MATERIAL ACCOUNTABILITY

PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
		8. BEGINNING INVENTORY -- U.S. GOV'T-OWNED		
A	1	9. BEGINNING INVENTORY -- NOT U.S. GOV'T-OWNED	15673 OR 15673.000	100 OR 100.000
		RECEIPTS		
		11. PROCUREMENT FROM DOE RIS		
		FROM:		
		13. PROCUREMENT -- FOR THE ACCOUNT OF DOE		
		14. DOD RETURNS -- USE A		

Beginning Inventory will be whole numbers if the facility decided to three decimal reporting in the middle of the reporting period. After that beginning inventory will have decimal spaces.

13. PROCUREMENT -- FOR THE ACCOUNT OF DOE
14. DOD RETURNS -- USE A

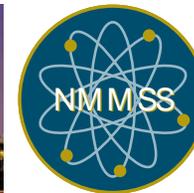
the facility decided to three decimal reporting in the middle of the reporting period. After that beginning inventory will have decimal spaces.

		30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)		
A	2	FROM: Company 1 RIS RIS	1325 OR 1325.000	2 OR 2.000
		34. RECEIPTS -- MISC		
		37. PROCUREMENT BY OTHERS		
		38. DONATED MATERIAL -- FROM U.S. GOV'T TO OTHERS		
		39. DONATED MATERIAL -- FROM OTHERS TO U.S. GOV'T		
A	3	40. TOTAL (Lines 8-39)	16998 OR 16998.000	102 OR 102.000

Facility will report the amount for receipts per the agreement with the shipping facility.

		40. DOD -- OTHER USES		
		47. EXPENDED IN U.S. GOV'T TESTS		
		48. ROUTINE TESTS		
		49. SHIPPER -- RECEIVER DIFFERENCE		
		51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)		
A	4	TO: Company 3 RIS RIS	575 OR 575.000	2 OR 2.000

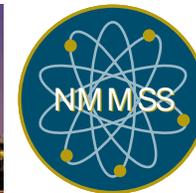
Facility will report the amount for shipments per the agreement with the receiving facility.



SECTION A (Continued)		MATERIAL ACCOUNTABILITY	
PC	SEQ	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
	54.	SHIPMENTS -- MISC	
	58.	DONATED MATERIAL -- TO U.S. GOVT BY OTHERS	
	59.	DONATED MATERIAL -- TO OTHERS BY U.S. GOVT	
A	5	65. ROUNDING ADJUSTMENT	-198
		71. DEGRADATION TO OTHER MATERIALS a. ICT ED	
		b. ICT	
	72.	DECAY	Facility will report adjustment to NMSS for three decimal reporting and/or to adjust for shipments and/or receipts. Also for any other rounding issues.
	73.	FISSION AND TRANSMUTATION	
	74.	NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS	
	75.	ACCIDENTAL LOSSES	
	76.	APPROVED WRITE-OFFS	
	77.	INVENTORY DIFFERENCE	
	80.	ENDING INVENTORY -- U.S. GOVT OWNED	
A	6	81. ENDING INVENTORY -- NOT U.S. GOVT OWNED	16423.198
A	7	82. TOTAL (lines 41-81)	16998.000
	83.	BIAS ADJUSTMENT	102.000
SECTION B		FOREIGN OBLIGATIONS	
PC	SEQ	1. COUNTRY OF OBLIGATION	2. ELEMENT WEIGHT
A	8	31	423.165
A	9	32	10.065
		Obligations will report three decimal spacing where it applies	
A	10	4. TOTAL WEIGHT	433.17
SECTION C		CERTIFICATION	
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.			
SIGNATURE (See instructions for provisions on confidentiality)		TITLE	DATE
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL, AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.			



SECTION A (Continued)		MATERIAL ACCOUNTABILITY	
PC	SEQ	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
	64.	SHIPMENTS -- MISC	
	68.	DONATED MATERIAL -- TO U.S. GOVT BY OTHERS	
A	5	65. ROUNDING ADJUSTMENT	-198
	71.	DEGRADATION TO OTHER MATERIALS a. ICT ED	
		b. ICT	
	72.	DECAY	
	73.	FISSION AND TRANSMUTATION	
	74.	NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS	
	76.	APPROVED WRITE-OFFS	
	77.	INVENTORY DIFFERENCE	
	80.	ENDING INVENTORY -- U.S. GOVT OWNED	
A	6	81. ENDING INVENTORY -- NOT U.S. GOVT OWNED	16423.198
A	7	82. TOTAL (lines 41-81)	16998.000
	83.	BIAS ADJUSTMENT	102.000
SECTION B		FOREIGN OBLIGATIONS	
PC	SEQ	1. COUNTRY OF OBLIGATION	2. ELEMENT WEIGHT
A	8	31	423.165
A	9	32	10.065
A	10	4. TOTAL WEIGHT	433.17
SECTION C		CERTIFICATION	
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.			
SIGNATURE (See instructions for provisions on confidentiality)		TITLE	DATE
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL, AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.			



SECTION A (Continued)		MATERIAL ACCOUNTABILITY		
PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
		54. SHIPMENTS -- MISC		
		58. DONATED MATERIAL -- TO U.S. GOVT BY OTHERS		
		59. DONATED MATERIAL -- TO OTHERS BY U.S. GOVT		
A	5	65. ROUNDING ADJUSTMENT	-0.198	-0.198
		71. DEGRADATION TO OTHER MATERIALS a. ICT ED		
		b. ICT		
		72. DECAY		
		73. FISSION AND TRANSMUTATION		
		74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS		
		75. ACCIDENTAL LOSSES		

Facility will report adjustment to NMMSS for three decimal reporting and/or to adjust for shipments and/or receipts. Also for any other rounding issues.

		b. ICT		
		72. DECAY		
		73. FISSION AND TRANSMUTATION		
		74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS		
		75. ACCIDENTAL LOSSES		

Facility will report adjustment to NMMSS for three decimal reporting and/or to adjust for shipments and/or receipts. Also for any other rounding issues.

A	6	81. ENDING INVENTORY -- NOT U.S. GOVT OWNED	16423.198	100.198
A	7	82. TOTAL (lines 41-81)	16998.000	102.000
		83. BIAS ADJUSTMENT		

SECTION B		FOREIGN OBLIGATIONS		
PC	SEQ	1. COUNTRY OF OBLIGATION	2. ELEMENT WEIGHT	3. ISOTOPE WEIGHT
A	8	31	423.105	
A	9	32	10.065	
A	10	4. TOTAL WEIGHT	433.17	

Obligations will report three decimal spacing where it applies



DOE/NRC FORM 742U MMS-YYYY MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Law 93-703, 93-438, 95-91		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3160-0004	EXPIRES: MM/DD/YYYY
<p style="text-align: center;">MATERIAL BALANCE REPORT</p>					
1. NAME AND ADDRESS Non Decimal Facility 4321 Nothing St Sometime, MO 54321			2. LICENSE NUMBER(S) License Number	3. REPORTING IDENTIFICATION SYMBOL (RIS) RIS	
			4. REPORT PERIOD (MM/DD/YYYY) FROM 4/01/2007 TO 03/31/2008	5. MATERIAL TYPE (Submit separate report for each type) Source Material Only	
SECTION A MATERIAL ACCOUNTABILITY					
PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT	
		8. BEGINNING INVENTORY – U.S. GOV'T-OWNED			
A	1	9. BEGINNING INVENTORY – NOT U.S. GOV'T-OWNED	15673	100	
		RECEIPTS			
		11. PROCUREMENT FROM DOE RIS			
		FROM:			
		13. PROCUREMENT -- FOR THE ACCOUNT OF DOE			
		14. DOD RETURNS – USE A			
		15. DOD RETURNS – USE B			
		16. DOD RETURNS – OTHER USES			
		21. PRODUCTION			
		22. FROM OTHER MATERIALS a. ICT			
		b. ICT			
		c. ICT			
A	2	30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)			
		FROM: Company 1 RIS RIS	575	2	
		34. RECEIPTS -- MISC			
		37. PROCUREMENT BY OTHERS			
		38. DONATED MATERIAL -- FROM U.S. GOV'T TO OTHERS			
		39. DONATED MATERIAL -- FROM OTHERS TO U.S. GOV'T			
A	3	40. TOTAL (Lines 8-39)	16248	102	
		REMOVALS			
		41. EXPENDED IN SPACE PROGRAMS			
		42. SALES TO U.S. GOV'T RIS TO: RIS			
		TO:			
		43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOV'T RIS			
		TO:			
		44. DOD -- USE A			
		45. DOD -- USE B			
		46. DOD -- OTHER USES			
		47. EXPENDED IN U.S. GOV'T TESTS			
		48. ROUTINE TESTS			
		49. SHIPPER -- RECEIVER DIFFERENCE			
A	4	51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)			
		TO: Company 3 RIS RIS	1325	2	

