

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 3/8/18
LICENSE NUMBER X.S.Nm 3792	DOCKET NUMBER 11006297	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  US DOE - Oak Ridge National Laboratory c/o UT-Bettelle, LLC One Bethel Valley Road Oak Ridge, TN 37831-6396	1a. NAME OF APPLICANT'S CONTACT Edward Graham	1b. APPLICANT'S REFERENCE NUMBER IBO-FY18#1
	1c. PHONE NUMBER (865) 576-0318	1d. FAX NUMBER (865) 241-1054
	1e. E-MAIL ADDRESS grahamew@ornl.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) IBO3001688	4. FIRST SHIPMENT DATE 3-1-2018	5. LAST SHIPMENT DATE 11-16-2018	6. PROPOSED EXPIRATION DATE 05-31-2019
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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 Department of Energy (DOE) National Nuclear Security Administration (NNSA) Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) None	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Centronic Limited Centronic House King Henry's Drive New Addington Croydon, Surrey CR9 0BG United Kingdom Attn: John Edwards  Facility Permit Number: EPR/NB3394DV
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7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Package and Ship U-235	8a. INTERMEDIATE USE(S) None	9a. ULTIMATE END USE(S) Fabricate neutron detector
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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 200 grams of uranium enriched to 93.19% in U-235 as solid U308. Packaged in 10 separate vials containing 20 grams inside one ES3100 shipping container	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 218 grams	10b. MAX ENRICHMENT OR WGT % 93.19%	10c. MAX ISOTOPE WGT (KG) 200 grams
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)
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**APPLICATION FOR NRC EXPORT OR IMPORT  
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LICENSE NUMBER <i>XS NM 3792</i>	DOCKET NUMBER <i>11006297</i>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC    OR <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.)

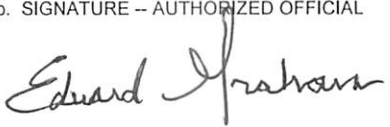
12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE 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 <i>Edward Graham - Export Control Analyst</i>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE <i>2-5-2018</i>
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Other Parties to the Export:

Page 1, Part C, Block 7 and 7a: Consolidated Nuclear Security (CNS), LLC  
301 Bear Creek Road  
Oak Ridge, TN 37831  
(DOE/NNSA Supplier)

Page 1, Part C, Block 7 and 7a: Transportation company (TBD)\*  
(DOE/NNSA Transportation Agent)

See attached documents:

Attachment #1: Contract of Sale

Attachment #2: End-User Statement

Attachment #3: Centronic Limited Facility License for receiving radioactive material

Attachment #4: Prior export license from NRC (issued Nov. 2009) for shipment of 50 grams of U-235 to Centronic Limited located in United Kingdom