

**DOENRC FORM 741**  
 (04-2018) 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

**NUCLEAR MATERIAL TRANSACTION REPORT**

**APPROVED BY OMB: NO. 3150-0003**  
**EXPIRES: 04/30/2021**  
 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 Information Services Branch (7-2 FA3), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to info.comments.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NRCB-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.

1 SHIPPER'S BIS	ZVS	2 RECEIVERS BIS	ZVS	3 TRANSACTION NO	20193	4 CORRECTION NO		5 PROCESSING CODE		6 ACTION CODE		7 DOCUMENTATION (only if document is classified SECRET)	
8 a NAME AND ADDRESS OF SHIPPER	UNIVERSITY OF TEXAS - AUSTIN NUC ENGR TEACHING LAB 10100 BURNETT RD (BLDG 159) AUSTIN, TX 78758			9 a NAME AND ADDRESS OF RECEIVER				10 NO OF DATA LINES	1	11 NATURE OF TRANSACTION	12 a SHIPPER'S ACCOUNT OF	12 b RECEIVER'S ACCOUNT OF	12 c SHIPPED TO ACCOUNT OF
c ATTENTION	P. M. WHALEY			c ATTENTION				13 a SHIPPER'S LICENSE NO		13 b RECEIVER'S LICENSE NO		13 c SHIPPED TO ACCOUNT OF	13 d SHIPPER'S LICENSE NO
d TELEPHONE	(512) 232-5373			d TELEPHONE				14 TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER		15 EXPORT OR IMPORT TRANSFER, LICENSE NO		16 ACTION DATE	17 MONTH
								18 SHIPMENT	11	19 SHIPPER'S CORRECTION		20 DAY	14
								21 RECEIPT		22 RECEIVER'S MEASUREMENT		23 YEAR	2019
								24 RECEIVER'S CONNECTION					

16 MATERIAL TYPE AND DESCRIPTION  
 INVENTORY ADJUSTMENT FOR THE A1-SUBCRIT ASSEMBLY DUE TO REDETERMINATION OF MATERIAL QUANTITIES FOR OFF-SITE TRANSFER

23a MISCELLANEOUS

b CONCISE NOTE ATTACHED

c UK REPORTABLE  YES  NO

24 TOTAL GROSS WEIGHT

25 TOTAL VOLUME (wash transfer only)

BACK NUMBER	LINE NO	TYPE CHANGE	IDENTIFICATION (INTERNATIONAL)	NO OF TONS	PROJECT NUMBER	DATE TYPE	COMB CODE	OWNER	KEY POINT	MODE TREAT	GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT ERROR	WEIGHT %	ISOTOPE	ISOTOPE ERROR
	1MF		INV ADJUST		QGD04LEASE	20	G						34			7	

26. SHIPPER'S DATA  
 SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED  
*P. M. Whaley* 11/14/2019

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

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

29. 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.**

(04-2018) Previous editions are obsolete  
 MANDATORY DATA COLLECTION  
 AUTHORITY: 10 CFR 80.40, 80.70,  
 72, 74, 75, 189, 190, 93-439, 95-91  
 Public Laws 89-703, 93-439, 95-91



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1. SHIPPER'S BUS: ZVS  
 2. RECEIVER'S BUS: 20192  
 3. TRANSACTION NO.: 20192  
 4. CORRECTION NO.:  
 5. PROCESSING CODE:  
 6. ACTION CODE:  
 7. INCUBATION (Day if document is sealed directly):

8. NAME AND ADDRESS OF SHIPPER:  
 UNIVERSITY OF TEXAS - AUSTIN NUIC  
 ENG TEACHING LAB  
 10100 BURNET RD (BLDG 159)  
 AUSTIN, TX 78758

9. NAME AND ADDRESS OF RECEIVER:  
 CONSOLIDATED NUCLEAR SECURITY, LLC  
 Y-12 NATIONAL SECURITY COMPLEX  
 P.O. BOX 2009  
 OAK RIDGE, TN 37831-8233

10. NO OF DATA LINES: 2  
 11. SHIPPER FOR ACCOUNT OF: JSG  
 12. RECEIVER: JSG  
 13. NATURE OF TRANSACTION: b RIFZE

14. TRANSFER AUTHORITY - CONTRACT, NW DRAFT, OR ORDER NUMBER:  
 15. EXPORT OR IMPORT NUMBER, LICENSE NO:

16. MATERIAL TYPE AND DESCRIPTION:  
 Line 1: Enriched uranium as UO2 in AGN sub-crit assembly  
 Line 2: Enriched uranium as aluminum clad fuel plates

17. LINE NUMBER:  
 18. COUNTY OR ORIGIN:  
 19. MATERIAL TYPE:  
 20. ELEMENT ORIGINATED FROM (Enriched Uranium Only):  
 21. ENRICHED ISOTOPE:  
 22. ACTION DATE: 11 14 2019

23. MISCELLANEOUS:  
 b CONCISE NOTE ATTACHED:   
 c UR REPORTABLE? YES  NO

LINE NO	TYPE OF CHANGE	DESCRIPTION (TRANSFER NUMBER)	NO OF TRANS	PROJECT NUMBER	MATERIAL TYPE	COMP. FACILITY CODE	COUNT	MSG. POINT	GROSS WEIGHT	NET WEIGHT	ELEMENT WEIGHT	ELEMENT ERROR	WEIGHT % ERROR	WEIGHT LIMIT % ERROR	24 TOTAL GROSS WEIGHT		25 TOTAL VOLUME (Water Transfer Only)	
															1	2	3	4
1	A1-SUBCRIT (2 DR)		140GDU4LEASE		20	309	G		422	18790	2341		19.7	463				
2	MCZPR		17JAF4100000		20	291	G		2658	94175	19635		19.8	3880				
														3080				

26. SHIPPER'S DATA  
 SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED: *[Signature]* 11/14/2019

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

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