NRC FORM 742 (MMS-YYYY) (PREVIOUS EDITIONS ARE OBSOLETE)

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DOE/NRC FORM 742U MMA-YYYY MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, PUBLIC LAW 93-703, 93-438, 95-91		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3160-0004	EXPIRES: MM/DD/YYYY
<p>Estimated burden per response to comply with this mandatory collection request: 5 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (IT-5 #2), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollect@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, (NEOB-10202), 3160-0004, Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</p>					
MATERIAL BALANCE REPORT			2. LICENSE NUMBER(S) License Number		3. REPORTING IDENTIFICATION SYMBOL (RIS) RIS
1. NAME AND ADDRESS Non Decimal Facility 4321 Nothing St Sometime, MO 54321			4. REPORT PERIOD (MM/DD/YYYY) FROM 1/01/2007 TO 03/31/2008		5. MATERIAL TYPE (Submit separate report for each type) Source Material Only
SECTION A MATERIAL ACCOUNTABILITY					
PC	SEQ		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT	
		8. BEGINNING INVENTORY – U.S. GOV'T-OWNED			
A	1	9. BEGINNING INVENTORY – NOT U.S. GOV'T-OWNED	15673	100	
		11. PROCUREMENT FROM DOE RIS			
		FROM:			
		13. PROCUREMENT -- FOR THE ACCOUNT OF DOE			
		14. DOD RETURNS – USE A			
		15. DOD RETURNS – USE B			
		16. DOD RETURNS – OTHER USES			
		21. PRODUCTION			
		22. FROM OTHER MATERIALS a. ICT			
		b. ICT			
		c. ICT			
A	2	30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere) FROM: Company 1 RIS RIS	575	2	
		34. RECEIPTS -- MISC			
		37. PROCUREMENT BY OTHERS			
		39. DONATED MATERIAL – FROM OTHERS TO U.S. GOV'T			
A	3	40. TOTAL (Lines 8-39)	16248	102	
		41. EXPENDED IN SPACE PROGRAMS			
		42. SALES TO U.S. GOV'T RIS TO:			
		TO:			
		43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOV'T RIS			
		TO:			
		44. DOD – USE A			
		45. DOD – USE B			
		46. DOD – OTHER USES			
		47. EXPENDED IN U.S. GOV'T TESTS			
		48. ROUTINE TESTS			
A	4	51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere) TO: Company 3 RIS RIS	1325	2	

NRC FORM 742 (MMA-YYYY) (PREVIOUS EDITIONS ARE OBSOLETE)

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DOE/NRC FORM 742U MAY 2007 MANUFACTURE DATA ACQUISITION FORM FOR NRC USE ONLY U.S. NUCLEAR REGULATORY COMMISSION	U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB NO. 5152-0004	EXP RES: MM/DD/YYYY
MATERIAL BALANCE REPORT		Estimated burden per response to comply with this mandatory collection request is 8 hours. Reported lessons learned are incorporated into the reporting process and fed back to include, send comments regarding burden estimate to the Records and Information Services Division, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001 or by internet e-mail to info@nrc.gov and to the East Office, Office of Information and Regulatory Affairs, U.S. DOP-132001, 3150... Office of Management and Budget, Washington, DC 20503. Payment used to impose an information collection does not apply; currently, this OMB control number is NRC only, not subject to control, and a revision is not required.	

SECTION A		MATERIAL ACCOUNTABILITY	
PC	SEQ		
		8. BEGINNING INVENTORY -- U.S. GOVT-OWNED	A. ELEMENT WEIGHT
A	1	9. BEGINNING INVENTORY -- NOT U.S. GOVT-OWNED	B. ISOTOPE WEIGHT
			15673
			100

10. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)			
11. PROCUREMENT FROM DOE			
FROM:			

30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)			
A	2	FROM: Company 1	RIS RIS
			575
			2

22. FROM OTHER MATERIALS			
3. CT			
5. CT			
2. ICT			
10. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC 741 (not listed elsewhere)			
A	2	FROM: Company 1	RIS RIS
			575
			2

39. DONATED MATERIAL FROM OTHERS TO U.S. GOVT			
A	3	40. TOTAL (Lines 8-39)	
			16248
			102

40. TOTAL (Lines 8-39)			
REMOVALS			
41. EXPENDED IN SPACE PROGRAMS			
42. SALES TO U.S. GOVT			
TO:			
43. SALES TO OTHERS FOR THE ACCOUNT OF U.S. GOVT			
TO:			
44. DOD - USE A			

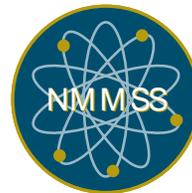
51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)			
A	4	TO: Company 3	RIS RIS
			1325
			2

51. SHIPMENTS REPORTED TO NRC/DOE ON NRC/DOE 741 (not listed elsewhere)			
A	4	TO: Company 3	RIS RIS
			1325
			2

DOE FORM 742 (MAY 2007) (PREVIOUS EDITIONS ARE OBSOLETE) ENERGY SERVICES DIVISION



SECTION A (Continued)		MATERIAL ACCOUNTABILITY	
PC	SEQ	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
	54.	SHIPMENTS -- MISC	
	58.	DONATED MATERIAL -- TO U.S. GOVT BY OTHERS	
	59.	DONATED MATERIAL -- TO OTHERS BY U.S. GOVT	
	65.	ROUNDING ADJUSTMENT	
	71.	DEGRADATION TO OTHER MATERIALS a. ICT ED	
		b. ICT	
	72.	DECAY	
	73.	FISSION AND TRANSMUTATION	
	74.	NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS	
	75.	ACCIDENTAL LOSSES	
	76.	APPROVED WRITE-OFFS	
	77.	INVENTORY DIFFERENCE	
	80.	ENDING INVENTORY -- U.S. GOVT OWNED	
A	5	81. ENDING INVENTORY -- NOT U.S. GOVT OWNED	14923 100
A	6	82. TOTAL (lines 41-81)	16248 102
	83.	BIAS ADJUSTMENT	
SECTION B		FOREIGN OBLIGATIONS	
PC	SEQ	1. COUNTRY OF OBLIGATION	2. ELEMENT WEIGHT 3. ISOTOPE WEIGHT
A	7	31	423
A	8	32	10
A	9	4. TOTAL WEIGHT	433
SECTION C		CERTIFICATION	
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.			
SIGNATURE (See instructions for provisions on confidentiality)		TITLE	DATE
<p>WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.</p>			



SECTION A (Continued)		MATERIAL ACCOUNTABILITY	
PC	SEQ	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
	54	SHIPMENTS - MISC	
	55	DONATED MATERIAL - TO U.S. GOVT BY OTHERS	
	56	DONATED MATERIAL - TO OTHERS BY U.S. GOVT	
	57	ROUNDING ADJUSTMENT	
	71	DEGRADATION TO OTHER MATERIALS	a. IGT ED
			b. IGT
	72	DEPR	

