

**NRC FORM 7**  
(07-2019)  
10 CFR 110



**U. S. NUCLEAR REGULATORY COMMISSION**

**APPROVED BY OMB: NO. 3150-0027**

**EXPIRES: 02/28/2022**

**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 Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-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 <b>OR</b> <input type="checkbox"/> Non-Public	Date Received <b>06/02/2020</b>
License Number <b>XSNM3814</b>	Docket Number <b>11006388</b>	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 <b>TN Americas LLC 7135 Minstrel Way, Suite 300 Columbia, MD 21045</b>	1a. Name of Applicant's Contact <b>Cheryl Laws</b>	1b. Applicant's Reference Number <b>22027.TNI.001</b>
	1c. Office Telephone Number <b>410-910-6961</b>	1d. Office Facsimile Telephone Number <b>410-910-6959</b>
	1e. Applicant's E-mail Address <b>cheryl.laws@orano.group</b>	
2. Type of Action Requested (Check one)	Current License Number:	
<input checked="" type="checkbox"/> Export (Parts B, C, E)	<input type="checkbox"/> Amendment/Renewal	
<input type="checkbox"/> Import (Parts B, D, E)	<input type="checkbox"/> Consent Request (Parts B, C)	
3. Contract Number(s) <b>NNSA-SC19-Y12-0270</b>	4. First Shipment Date <b>09/01/2020</b>	5. Last Shipment Date <b>10/1/2025</b>
		6. Proposed Expiration Date <b>10/1/2025</b>

**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 U. S. Suppliers and/or other U. S. Parties to the Export  <b>US Department of Energy (DOE) National Nuclear Security Administration (NNSA) Y12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831</b>  see page 3 for additional	8. Name(s)/Address(es) of Intermediate Foreign Consignee(s)  <b>Framatome 54 Avenue De La Déportation ZI Les Bérauds 26104 Romans Sur Isère, France</b>  see page 3 for additional	9. Name(s)/Address(es) of Ultimate Foreign Consignee(s)  <b>Institute for Radioelements (IRE) Avenue de l'Espérance 1 B-6220 Fleurus, Belgium</b>
7a. Function(s) Performed/Service(s) Provided <b>Supplier</b>	8a. Intermediate Use(s) <b>Target Fabrication</b>	9a. Ultimate End Use(s) <b>Medical Isotope Production</b>
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export  <b>Uranium metal is supplied in the form of metal fragments in accordance with specifications G160 and Y/ GNSS/05-05</b>  <b>Low enriched uranium: 19.95 WGT % maximum</b>	10a. Maximum Total Volume/ Element WGT (KG), or Total Activity (TBq)  <b>109.5 kgs</b>	10b. Max Enrichment or WGT%  <b>19.95 WGT %</b>
		10c. Max Isotope WGT (KG)  <b>U-235 max: 21.85</b>

11. Foreign origin (or obligations by country and, if known, by percentage of maximum total volume) <b>100% US obligation</b>
--

NRC FORM 7

(07-2019)  
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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

License Number XSNM3814	Docket Number 11006388	Adams Accession Number	<input checked="" type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Non-Public
----------------------------	---------------------------	------------------------	--

**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 Foreign Parties to Import	13. Name(s)/Address(es) of Foreign or U. S. Intermediate Consignee(s)	14. Name(s)/Address(es) of Ultimate U. S. Consignee(s)	
12a. NRC Export License Number(s) (if applicable)	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. Maximum 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)**

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

17. Additional Information provided on pages 3, 4, and/or separate sheets? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	17a. Copies of Recipient's Authorizations Provided? <input type="checkbox"/> Yes <input type="checkbox"/> No
---	---

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  Jay E. Thomas	18b. Signature -- Authorized Official  THOMAS Jay Digitally signed by THOMAS Jay Date: 2020.05.28 16:06:01 -04'00'	18c. Date  5/28/2020
---	--	----------------------------

NRC FORM 7

(07-2019)  
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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

License Number XSNM3814	Docket Number 11006388	Adams Accession Number	<input checked="" type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Non-Public
----------------------------	---------------------------	------------------------	--

Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

7 and 7a.

Consolidated Nuclear Security, LLC  
301 Bear Creek Road  
Oak Ridge, TN 37381  
(DOE/NNSA supply contractor)

8 and 8a.

TN International  
1 Rue des Herons  
78180 Montigny Le Bretonneux  
FRANCE  
(transporter)

StudieCentrum voor Kernenergie (SCK-CEN)  
BR-2 Research Reactor  
Boeretang 200  
B2400 MOL  
Belgium  
(target irradiation)

Nuclear Research Institute REZ  
LVR-15 Research Reactor  
HUSINEC  
REZ 130  
25068 CZECH REPUBLIC  
(target irradiation)

Nuclear Research and Consultancy Group (NRG)  
High Flux Research Reactor (HFR)  
Westerduinweg 3  
1755 ZG PETTEN  
The Netherlands  
(target irradiation)

National Center for Nuclear Research (NCBJ)  
Maria Research Reactor  
Andrzeja Sołtana 7  
05-400 Otwock-Swierk  
Republic of Poland  
(target irradiation)

The uranium will be used by Framatome for the manufacturing of targets for the production of radioisotopes.

The targets will be irradiated at the four reactors listed as intermediate consignees, and then processed at IRE to separate out the medical isotopes.