

NRC FORM 7  
(8-2007)  
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

**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 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@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 <b>FEB 02 2010</b>	
LICENSE NUMBER <b>XENM3622</b>		DOCKET NUMBER <b>11005843</b>		ADAMS ACCESSION NUMBER <b>ML093620903</b>	
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS</b> (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>BR2-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>DE-SC55-10NA29752</b>		4. FIRST SHIPMENT DATE <b>06/01/2010</b>		5. LAST SHIPMENT DATE <b>12/31/2011</b>	
				6. PROPOSED EXPIRATION DATE <b>06/01/2012</b>	
<b>PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS</b> (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>STUDIECENTRUM VOOR KERNENERGIE (SCK-CEN) BR2 Reactor Boeretang 200 B-2400 MOL Belgium</b>	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED <b>Supplier</b>		8a. INTERMEDIATE USE(S) <b>Fuel Fabrication</b>		9a. ULTIMATE END USE(S) <b>Reactor Fuel Reload</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>87.3 kg uranium-235 contained in maximum of 93.5 kg uranium, enriched to maximum of 93.35%, in the form of broken metal</b>		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) <b>93.5 kg U</b>		10b. MAX ENRICHMENT OR WGT % <b>93.35 %</b>	
				10c. MAX ISOTOPE WGT (KG) <b>87.3 kg</b>	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) <b>100% US obligation</b>					

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<b>LICENSE NUMBER</b> <i>XSNM 3622</i>	<b>DOCKET NUMBER</b> <i>11005843</i>	<b>ADAMS ACCESSION NUMBER</b> <i>ML09362003</i>	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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**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.)

<b>12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT</b>	<b>13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)</b>	<b>14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)</b>	
<b>12a. NRC EXPORT LICENSE NUMBER(S)</b> <i>(if applicable)</i>	<b>13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)</b>	<b>14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)</b>	
	<b>13b. INTERMEDIATE USE(S)</b>	<b>14b. ULTIMATE END USE(S)</b>	
<b>15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES</b>	<b>15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)</b>	<b>15b. MAX ENRICHMENT OR WGT %</b>	<b>15c. MAX ISOTOPE WGT (KG)</b>

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

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS**

<b>17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<b>17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED?</b> <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.

<b>18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL</b>  <b>Becky G. Eddy</b> DOE NNSA Y-12 Site Office, Program Manager	<b>18b. SIGNATURE -- AUTHORIZED OFFICIAL</b> 	<b>18c. DATE</b> <i>02/02/2010</i>
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LICENSE NUMBER <b>XSUM 3622</b>	DOCKET NUMBER <b>11005843</b>	ADAMS ACCESSION NUMBER <b>ML093620913</b>	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

**Part B. 1: U.S. Department of Energy (DOE)  
National Nuclear Security Administration (NNSA)  
Y-12 National Security Complex  
301 Bear Creek Road  
Oak Ridge, TN 37831**

**Part B. 4 and 5: Dates do not reflect actual ship date. Dates indicate a time-frame for early ship date and late ship date.**

**7. B & W Y-12 LLC  
301 Bear Creek Road  
Oak Ridge, TN 37931**

**7a. DOE/NNSA Contractor**

**8a. For use in the fabrication of standard BR2 fuel elements.**

**9a. Used as driver fuel in the BR2 reactor which is used for research and medical isotope production.**



**FEB 02 2010**