A	5	81. ENDING INVENTORY -- NOT U.S. GOVT OWNED	14923	100
A	6	82. TOTAL (lines 41-81)	16248	102
		83. BIAS ADJUSTMENT		

SECTION B FOREIGN OBLIGATIONS

PC	SEQ	1. COUNTRY OF OBLIGATION	2. ELEMENT WEIGHT	3. ISOTOPE WEIGHT
A	7	31	423	
A	8	32	10	

A	9	4. TOTAL WEIGHT	433	

SECTION C CERTIFICATION

A	9	4. TOTAL WEIGHT	433	
---	---	------------------------	-----	--

OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION



*** 742C Decimal Facility ***

NRC FORM 742CU <small>(MM-YYYY) MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 93-703, 93-438, 95-91</small>		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL INVENTORY LISTING		APPROVED BY OMB: NO. 3150-0058 <small>Estimated burden per response to comply with this mandatory collection request: 6 hours. This information is required by NRC to fulfill its safeguards responsibilities, bilateral agreements, and responsibilities as a participant in the USIA/EA Safeguards Agreement. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (1-S-FS2), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001 or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NECB-10202, (3150-0058), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>		EXPIRES: MM/DD/YYYY												
1. NAME AND ADDRESS <div style="text-align: center; font-size: 1.2em; font-weight: bold;">Decimal Facility</div> <small>STREET ADDRESS</small> <div style="text-align: center; font-size: 1.1em;">1234 Something Rd</div> <small>CITY</small> <div style="text-align: center; font-size: 1.1em;">Nowhere</div>				2. REPORTING IDENTIFICATION SYMBOL (RIS) <div style="text-align: center; font-size: 1.5em; font-weight: bold;">RIS</div>														
<small>STATE</small> MO	<small>ZIP CODE</small> 12345	<small>3. INVENTORY DATE</small> 03/31/2008																
5. BATCH DATA																		
<small>a.</small>	<small>b.</small>	<small>c.</small>	<small>d.</small>	<small>e.</small>	<small>f.</small>	<small>g.</small>	<small>h.</small>	<small>i.</small>	<small>j.</small>	<small>k.</small>	<small>l.</small>	<small>m. MEASUREMENT I.D.</small>			<small>n.</small>	<small>o.</small>	<small>p.</small>	
<small>MATERIAL TYPE</small>	<small>COMPLIANCE CODE</small>	<small>ELEMENT WEIGHT</small>	<small>ISOTOPE WEIGHT</small>	<small>DOE PROJECT NO.</small>	<small>SCRAP PROGRAM</small>	<small>WEIGHT PER-CENT ISOTOPE</small>	<small>OWNER CODE</small>	<small>SEQUENCE NUMBER</small>	<small>BATCH NAME</small>	<small>NO. OF ITEMS</small>	<small>KEY MEASURE POINT</small>	<small>MEAS. BASIS</small>	<small>OTHER MEAS. POINT</small>	<small>MEAS. METHOD</small>	<small>ENTRY STATUS</small>	<small>MBA</small>	<small>SITE IDC</small>	<small>PROCESS CODE</small>
10	860	16423.198	100.198				J	1										A
6. TOTALS		16423.198	100.198															
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.																		
7. SIGNATURE												8. TITLE			9. DATE			
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.																		

Total Line will match "Ending Inventory Balance" on the Material Balance Report.

NMSS Users Annual Training Meeting
 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy &
 the U.S. Nuclear Regulatory Commission



*** 742C Decimal Facility ***

NRC FORM 742CU (MM-YYYY) MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70.72, 74, 75, 150, Public Laws 93-703, 93-438, 95-91	U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL INVENTORY LISTING	APPROVED BY OMB: NO. 3150-0058 <small>Estimated burden per response to comply with this mandatory collection request: 6 hours. This information is required by NRC to fulfill its safeguards responsibilities, bilateral agreements, and responsibilities as a participant in the USIA/EA Safeguards Agreement. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (1-S FS2), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NECB-10202, (3150-0058), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>	EXPIRES: MM/DD/YYYY

1. NAME AND ADDRESS Decimal Facility STREET ADDRESS 1234 Something Rd CITY Nowhere			STATE MO	ZIP CODE 12345	2. REPORTING IDENTIFICATION SYMBOL (RIS) RIS	3. INVENTORY DATE 02/21/2008	4. LICENSE NUMBER(S)
---	--	--	--------------------	--------------------------	---	---	-----------------------------

5. BATCH DATA																		
a. MATERIAL TYPE	b. COMPIAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PER-CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS	o. MBA	p. SITE IDC	q. PROCESS CODE
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD				
10	860	16423.198	100.198				J	1										A
6. TOTALS		16423.198	100.198															

Total Line will match "Ending Inventory Balance" on the Material Balance Report.

I, the undersigned, know and certify the information given above and in any attached schedules is true, complete, and correct.

7. SIGNATURE	8. TITLE	9. DATE
--------------	----------	---------

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

NMSS Users Annual Training Meeting
Atlanta, Georgia—May 22-24, 2007
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*** 742C Decimal Facility ***

NRC FORM 742CU
(MAY 2004)
(REPLACES NRC FORM 742C-04)

U.S. DEPARTMENT OF ENERGY
 AND

APPROVED BY OMB: NO. 3150-0058

EXPIRES: MM/DD/YYYY

Estimate burden on response to comply with this mandatory collection request: 6 hours. This information is required by NRC to fulfill its regulatory

5. BATCH DATA

a. MATERIAL TYPE	b. COMP/FAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PER-CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS	o. MBA	p. SITE IDC	q. PROCESS CODE
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD				
10	860	16423.198	100.198				J	1										A

Nowhere

MO

12345

03/31/2008

5. BATCH DATA

a. MATERIAL TYPE	b. COMP/FAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PER-CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS	o. MBA	p. SITE IDC	q. PROCESS CODE
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD				
10	860	16423.198	100.198				J	1										A

Total Line will match "Ending Inventory Balance" on the Material Balance Report.

Total Line will match "Ending Inventory Balance" on the Material Balance Report.

6. TOTALS 16423.198 100.198

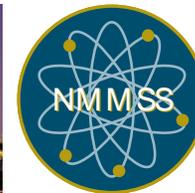
6. TOTALS 16423.198 100.198

To the best of my knowledge and belief, the information given above and in any attached schedules is true, correct, and complete.

7. SIGNATURE

8. TITLE

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



*** 742C Non Decimal Facility ***

NRC FORM 742CU <small>(MM-YYYY) MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, PUBLIC LAWS 93-703, 93-438, 95-91</small>	U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL INVENTORY LISTING	APPROVED BY OMB: NO. 3150-0058 <small>Estimated burden per response to comply with this mandatory collection request: 6 hours. This information is required by NRC to fulfill its safeguards responsibilities, bilateral agreements, and responsibilities as a participant in the USIA/EA Safeguards Agreement. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollect@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0058), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>																
1. NAME AND ADDRESS Non Decimal Facility STREET ADDRESS 14321 Nothing St CITY Sometime		2. REPORTING IDENTIFICATION SYMBOL (RIS) <div style="text-align: center; font-size: 24pt;">RIS</div>																
STATE MO	ZIP CODE 54321	3. INVENTORY DATE 03/31/2008	4. LICENSE NUMBER(S)															
5. BATCH DATA																		
a. MATERIAL TYPE	b. COMPFAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PER-CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS	o. MBA	p. SITE IDC	q. PROCESS CODE
10	860	16923	100				J	1				MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD				A
6. TOTALS		16923	100															
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.																		
7. SIGNATURE												8. TITLE				9. DATE		
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.																		

Total Line will match "Ending Inventory Balance" on the Material Balance Report.



*** 742C Non Decimal Facility ***

NRC FORM 742CU (MM-YYYY) MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, PUBLIC LAWS 93-703, 93-438, 95-91	U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL INVENTORY LISTING	APPROVED BY OMB: NO. 3150-0058 <small>Estimated burden per response to comply with this mandatory collection request: 6 hours. This information is required by NRC to fulfill its safeguards responsibilities, bilateral agreements, and responsibilities as a participant in the USIA/EA Safeguards Agreement. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollect@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0058), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>	EXPIRES: MM/DD/YYYY
	1. NAME AND ADDRESS Non Decimal Facility STREET ADDRESS 14321 Nothing St CITY Sometime		2. REPORTING IDENTIFICATION SYMBOL (RIS) RIS
STATE MO	ZIP CODE 54224	3. INVENTORY DATE 02/21/2008	4. LICENSE NUMBER(S)

5. BATCH DATA																	
a. MATERIAL TYPE	b. COMPIFAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PER-CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			o. M&A	p. SITE IDC	q. PROCESS CODE
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD			
10	860	16923	100				J	1									A
6. TOTALS		16923	100														

Total Line will match "Ending Inventory Balance" on the Material Balance Report.

