

NRC FORM 7  
(02-2016)  
10 CFR 110



U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 11/30/2018

**APPLICATION FOR NRC EXPORT OR IMPORT  
LICENSE, AMENDMENT, RENEWAL,  
OR CONSENT REQUEST(S)**  
(See Instructions on Pages 4 and 5)

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 September 3, 2019, szf
LICENSE NUMBER XSNM3810	DOCKET NUMBER 11006361	ADAMS ACCESSION NUMBER

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS**

(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 U. S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831	1a. NAME OF APPLICANT'S CONTACT Becky G. Eddy	1b. APPLICANT'S REFERENCE NUMBER IRE-EU19
	1c. PHONE NUMBER (865) 576-4119	1d. FAX NUMBER (865) 574-0492
	1e. E-MAIL ADDRESS Becky.Eddy@npo.doe.gov	

2. TYPE OF ACTION REQUESTED (Check One)		CONSENT REQUEST (Parts B, C) Current License Number:	
<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"/>

3. CONTRACT NUMBER(S) NNSA-SC16-Y12-0707	4. FIRST SHIPMENT DATE 10/1/2019	5. LAST SHIPMENT DATE 7/01/2021	6. PROPOSED EXPIRATION DATE 12/31/2021
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**PART C. TO BE COMPLETED FOR EXPORT 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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT DOE NNSA Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Framatome 54 Avenue De La Déportation ZI Les Bérauds 26104 Romans Sur Isère, France	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Institute for Radioelements (IRE) Avenue de l'Espérance 1 B-6220 Fleurus, Belgium
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7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Supplier/Transporter	8a. INTERMEDIATE USE(S) Target Fabrication	9a. ULTIMATE END USE(S) Medical Isotope Production
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10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT 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	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 4.772 KG	10b. MAX ENRICHMENT OR WGT % 93.35%	10c. MAX ISOTOPE WGT (KG) 4.455 KG
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) None
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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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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)