

DOE/NRC FORM 741
 (04-2018) Previous editions are obsolete
 MANDATORY DATA COLLECTION
 AUTHORIZED BY 10 CFR 30.40, 30.70,
 72, 74, 75, 180
 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

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 (T-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to infocollect.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, HEOB-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.

NUCLEAR MATERIAL TRANSACTION REPORT

1. SHIPPER'S RIS CWA		2. RECEIVER'S RIS CWA		3. TRANSACTION NO. 230401		4. CORRECTION NO.		5. PROCESSING CODE		6. ACTION CODE		7. DOCUMENTATION (Only if document is classified SECRET)													
8. NAME AND ADDRESS OF SHIPPER Fermi National Accelerator Laboratory Wilson and Kirk Roads P.O. Box 500 Batavia, IL 60510 ATTENTION: Kathy J. Graden, MS 371 TELEPHONE: (630) 840-4939		9. NAME AND ADDRESS OF RECEIVER Clean Harbors Environmental Services, Inc. 500 Independence Parkway South La Porte, TX 77571 ATTENTION: Clarence Isom TELEPHONE: (281) 884-5500		10. NO OF DATA LINES		11. NATURE OF TRANSACTION		12. DISTRIBUTION OF COPIES		13. SHIPPED FOR ACCOUNT OF		14. SHIPPED TO ACCOUNT OF		15. RIB											
14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER										16. EXPORT OR IMPORT TRANSFER: LICENSE NO.															
16. MATERIAL TYPE AND DESCRIPTION Material Type 86. Deuterium gas. 95% Purity. FNAL Number 9003. Cylinder numbers 1 through 125.										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 125 deuterium (MT 86) gas cylinders shipped to Clean Harbors Environmental Services, Inc.										b. CONCISE NOTE ATTACHED <input type="checkbox"/>		c. UK REPORTABLE? <input type="checkbox"/> YES <input type="checkbox"/> NO		a. SHIPMENT		04 05 2023		b. SHIPPER'S CORRECTION		c. RECEIPT		d. RECEIVER'S MEASUREMENT		e. RECEIVER'S CORRECTION	
24. TOTAL GROSS WEIGHT										25. TOTAL VOLUME (Waste Transfers Only)															
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. CMP	3. METHOD	l.	m.	n.	o.	p.	q.	r.					
			0154			125	SCKA1102010	86	537	G									74.6						
27. RECEIVER'S DATA	26a. SHIPPER'S DATA										27a. RECEIVER'S DATA														
	SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED Kathy J. Graden 4/5/2023										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.