To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.

7. SIGNATURE	8. TITLE	9. DATE
--------------	----------	---------

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



*** 742C Non Decimal Facility ***

NRC FORM 742C (MM-YYYY) MANDATORY DATA COLLECT ON AUTHORIZED BY 10 CFR 32 CC 50.70, 72, 75, 76, 150, PUBLIC LAWS 59723, 92-432, 95-61		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL INVENTORY LISTING		APPROVED BY OMB: NO. 3150-0058 Estimated burden response to comply with this mandatory collection request: 6 hours. This information is required by NRC to fulfill its regulatory responsibilities, bilateral agreements, and responsibilities as a participant in the US-IAEA Safeguards Agreement. Data comments regarding burden estimates to the Records and PC & Privacy Services Branch (18 RB), c/o Nuclear Regulatory Commission, Washington, DC 20545-0001, or by internet email to: infolect@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRCB-12000, 3150-0058, Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.		EXPIRES: MM/DD/YYYY												
1. NAME AND ADDRESS Non Decimal Facility STREET ADDRESS 14321 Nothing St CITY Sometime				2. REPORTING IDENTIFICATION SYMBOL (RIS): RIS														
STATE		ZIP CODE		3. INVENTORY DATE		4. LICENSE NUMBER(S)												
MO		54321		03/31/2008														
5. BATCH DATA																		
a. MATERIAL TYPE	b. COMPIFAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PERCENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS	o. MBA	p. SITE IDC	q. PROCESS CODE
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD				
10	860	16923	100				J	1										A

5. BATCH DATA																		
a. MATERIAL TYPE	b. COMPIFAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PERCENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS	o. MBA	p. SITE IDC	q. PROCESS CODE
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD				
10	860	16923	100				J	1										A

Total Line will match "Ending Inventory Balance" on the Material Balance Report.

Total Line will match "Ending Inventory Balance" on the Material Balance Report.

6. TOTALS		16923	100															
To the best of my knowledge and belief, the information given above and in any attached schedules																		
7. SIGNATURE						8. TITLE						9. DATE						
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.																		



Example: IAEA Facility shipping to Domestic Facility: Shipper's Side

DOENRC FORM 741
 (4-2005) PREVIOUS EDITIONS ARE OBSOLETE
 MANDATORY DATA COLLECTION
 AUTHORIZED BY 10 CFR 30.40, 30.70, 30.74, 74.15, 150,
 Public Law 93-702, 93-433, 95-61

U.S. DEPARTMENT OF ENERGY
 AND
 U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003
 EXPIRES: 04/30/2008

Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and Privacy Services Branch, T-5 553, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to nrcdo-edits@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRC, 1215 G Street, NE, Washington, DC 20003, Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a current valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. SHIPPER'S RIS	2. RECEIVER'S RIS	3. TRANSACTION NO.	4. CORRECTION NO.	5. PROCESSING CODE	6. ACTION CODE	7. IDENTIFICATION OF ELEMENTS AND/OR ISOTOPES
IAEA Facility	Domestic Facility	000001				

1. SHIPPER'S RIS	2. RECEIVER'S RIS	3. TRANSACTION NO.	4. CORRECTION NO.	5. PROCESSING CODE	6. ACTION CODE
IAEA Facility	Domestic Facility	000001		a. SHIPPER A	b. RECEIVER
8.a. NAME AND ADDRESS		8.b. LICENSE		8.c. OPERATING LICENSE	

14. TELEPHONE (555) 555-5555		15. TELEPHONE (555) 555-5555	
16. EXPORT OR IMPORT (4-DIGIT) LICENSE NO.			
17. MATERIAL TYPE AND DESCRIPTION			
18. ISOTOPES			
19. ISOTOPE WEIGHT			
20. NET WEIGHT			
21. ELEMENT			
22. ELEMENT CORRECTION			
23. ELEMENT			
24. REQUIRED CALIBRATION			
25. REQUIRED CALIBRATION			
26. TOTAL GROSS WEIGHT			
27. TOTAL NET WEIGHT (Include Tare Weight)			

26. SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF INCHARGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP/FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT.			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
											1 BASIS	2 OMP	3 METHOD							
											k	l	m							
		01		Cylinder 1	1		20	BQ2F	J	2	M				613.359			4.9480	30.349	

27. RECEIVED																				
--------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

NMSS Users Annual Training Meeting
 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy &
 the U.S. Nuclear Regulatory Commission



Example: IAEA Facility shipping to Domestic Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete
 MANDATORY DATA COLLECTION
 AUTHORIZED BY 10 CFR 30.40, 50, 70, 72, 74, 75, 150,
 Public Laws 83-703, 93-433, 95-21

U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information

EXPIRES: 04/30/2008

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS IAEA Facility		2. RECEIVER'S RIS Domestic Facility		3. TRANSACTION NO. 000001		4. CORRECTION NO.		5. PROCESSING CODE a. SHIPPER b. RECEIVER A		6. ACTION CODE a. SHIPPER b. RECEIVER B		7. DOCUMENTATION (Only if document is classified SECRET) PAGE OF PAGES COPY OF COPIES SERIES				
13. SHIPPER'S ADDRESS IAEA Facility One 1234 Uranium Road Anywhere, HI 12345				14. RECEIVER'S ADDRESS Domestic One 4321 Triton Street Somewhere, CA				15. SHIPPED FOR ACCOUNT OF a. RIS b. RIS		16. SHIPPED FOR ACCOUNT OF a. RIS b. RIS		17. DISTRIBUTION OF COPIES 1 2 3 4 5 6 7 8 9				
18. ATTENTION: John Doe 19. TELEPHONE: (555) 555-5555				20. ATTENTION: Jane Doe 21. TELEPHONE: (555) 555-5555				22. EXPORT OR IMPORT TRANSFER: LICENSE NO.		23. MATERIAL TYPE AND DESCRIPTION		24. ACTION DATE a. SHIPMENT b. SHIPPER'S CORRECTION c. RECEIPT d. RECEIVER'S MEASUREMENT e. RECEIVER'S CORRECTION		25. MONTH (MM) 05	26. DAY (DD) 01	27. YEAR (YYYY) 2007
28. MISCELLANEOUS IAEA Facility shipping to a Domestic Facility Domestic Receipt				29. CONCISE NOTE ATTACHED <input type="checkbox"/>		30. UK REPORTABLE? <input type="checkbox"/> YES <input type="checkbox"/> NO		31. TOTAL GROSS WEIGHT		32. TOTAL VOLUME (Please Transfer Only)						

26. SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF IN CHANGE	IDENTIFICATION (ITEMS/CONTAINER NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP. FACILITY CODE	OWNER CODE	KEY WEIGHT POINT	WEIGHT IDENT.		GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR	
	a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	1 BASIS	2 OMP	3 METHOD	l.	m.	n.	o.	p.	q.	r.
↑↑↑		01		Cylinder 1	1		20	309	J						613		4.9480	30.349		
↓↓↓																				

26a. SHIPPER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

27a. RECEIVER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

DOE/NRC FORM 741 (4-2005)

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Example: IAEA Facility shipping to Domestic Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS IAEA Facility	2. RECEIVER'S RIS Domestic Facility	3. TRANSACTION NO. 000001	4. CORRECTION NO.	5. PROCESSING CODE a. SHIPPER b. RECEIVER A	6. ACTION CODE a. SHIPPER b. RECEIVER B		
8 a. NAME AND ADDRESS IAEA Facility		b. LICENSE Domestic Facility		8 a. NAME AND ADDRESS IAEA Facility		b. LICENSE Domestic Facility	
9. TELEPHONE (355) 555-5555		10. TELEPHONE (300) 300-3000		11. FAX NUMBER		12. FAX NUMBER	
13. TRANSFER AUTHORITY - CONTRACT NUMBER, OR ORDER NUMBER		14. EXPORT OR IMPORT LICENSE NO.		15. NATURE OF TRANSACTION		16. DETAIL OF CODES	
17. MATERIAL TYPE AND DESCRIPTION				18. COLLECTION			
19. MISCELLANEOUS IAEA Facility shipping to a Domestic Facility Domestic Receipt				20. TOTAL WEIGHT (kg)			
21. TOTAL WEIGHT (lb)				22. TOTAL WEIGHT (kg) (rounded)			
23. SHIPPER'S DATA				24. RECEIVER'S DATA			

