

NRC FORM 7
(11-2012)
10 CFR 110



U. S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: (11/30/2015)

**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-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet 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.

PART A. FOR NRC USE ONLY	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED JAN 21 2015 SF
LICENSE NUMBER X5NM3759	DOCKET NUMBER 11606189	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 Argonne National Laboratory 9700 South Cass Avenue Argonne, IL 60439	1a. NAME OF APPLICANT'S CONTACT Manjula R. Pfingston	1b. APPLICANT'S REFERENCE NUMBER ANL-NE to France FY15	
	1c. PHONE NUMBER (630) 252-5044	1d. FAX NUMBER (630) 252-9642	
	1e. E-MAIL ADDRESS mpfingston@anl.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 4/1/2015	5. LAST SHIPMENT DATE 4/1/2020	
6. PROPOSED EXPIRATION DATE 4/1/2020			

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 see Page 3 for additional information	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) AREVA TN International as agent for CERCA 1, rue des Hérons 78180 Montigny-le- Bretonneux France	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) CERCA/FBFC/Areva Romans Les Berauds-BP-1114 26104 Romans sur Isere France	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Supplier	8a. INTERMEDIATE USE(S) Transporter	9a. ULTIMATE END USE(S) Fuel Fabrication	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Low Enriched Uranium (LEU) < 20% U-235	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 3.0 kg	10b. MAX ENRICHMENT OR WGT % 19.99	10c. MAX ISOTOPE WGT (KG) 0.6 kg

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

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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) (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. 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 checked="" 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 Manjula R. Pfingston Nuclear Material Representative for ANL Paul K. Kearns Deputy Laboratory Director for Operations/COO	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Manjula R. Pfingston</i> <i>Paul K. Kearns</i>	18c. DATE 11/15/15 11/15/15
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

The GTRI (Global Threat Reduction Initiative) and RERTR (Reduced Enrichment Research and Test Reactors) program at Argonne National Laboratory is requesting the specific license for the shipment of LEU alloyed with 7-12 weight percent molybdenum uncoated or coated with atomic layer deposition of transition metal ceramics and other element oxides to France. The quantities requested represent materials that would be transported as fuel stock, powder form less than 150 microns. This material will be used in irradiation experiments to support qualification of the LEU-xMo (x=7-12%) fuel system for research and test reactor conversion to LEU from the current HEU fuel systems.

CERCA will fabricate the fuel which will then be imported back to INL for irradiation.

Page 1, Block 7 and 7a, Other Parties to the Export:

7. Consolidated Nuclear Security (CNS) L.L.C.
301 Bear Creek Road
Oak Ridge, TN 37831

7a. DOE/NNSA Contractor for Supply

Other parties with the transport:
Transnuclear
7135 Minstrel Way, Suite 300
Columbia, MD 21045