

**NRC FORM 7**  
(3-2010)  
10 CFR 110

**U.S. NUCLEAR REGULATORY COMMISSION**

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 08/31/2012

**APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL**

(See Instructions on Page 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 Records and FOIA/Privacy 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.

<b>PART A. FOR NRC USE ONLY</b>		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED JUN 14 2010
LICENSE NUMBER XSNM 3648	DOCKET NUMBER 11005869	ADAMS ACCESSION NUMBER	

**PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS**  
(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>U. S. Department of Energy Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831</b>		1a. NAME OF APPLICANT'S CONTACT <b>Becky G. Eddy</b>	1b. APPLICANT'S REFERENCE NUMBER <b>INL-EU10</b>
		1c. PHONE NUMBER <b>(865) 576-4119</b>	1d. FAX NUMBER <b>(865) 574-0492</b>
		1e. E-MAIL ADDRESS <b>eddybg@yso.doe.gov</b>	
2. TYPE OF ACTION REQUESTED (Check One) <input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____			
3. CONTRACT NUMBER(S) <b>MPO 99661</b>	4. FIRST SHIPMENT DATE <b>08/01/2010</b>	5. LAST SHIPMENT DATE <b>08/01/2011</b>	6. PROPOSED EXPIRATION DATE <b>08/01/2011</b>

**PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED 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 <b>DOE NNSA Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831</b>		8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) <b>CERCA Areva Romans Les Berauds - BP-1114 26104 Romans sur Isere France</b>		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) <b>CERCA Areva Romans Les Berauds - BP-1114 26104 Romans sur Isere France</b>	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED <b>Supplier</b>		8a. INTERMEDIATE USE(S) <b>Fuel Fabricator</b>		9a. ULTIMATE END USE(S) <b>Fuel Reloads/U.S Reactors</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>9.078 kg of uranium-235 contained in maximum of 45.5 kg uranium, enriched to maximum 19.95%, in the form of broken metal, delivered in one shipment.</b>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) <b>45.5 kg U</b>	10b. MAX ENRICHMENT OR WGT % <b>19.95%</b>	10c. MAX ISOTOPE WGT (KG) <b>9.078 kg</b>	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) <b>100% US obligation</b>					

Rec'd  
JUN 16 2010  
JC

XSNM 3648

NRC FORM 7  
(3-2010)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

**APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER <b>XSNM 3648</b>	DOCKET NUMBER <b>11005869</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
------------------------------------	----------------------------------	------------------------	---

**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED 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.)

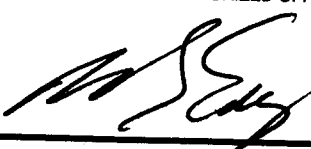
12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / 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, OR RENEWALS**

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
---	--

**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 <b>Becky G. Eddy DOE NNSA Y-12 Site Office, Program Manager</b>	18b. SIGNATURE - AUTHORIZED OFFICIAL 	18c. DATE <b>6/11/10</b>
---	--	-----------------------------

Rec'd  
JUN 16 2010  
JC  
XSNM 3648

NRC FORM 7  
(3-2010)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT/IMPORT  
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER <b>XSNM 3648</b>	DOCKET NUMBER <b>11005869</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
------------------------------------	----------------------------------	------------------------	---

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

- 3. BEA Contract # 62727-6 (Fuel manufacturing contract managed by Idaho National Laboratory for Research Reactor Infrastructure Program ).
- 7. B&W Y-12 LLC  
301 Bear Creek Road  
Oak Ridge, TN 37831
- 7a. DOE/NNSA Contractor
- 8.a CERCA means "Compagnie pour l'Etude et la Réalisation de Combustibles Atomiques"
- 9a. For use in the fabrication of TRIGA Fuel for U.S. University Reactors including Pennsylvania State University, University of Texas, Kansas State University.

XSNM 3648

Rec'd  
JUN 16 2010  
JC



## Department of Energy

National Nuclear Security Administration  
P. O. Box 2050  
Oak Ridge, Tennessee 37831-8009



June 11, 2010

Mr. Scott W. Moore, Deputy Director  
Office of International Programs  
U. S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

Dear Mr. Moore:

**EXPORT LICENSE APPLICATION FOR THE DEPARTMENT OF ENERGY SHIPMENT OF  
LOW ENRICHED URANIUM TO Compagnie pour l'Etude et la Réalisation de  
Combustibles Atomiques ROMANS FUEL FABRICATION FACILITY FOR USE IN UNITED  
STATES UNIVERSITY RESEARCH REACTORS**

Enclosed is a United States (US) Department of Energy (DOE) application for a license to export low enriched uranium feedstock to the Compagnie pour l'Etude et la Réalisation de Combustibles Atomiques (CERCA) Romans fuel fabrication facility for the manufacturing of reactor fuel reloads to be used in U.S. university research reactors (Enclosure 1). The proposed export is required to support continuing operations of these US university research reactors. The export license application has been determined to be unclassified, non-sensitive.

An Interagency Agreement between DOE and the Nuclear Regulatory Commission (NRC) was executed on April 15, 2009, for NRC export licensing services and fees, and sufficient funds are available for processing this export license. A copy of the agreement and report of available funds will be sent to the NRC under separate cover.

In the interest of supporting continued operation of these reactors and research programs, the National Nuclear Security Administration Y-12 Site Office requests that the export license review process be executed to support an early September 2010 delivery.

If you have any questions or require additional information, please contact me at (865) 576-4119 or [eddybg@yso.doe.gov](mailto:eddybg@yso.doe.gov).

Sincerely,

Becky G. Eddy  
Program Manager  
Y-12 Site Office

Enclosure

XSMM 3648

Rec'd  
JUN 16 2010  
JC

June 11, 2010

Mr. Scott W. Moore

-2-

cc w/enclosure:

T. Nelson, 301BCR, MS 8112, B&W Y-12

cc w/o enclosure:

M. Livesay, Y12-10, YSO

XSNM3648

Rec'd  
JUN 16 2010  
JC