27. RECEIVER'S DATA	26s. SHIPPER'S DATA										27s. RECEIVER'S DATA									
	SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED										SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED									
	01	Cylinder 1	1	20	309	J	613	4.9480	30.349											

BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. THIS SECTION DOES NOT PERMIT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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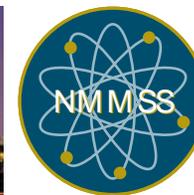
Example: Foreign Facility shipping to an IAEA Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30.40, 50, 70, 72, 74, 75, 150, Public Laws 93-103, 93-435, 95-91		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0003 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.		EXPIRES: 04/30/2008	
NUCLEAR MATERIAL TRANSACTION REPORT							
1. SHIPPER'S RIS		2. RECEIVER'S RIS		3. TRANSACTION NO.		4. CORRECTION NO.	
Foreign Facility		IAEA Facility		001101			
5. PROCESSING CODE		6. ACTION CODE		7. DOCUMENTATION (Only if document is classified SECRET)			
a. SHIPPER		b. RECEIVER A		a. SHIPPER		b. RECEIVER B	
				PAGE OF PAGES		COPY OF COPIES	
8. NAME AND ADDRESS OF SHIPPER		9. NAME AND ADDRESS OF RECEIVER		10. NO. OF DATA LINES		11. NATURE OF TRANSACTION	
Foreign Facility One 4321 Foreign Street Overthere, France		IAEA Facility One 1234 Uranium Road Anywhere, HI 12345		2			
12. SHIPPED FOR ACCOUNT OF		13. SHIPPED TO ACCOUNT OF		14. DISTRIBUTION OF COPIES			
				1			
				2			
				3			
				4			
				5			
				6			
				7			
				8			
				9			
12. ATTENTION: John Doe		12. ATTENTION: Jane Doe					
13. TELEPHONE: (555) 555-5555		13. TELEPHONE: (555) 555-5555					
14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER				15. EXPORT OR IMPORT TRANSFER: LICENSE NO.			
				XSNM0001			
16. MATERIAL TYPE AND DESCRIPTION							
17. LINE NUMBER							
18. COUNTRY OF ORIGIN							
19. MATERIAL TYPE							
20. OBLIGATED ELEMENT WEIGHT							
21. OBLIGATED ISOTOPE WEIGHT							
22. ACTION DATE							
23. MONTH							
23. DAY							
23. YEAR							
23a. MISCELLANEOUS							
Foreign Facility shipping to an IAEA Facility IAEA Receipt							
24. TOTAL GROSS WEIGHT							
25. TOTAL VOLUME (Waste Transfer Only)							
26. SHIPPER'S DATA							
268. SHIPPER'S DATA							
SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED							
27. RECEIVER'S DATA							
SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED							
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.							

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Example: Foreign Facility shipping to an IAEA Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) PREVIOUS EDITIONS ARE OBSOLETE
 U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION
 APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008
 BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

1. SHIPPER'S RIS: Foreign Facility
 2. RECEIVER'S RIS: IAEA Facility
 3. TRANSACTION NO.: 001101
 4. CORRECTION NO.:
 5. PROCESSING CODE: a. SHIPPER, b. RECEIVER A
 6. ACTION CODE: a. SHIPPER, b. RECEIVER B

Foreign Facility One, 4321 Foreign Street, Overthere, France
 IAEA Facility One, 1234 Uranium Road, Anywhere, HI, 12345

Foreign Facility shipping to an IAEA Facility
 IAEA Receipt

EXPORT OR IMPORT TRANSFERS: LICENSE NO. XSNM0001

17. LINE NUMBER	18. COUNTRY OF OBLIGATION	19. MATERIAL TYPE	20. OBLIGATED ELEMENT WEIGHT	21. OBLIGATED ISOTOPE WEIGHT For Enriched Uranium Only	22. ACTION DATE	MONTH (MM)	DAY (DD)	YEAR (YYYY)
1	33	EG	999318.645	22046.431	a. SHIPMENT			
					b. SHIPPER'S CORRECTION			
					c. RECEIPT	05	01	2007
					d. RECEIVER'S MEASUREMENT			
					e. RECEIVER'S CORRECTION			

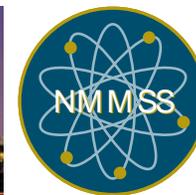
7. RECEIVER'S DATA

01	Line1	1	EG	BQ2F	J	2	M	498987.256	2.2209	11022.629
02	Line2	1	EG	BQ2F	J	2	M	500331.389	2.2033	11023.802

BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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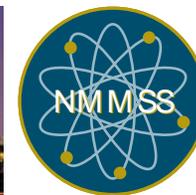
Example: IAEA Facility shipping to Foreign Facility: Shipper's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 93-703, 93-433, 95-91		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0003 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.		EXPIRES: 04/30/2008	
NUCLEAR MATERIAL TRANSACTION REPORT							
1. SHIPPER'S RIS IAEA Facility		2. RECEIVER'S RIS Foreign Facility		3. TRANSACTION NO. 001101		7. DOCUMENTATION (Only if document is classified SECRET)	
8. NAME AND ADDRESS OF SHIPPER IAEA Facility One 1234 Uranium Road Anywhere, HI 12345		9. LICENSE NO. None		10. NO. OF DATA LINES 2		11. NATURE OF TRANSACTION None	
12. ATTENTION: John Doe 13. TELEPHONE: (555) 555-5555		14. NAME AND ADDRESS OF RECEIVER Foreign Facility One 4321 Foreign Street Overthere, France		15. LICENSE NO. None		16. NO. OF DATA LINES None	
17. ATTENTION: Jane Doe 18. TELEPHONE: (555) 555-5555		19. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER None		20. EXPORT OR IMPORT TRANSFER LICENSE NO. XSNM0001		21. ACTION DATE None	
22. MATERIAL TYPE AND DESCRIPTION None		23. MISCELLANEOUS IAEA Facility shipping to a Foreign Facility		24. TOTAL GROSS WEIGHT 1125		25. TOTAL VOLUME (Whole Transfers Only) None	
26. SHIPPER'S DATA		27. RECEIVER'S DATA		28. SHIPPER'S DATA		29. RECEIVER'S DATA	
<p>WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.</p>							

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Example: IAEA Facility shipping to Foreign Facility: Shipper's Side

DOE/NRC FORM 741 (4-2005) PREVIOUS EDITIONS ARE OBSOLETE
 MANDATORY DATA COLLECTION AUTHORITY: 10 CFR 30.40, 31, 32, 72, 74, 75, 150, PUCID LINE 95-702, 95-433, 95-91

U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to: PRAO@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, REG-0244, 1215 G Street, NW, Washington, DC 20503. A 4 means used to impose an information collection does not display a currently valid OMB control number. The NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RI: IAEA Facility 2. RECEIVER'S RI: Foreign Facility 3. TRANSACTION NO.: 001101 4. CORRECTION NO.: 5. PROCESSING CODE: a. SHIPPER: A b. RECEIVER: 6. ACTION CODE: a. SHIPPER: A b. RECEIVER: 7. DOCUMENTATION ONLY (document is added SEPARATELY):

8. a. NAME AND ADDRESS: IAEA Facility b. LICENSE: Foreign Facility 9. a. NAME AND ADDRESS: 001101 b. LICENSE:

10. EXPORT CONTROL TRANSFER LICENSE NO.: XSNM0001

11. MATERIAL TYPE AND DESCRIPTION: 17. LINE NUMBER: 1 18. COUNTRY OF OBLIGATION: 33 19. MATERIAL TYPE: EG 20. OBLIGATED ELEMENT WEIGHT: 999318.645 21. OBLIGATED ISOTOPE WEIGHT For Enriched Uranium Only: 22046.431

12. MISCELLANEOUS: IAEA Facility shipping to a Foreign Facility

13. TOTAL GROSS WEIGHT: 1120

ER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF INV. CHANGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP/FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT.			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
											1 BASIS	2 OMP	3 METHOD							
		01		Line1	1		EG	BQ2F	J	2	M				498987.256	137	2.2209	11022.629	17	
		02		Line2	1		EG	BQ2F	J	2	M				500331.389	138	2.2033	11023.802	17	

