


<b>NRC FORM 7</b> (02-2016) 10 CFR 110		 <b>U. S. NUCLEAR REGULATORY COMMISSION</b>		<b>APPROVED BY OMB: NO. 3150-0027</b>		<b>EXPIRES: 11/30/2018</b>									
<p style="text-align: center;"><b>APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)</b>          (See Instructions on Pages 4 and 5)</p>								Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), 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.							
<b>PART A. FOR NRC USE ONLY</b>				<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED									
LICENSE NUMBER				DOCKET NUMBER		ADAMS ACCESSION NUMBER									
XSNM3810				11006361		September 3, 2019, szf									
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</b> (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)															
1. NAME AND ADDRESS OF APPLICANT/LICENSEE				1a. NAME OF APPLICANT'S CONTACT		1b. APPLICANT'S REFERENCE NUMBER									
U. S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831				Becky G. Eddy		IRE-EU19									
				1c. PHONE NUMBER		1d. FAX NUMBER									
				(865) 576-4119		(865) 574-0492									
				1e. E-MAIL ADDRESS											
				Becky.Eddy@npo.doe.gov											
2. TYPE OF ACTION REQUESTED (Check One)															
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input type="checkbox"/> AMENDMENT/RENEWAL Current License Number: _____		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number: _____									
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE		5. LAST SHIPMENT DATE		6. PROPOSED EXPIRATION DATE									
NNSA-SC16-Y12-0707		10/1/2019		7/01/2021		12/31/2021									
<b>PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS</b> (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)															
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT				8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)									
DOE NNSA Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831				Framatome 54 Avenue De La Déportation ZI Les Bérauds 26104 Romans Sur Isère, France		Institute for Radioelements (IRE) Avenue de l'Espérance 1 B-6220 Fleurus, Belgium									
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED				8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S)									
Supplier/Transporter				Target Fabrication		Medical Isotope Production									
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)		10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)								
4.455 kg uranium-235 contained in a maximum of 4.772 kg uranium, enriched to maximum of 93.35%, in the form of unalloyed broken metal				4.772 KG		93.35%	4.455 KG								
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)															
None															

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U. S. NUCLEAR REGULATORY COMMISSION

**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)**

LICENSE NUMBER <b>XSNM3810</b>	DOCKET NUMBER <b>11003810</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC <b>OR</b> <input type="checkbox"/> NON-PUBLIC
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**PART D. TO BE COMPLETED FOR IMPORT LICENSES, AMENDMENTS, OR RENEWALS**

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %
		15c. MAX ISOTOPE WGT (KG)

16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)**

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input type="checkbox"/> NO
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**18. CERTIFICATION:** I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Becky G. Eddy DOE NNSA Production Office, Program Manager	18b. SIGNATURE -- AUTHORIZED OFFICIAL <b>Becky G. (BGF) Eddy</b> Digitally signed by Becky G. (BGF) Eddy Date: 2019.09.03 08:46:05 -04'00'	18c. DATE
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**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)**

LICENSE NUMBER <b>XSNM3810</b>	DOCKET NUMBER <b>11006361</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Part B. Blocks 4 and 5:

Dates do not reflect actual ship dates. Amounts (up to the request) and actual shipment dates will be determined on a rolling basis based off of market conditions in support of IRE inventory and operational requirements during the transition to LEU targets.

Part C: Blocks 7 and 7a, Suppliers and/or Other Parties to the Export:

Consolidated Nuclear Security (CNS) L.L.C.  
301 Bear Creek Road  
Oak Ridge, TN 37831  
(DOE/NNSA Supply and Transport Contractor)

Part C: Blocks 8 and 8a, Intermediate Foreign Consignee(s):

ORANO TN International  
1, rue des Hérons  
78180 Montigny-le- Bretonneux  
France  
(Transporter)

Studiecentrum Voor Kernenergie (SCK-CEN)  
Boeretang 200  
BE-2400 Mol  
Belgium  
BR-2 Research Reactor (Target Irradiation)

Nuclear Research and Consultancy Group (NRG)  
Westerduinweg 3  
1755 LE Petten  
The Netherlands  
HFR Research Reactor (Target Irradiation)

Nuclear Research Institute, Rez, plc  
Husinec - Řež 130  
Cz- 250 68 Řež  
Czech Republic  
LVR-15 Research Reactor (Target Irradiation)

National Center for Nuclear Research (NCBJ)  
Andrzej Soltan 7  
05-400 Otwock-Świerk  
Poland  
Maria Research Reactor (Target Irradiation)