27. RECEIVER'S DATA

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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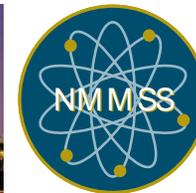
Example: IAEA Facility shipping to Foreign Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 93-703, 95-438, 95-61				U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION				APPROVED BY OMB: NO. 3150-0003 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (7-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; or by internet e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.				EXPIRES: 04/30/2008							
NUCLEAR MATERIAL TRANSACTION REPORT																			
1. SHIPPER'S RES		2. RECEIVER'S RES		3. TRANSACTION NO.		4. CORRECTION NO.		5. PROCESSING CODE				6. ACTION CODE				7. DOCUMENTATION (only if document is classified SECRET)			
IAEA Facility		Foreign Facility		001101				A		B									
8a. NAME AND ADDRESS OF SHIPPER		b. LICENSE NO.		8a. NAME AND ADDRESS OF RECEIVER		b. LICENSE NO.		10. NO OF DATA LINES				11. NATURE OF TRANSACTION							
IAEA Facility One 1234 Uranium Road Anywhere, HI 12345				Foreign Facility One 4321 Foreign Street Overthere, France				10a. SHIPPED FOR ACCOUNT OF				11a. SHIPPED TO ACCOUNT OF							
9. ATTENTION: John Doe				9. ATTENTION: Jane Doe															
8. TELEPHONE: (555) 555-5555				8. TELEPHONE: (555) 555-5555															
14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER								15. EXPORT OR IMPORT TRANSFER: LICENSE NO. XSNM0001											
16. MATERIAL TYPE AND DESCRIPTION								17. LINE NUMBER	18. COUNTRY OF OBLIGATION	19. MATERIAL TYPE	20. OBLIGATED ELEMENT WEIGHT	21. OBLIGATED ISOTOPE WEIGHT For Enriched Uranium Only	22. ACTION DATE	MONTH (MM)	DAY (DD)	YEAR (YYYY)			
								1	33	EG	999318.645	22046.431							
23a. MISCELLANEOUS IAEA Facility shipping to a Foreign Facility Foreign Receipt								b. CONCISE NOTE ATTACHED <input type="checkbox"/>				c. SHIPPER'S CORRECTION							
								c. UK REPORTABLE <input type="checkbox"/> YES <input type="checkbox"/> NO				d. RECEIPT				05 01 2007			
								24. TOTAL GROSS WEIGHT				25. TOTAL VOLUME (Waste Transfer Only)							
26. SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF RV CHANGE	IDENTIFICATION (REV/ISS/CHG)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP. FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT.	GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR	
	a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.	m.	n.	o.	p.	q.	r.	
↑↑↑ 26a. SHIPPER'S DATA								↓↓↓ 27a. RECEIVER'S DATA											
SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED								SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED											
27. RECEIVER'S DATA		01	Line1		1		EG	309	J			498987.256		2.2209	11022.629				
		02	Line2		1		EG	309	J			500331.389		2.2033	11023.802				
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.																			

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Example: IAEA Facility shipping to Foreign Facility: Receiver's Side

DOE/NRC FORM 741 (4-2005) Previous editions are obsolete MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 93-703, 95-438, 95-61		U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0003 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (7-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information		EXPIRES: 04/30/2008	
NUCLEAR MATERIAL TRANSACTION REPORT							
1. SHIPPER'S RS: IAEA Facility		2. RECEIVER'S RS: Foreign Facility		3. TRANSACTION NO.: 001101		4. CORRECTION NO.:	
5. PROCESSING CODE: a. SHIPPER		b. RECEIVER: A		6. ACTION CODE: a. SHIPPER		b. RECEIVER: B	
7. DOCUMENTATION (Only if document is classified SECRET)							
8. DISTRIBUTION OF COPIES							
9. TRANSACTION NO.:							
10. SHIPPED FOR ACCOUNT OF: a. RS:							
11. SHIPPED TO ACCOUNT OF: a. RS:							
12. ATTENTION: John Doe							
13. ATTENTION: Jane Doe							
14. TELEPHONE: (555) 555-5555							
15. TELEPHONE: (555) 555-5555							
16. EXPORT OR IMPORT TRANSFER: LICENSE NO. XSNM0001							
17. LINE NUMBER: 1							
18. COUNTRY OF OBLIGATION: 33							
19. MATERIAL TYPE: EG							
20. OBLIGATED ELEMENT WEIGHT: 999318.645							
21. OBLIGATED ISOTOPE WEIGHT: 22046.431							
22. ACTION DATE: 05 01 2007							
23. MISCELLANEOUS: IAEA Facility shipping to a Foreign Facility Foreign Receipt							
24. TOTAL GROSS WEIGHT:							
25. TOTAL VOLUME (Waste Transfer Only):							
26. SHIPPER'S DATA							
27. RECEIVER'S DATA							
28. SHIPPER'S DATA							
29. RECEIVER'S DATA							
30. SHIPPER'S DATA							
31. RECEIVER'S DATA							
32. SHIPPER'S DATA							
33. RECEIVER'S DATA							
34. SHIPPER'S DATA							
35. RECEIVER'S DATA							
36. SHIPPER'S DATA							
37. RECEIVER'S DATA							
38. SHIPPER'S DATA							
39. RECEIVER'S DATA							
40. SHIPPER'S DATA							
41. RECEIVER'S DATA							
42. SHIPPER'S DATA							
43. RECEIVER'S DATA							
44. SHIPPER'S DATA							
45. RECEIVER'S DATA							
46. SHIPPER'S DATA							
47. RECEIVER'S DATA							
48. SHIPPER'S DATA							
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Example: IAEA Facility shipping to Foreign Facility: Receiver's Side

DOE/NRC FORM 741
 (4-2005) Previous editions are obsolete
 MANDATORY DATA COLLECTION
 AUTHORITY: 10 CFR 20.20, 20.21, 20.22, 20.24, 20.25, 150,
 Public Laws 95-602, 95-435, 95-51

U.S. DEPARTMENT OF ENERGY
 AND
 U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding this burden estimate or this collection of information, including suggestions for reducing this burden, to Washington, DC 20555-0047, or by Internet and/or to Paperwork Reduction Project (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

EXPIRES: 04/30/2008

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS IAEA Facility		2. RECEIVER'S RIS Foreign Facility		3. TRANSACTION NO. 001101		4. CORRECTION NO.		5. PROCESSING CODE a. SHIPPER b. RECEIVER A				6. ACTION CODE a. SHIPPER b. RECEIVER B			
8.a. NAME AND ADDRESS OF SHIPPER IAEA Facility One 1234 Uranium Road Anywhere, HI 12345		8.b. LICENSE		9.a. NAME AND ADDRESS OF RECEIVER Foreign Facility One 4321 Foreign Street Overthere, France		9.b. LICENSE		10. NO. OF DATA LINES 1				11. NATURE OF TRANSACTION EG			

23. MISCELLANEOUS
 IAEA Facility shipping to a Foreign Facility Foreign Receipt

24. TOTAL GROSS WEIGHT: 999316.645
 25. TOTAL VOLUME (unless Tanker Ship): 22046.431

DATE RECEIVED NUMBER	LIC. NO.	TYPE OF BU. CHANGE	IDENTIFICATION (INVESTIGATOR'S NAME)	NO. OF TONS	PROJECT NUMBER	MATERIAL TYPE	CONTR. FACILITY CODE	DATE CODE	NET WEIGHT (KGS)	GROSS WEIGHT			NET WEIGHT	ELEMENT WEIGHT	TRANSIT LIMIT (TONS)	WEIGHT OF ISOTOPE	SOURCE WEIGHT	COUNTRY OF ORIGIN			
										1	2	3									
01			Line1	1		EG	309	J											498987.256	2.2209	11022.629
02			Line2	1		EG	309	J											500331.389	2.2033	11023.802

26. SHIPPER'S DATA
 27. RECEIVER'S DATA

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

DOE/NRC FORM 741 (4-2005) PRINTED ON RECYCLED PAPER

NMSS Users Annual Training Meeting
 Atlanta, Georgia—May 22-24, 2007
 Sponsored by the U.S. Department of Energy &
 the U.S. Nuclear Regulatory Commission



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MANDATORY DATA COLLECTION
 AUTHORIZED BY 18 CFR 30, 40, 50, 70, 72, 74, 75, 150,
 Public Laws 93-703, 93-435, 93-51

**U.S. DEPARTMENT OF ENERGY
 AND
 U.S. NUCLEAR REGULATORY COMMISSION**

APPROVED BY OMB: NO. 3150-0003
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollections@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

EXPIRES: 04/30/2008

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RES IAEA Facility		2. RECEIVER'S RES IAEA Facility		3. TRANSACTION NO. 000001		4. CORRECTION NO.		5. PROCESSING CODE		6. ACTION CODE		7. DOCUMENTATION (Only if document is classified SECRET)																							
8.a. NAME AND ADDRESS OF SHIPPER IAEA Facility One 1234 Uranium Road Anywhere, HI 12345		8.b. LICENSE NO.		8.a. NAME AND ADDRESS OF RECEIVER IAEA Facility One 1234 Uranium Road Anywhere, HI 12345		8.b. LICENSE NO.		9. SHIPPER A		9. RECEIVER M		10. NO. OF DATA LINES 1		11. NATURE OF TRANSACTION		12. DISTRIBUTION OF COPIES																			
13.a. SHIPPED FOR ACCOUNT OF		13.b. RES		13.a. SHIPPED TO ACCOUNT OF		13.b. RES		14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER		15. EXPORT OR IMPORT TRANSFER: LICENSE NO.		16. MATERIAL TYPE AND DESCRIPTION		17. LINE NUMBER		18. COUNTRY OF OBLIGATION		19. MATERIAL TYPE		20. OBLIGATED ELEMENT WEIGHT		21. OBLIGATED ISOTOPE WEIGHT For Enriched Uranium Only		22. ACTION DATE		MONTH (MM)		DAY (DD)		YEAR (YYYY)					
23a. MISCELLANEOUS IAEA Facility shipping to a Domestic Facility IAEA Facility Write Off		b. CONCISE NOTE ATTACHED <input type="checkbox"/>		c. UK REPORTABLE <input type="checkbox"/> YES <input type="checkbox"/> NO		23b. SHIPPER'S CORRECTION		23c. RECEIVER'S CORRECTION		23d. RECEIVER'S MEASUREMENT		23e. RECEIVER'S CORRECTION		24. TOTAL GROSS WEIGHT		25. TOTAL VOLUME (Where Transfer Only)		26. SHIPPER'S DATA		27. RECEIVER'S DATA		28. SHIPPER'S DATA		29. RECEIVER'S DATA		SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED		SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED							
26. SHIPPER'S DATA		27. RECEIVER'S DATA		28. SHIPPER'S DATA		29. RECEIVER'S DATA		30. SHIPPER'S DATA		31. RECEIVER'S DATA		32. SHIPPER'S DATA		33. RECEIVER'S DATA		34. SHIPPER'S DATA		35. RECEIVER'S DATA		36. SHIPPER'S DATA		37. RECEIVER'S DATA		38. SHIPPER'S DATA		39. RECEIVER'S DATA		30. SHIPPER'S DATA		31. RECEIVER'S DATA					
BACK REFERENCE NUMBER		LINE NO.		TYPE OF CHG		IDENTIFICATION (ITEMS/CHG NAME)		NO. OF ITEMS		PROJECT NUMBER		MATERIAL TYPE		COMP. FACILITY CODE		QWANTY CODE		KEY MEAS. POINT		MEAS. IDENT.		GROSS WEIGHT		NET WEIGHT		ELEMENT WEIGHT		ELEMENT LIMIT OF ERROR		WEIGHT % ISOTOPE		ISOTOPE WEIGHT		ISOTOPE LIMIT OF ERROR	
a.		b.		c.		d.		e.		f.		g.		h.		i.		j.		k.		l.		m.		n.		o.		p.		q.			
		01		65		Cylinder 1		1				20		BQ2F		J		2		M				.359				4.9480		.349					

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.



Example: IAEA Facility shipping to Domestic Facility: IAEA Facility Write Off

DOE/NRC FORM 741
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MANDATORY DATA COLLECTION
 AUTHORIZED BY 18 CFR 30, 40, 50, 70, 72, 74, 75, 150,
 Public Laws 93-703, 93-435, 95-51

**U.S. DEPARTMENT OF ENERGY
 AND
 U.S. NUCLEAR REGULATORY COMMISSION**

APPROVED BY OMB: NO. 3150-0003
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information

EXPIRES: 04/30/2008

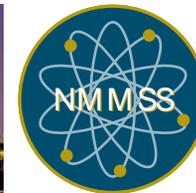
NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RES IAEA Facility		2. RECEIVER'S RES IAEA Facility		3. TRANSACTION NO. 000001		4. CORRECTION NO.		5. PROCESSING CODE		6. ACTION CODE		7. DOCUMENTATION (Only if document is classified SECRET)															
8. ATTENTION: John Doe		8. ATTENTION: Jane Doe		13.a. SHIPPED FOR ACCOUNT OF		13.b. RES		13.c. SHIPPED TO ACCOUNT OF		13.d. RES		8. DISTRIBUTION OF COPIES															
12. SHIPPER'S ADDRESS IAEA Facility One 1234 Uranium Road Anywhere, HI 12345		12. RECEIVER'S ADDRESS IAEA Facility One 1234 Uranium Road Anywhere, HI 12345		14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER		15. EXPORT OR IMPORT TRANSFER: LICENSE NO.		16. MATERIAL TYPE AND DESCRIPTION		17. LINE NUMBER		18. COUNTRY OF OBLIGATION		19. MATERIAL TYPE		20. OBLIGATED ELEMENT WEIGHT		21. OBLIGATED ISOTOPE WEIGHT For Enriched Uranium Only		22. ACTION DATE		MONTH (MM)		DAY (DD)		YEAR (YYYY)	
23a. MISCELLANEOUS IAEA Facility shipping to a Domestic Facility IAEA Facility Write Off		b. CONCISE NOTE ATTACHED <input type="checkbox"/>		c. UK REPORTABLE <input type="checkbox"/> YES <input type="checkbox"/> NO		23. SHIPMENT		23. SHIPPER'S CORRECTION		23. RECEIPT		23. RECEIVER'S MEASUREMENT		23. RECEIVER'S CORRECTION		05		01		2007							
24. TOTAL GROSS WEIGHT														25. TOTAL VOLUME (Where Applicable)													
26. SHIPPER'S DATA														27. RECEIVER'S DATA													
26a. SHIPPER'S DATA														27a. RECEIVER'S DATA													

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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 Atlanta, Georgia—May 22-24, 2007
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Example: IAEA Facility shipping to Domestic Facility: IAEA Facility Write Off

DOE/NRC FORM 741 (4-2006) Previous editions are obsolete
 U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION
 APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventories of nuclear materials. Send comments regarding burden estimates to the Records and Public Privacy Services Branch, 7-5 PAB, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to: nrc2006-0001@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOP-0001 (3150-0003), Office of Management and Budget, Washington, DC 20503. A 9 means used to impose an information collection does not display a currently valid OMB control number. The NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS IAEA Facility	2. RECEIVER'S RIS IAEA Facility	3. TRANSACTION NO. 000001	4. CORRECTION NO.	5. PROCESSING CODE a. SHIPPER A	6. ACTION CODE a. SHIPPER M
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1. SHIPPER'S RIS IAEA Facility	2. RECEIVER'S RIS IAEA Facility	3. TRANSACTION NO. 000001	4. CORRECTION NO.	5. PROCESSING CODE a. SHIPPER A	6. ACTION CODE a. SHIPPER M
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13. MATERIAL TYPE AND DESCRIPTION

14. TRANSFER AUTHORITY - CONTRACT, INMATERIAL, OR ORDER NUMBER

15. EXPORT OR IMPORT TRANSFER LICENSE NO.

16. ISOTOPE AND DESCRIPTION

17. LINE NUMBER

18. COUNTRY OF ORIGIN

19. MATERIAL TYPE

20. DATE

21. QUANTITY

22. ELEMENTAL WEIGHT

23. ELEMENTAL WEIGHT ERROR

24. ISOTOPE WEIGHT

25. ISOTOPE WEIGHT ERROR

26. TOTAL GROSS WEIGHT

27. TOTAL VOLUME (Waste Transfers Only)

SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF INV. CHANGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP/FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT.			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
											1 BASIS	2 OMP	3 METHOD							
	01	65		Cylinder 1	1		20	BQ2F	J	2	M				.359		4.9480	.349		

SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF INV. CHANGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP/FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT.			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
											1 BASIS	2 OMP	3 METHOD							
	01	65		Cylinder 1	1		20	BQ2F	J	2	M				.359		4.9480	.349		

27. REC

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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Example: Transaction with Concise Note Converting NMMSS Balance

DOE/NRC FORM 741 (4-2005). Previous editions are obsolete. MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30.40, 50, 70, 72, 74, 75, 150, Public Laws 95-703, 95-435, 95-51

U.S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting reports that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and FOIA Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0003), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information.

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS Decimal RIS		2. RECEIVER'S RIS Decimal RIS		3. TRANSACTION NO. 000001		4. CORRECTION NO.		5. PROCESSING CODE a. SHIPPER A b. RECEIVER		6. ACTION CODE a. SHIPPER M b. RECEIVER		7. DOCUMENTATION (Only if document is classified SECRET)			
12a. SHIPPER FOR ACCOUNT OF Decimal Facility 1234 Something Rd Nowhere, MO 12345 ATTENTION: John Doe TELEPHONE: (555) 555-5555		12b. SHIPPER FOR ACCOUNT OF Decimal Facility 1234 Something Rd Nowhere, MO 12345 ATTENTION: John Doe TELEPHONE: (555) 555-5555		13a. SHIPPED FOR ACCOUNT OF a. RIS		13b. SHIPPED TO ACCOUNT OF a. RIS		14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER		15. EXPORT OR IMPORT TRANSFER LICENSE NO.		16. DISTRIBUTION OF COPIES			
16. MATERIAL TYPE AND DESCRIPTION Decimal RIS Internal Transaction		17. LINE NUMBER		18. COUNTRY OF ORIGIN		19. MATERIAL TYPE		20. OBLIGATED ELEMENT WEIGHT		21. OBLIGATED ISOTOPE WEIGHT <small>For Enriched Uranium Only</small>		22. ACTION DATE MONTH (MM) DAY (DD) YEAR (YYYY)		23. CORRECTION	
		1		31		10		-050				SHIPMENT		03 31 2008	
		2		32		10		-020				SHIPPER'S CORRECTION			
												RECEIPT			
												RECEIVER'S MEASUREMENT			
												RECEIVER'S CORRECTION			

23a. MISCELLANEOUS
Decimal RIS Internal Transaction

23b. CONCISE NOTE ATTACHED YES NO
 c. UK REPORTABLE? YES NO

SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF R/C CHANGE	IDENTIFICATION (ITEMS/ATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATE-RIS TYPE	COMP FACILITY CODE	OWNER CODE	KEY MEAS POINT	MEAS. ELEM. POINT			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
	a	b	c	d	e	f	g	h	i	j	1 BASIS	2 OMP	3 METHOD	l	m	n	o	p	q	r
		01	65	Deducting Decimal			10									.123			.123	

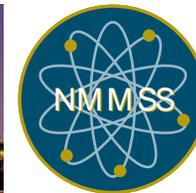
26. SHIPPER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

27. RECEIVER'S DATA SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

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Example: Transaction with Concise Note Converting NMMSS Balance

DOE/NRC FORM 741
 (4-2005) Previous editions are obsolete
 MANDATORY DATA COLLECTION
 AUTHORITY DERIVED FROM 10 CFR 20.145, 20.146, 20.147, 20.148, 20.149, 20.150,
 PUBLIC LAWS 90-405, 90-435, 96-51

U.S. DEPARTMENT OF ENERGY
 AND
 U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0003 EXPIRES: 04/30/2008
 Estimated burden per response to comply with this mandatory collection request: 1 hour and 15 minutes. This information is required for IAEA accounting records that show changes in inventory of nuclear materials. Send comments regarding burden estimate to the Records and Policy Division, Services Branch, T-5 953, U.S. Nuclear Regulatory Commission, Wash. Metro, DC 20555-0001; or by e-mail to: nrcdo@nrc.gov; and to the Desk Officer, Office of Information and Regulatory Affairs, NRC-03000, 13155-0000, Office of Management and Budget, Wash. Metro, DC 20503. A 4 means used to impose an information collection does not display a current valid OMB control number. The NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. SHIPPER'S RIS Decimal RIS	2. RECEIVER'S RIS Decimal RIS	3. TRANSACTION NO. 000001	4. CORRECTION NO.	5. PROCESSING CODE a. SHIPPER A b. RECEIVER	6. ACTION CODE a. SHIPPER M b. RECEIVER	7. DOCUMENTATION ONLY (SHIPPER'S & RECEIVER'S SIGNATURES)
8.a. NAME AND ADDRESS OF SHIPPER Decimal Facility	8.b. LICENSE	9.a. NAME AND ADDRESS OF RECEIVER Decimal Facility	9.b. LICENSE	10. NUCLEAR MATERIALS	11. NATURE OF TRANSACTION 11.a. SHIPPER'S TO RECEIVER'S 11.b. RECEIVER'S TO SHIPPER'S	12. DISTRIBUTION OF COPIES 12.a. SHIPPER'S TO RECEIVER'S 12.b. RECEIVER'S TO SHIPPER'S

1. SHIPPER'S RIS Decimal RIS	2. RECEIVER'S RIS Decimal RIS	3. TRANSACTION NO. 000001	4. CORRECTION NO.	5. PROCESSING CODE a. SHIPPER A b. RECEIVER	6. ACTION CODE a. SHIPPER M b. RECEIVER
8.a. NAME AND ADDRESS	b. LICENSE	9.a. NAME AND ADDRESS	b. LICENSE	10. NUCLEAR MATERIALS	11. NATURE OF TRANSACTION

13. MATERIAL TYPE AND DESCRIPTION	17. LINE NUMBER	18. COUNTRY OF OBLIGATION	19. MAT. TYPE	20. OBLIGATED ELEMENT WEIGHT	21. OBLIGATED ISOTOPE WEIGHT For Enriched Uranium Only
	1	31	10	-050	
	2	32	10	-020	

23a. MISCELLANEOUS
 Decimal RIS Internal Transaction

25. EXPORT OR IMPORT TRANSFERS: LICENSE NO.

26. SHIPPER'S DATA	27. DATE REFERENCE NUMBER	28. LINE NO.	29. TYPE OF INV. CHANGE	30. IDENTIFICATION (ITEM/BATCH NAME)	31. NO. OF ITEMS	32. PROJECT NUMBER	33. MATERIAL TYPE	34. COMP/FACILITY CODE	35. OWNER CODE	36. KEY MEAS. POINT	37. MEAS. IDENT. k.	38. GROSS WEIGHT	39. NET WEIGHT	40. ELEMENT WEIGHT	41. ELEMENT LIMIT OF ERROR	42. WEIGHT % ISOTOPE	43. ISOTOPE WEIGHT	44. ISOTOPE LIMIT OF ERROR
		01	65	Deducting Decimal			10							.123			.123	

b. CONCISE NOTE ATTACHED
 c. UK REPORTABLE? YES NO

24. TOTAL GROSS WEIGHT

25. TOTAL VOLUME (Waste Tra

SHIPPER'S DATA	BACK REFERENCE NUMBER	LINE NO.	TYPE OF INV. CHANGE	IDENTIFICATION (ITEM/BATCH NAME)	NO. OF ITEMS	PROJECT NUMBER	MATERIAL TYPE	COMP/FACILITY CODE	OWNER CODE	KEY MEAS. POINT	MEAS. IDENT. k.			GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT LIMIT OF ERROR	WEIGHT % ISOTOPE	ISOTOPE WEIGHT	ISOTOPE LIMIT OF ERROR
	a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	1 BASIS	2 OMP	3 METHOD	l.	m.	n.	o.	p.	q.	r.
		01	65	Deducting Decimal			10									.123			.123	

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