

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](mailto: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>7-24-09</b>
LICENSE NUMBER <b>XSNM 3609</b>	DOCKET NUMBER <b>11005823</b>	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>ITWG-ANSTO-7/09</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>GM55-09NA29521</b>	4. FIRST SHIPMENT DATE <b>08/30/2009</b>	5. LAST SHIPMENT DATE <b>08/30/2010</b>	6. PROPOSED EXPIRATION DATE <b>12/31/2010</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)	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)  <b>Australian Nuclear Science and Technology Organisation Lucas Heights Research Laboratory New Illawarra Road, Lucas Heights, PMB 1, Menai NSW 2234, Australia</b>	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED <b>Supplier</b>	8a. INTERMEDIATE USE(S)	9a. ULTIMATE END USE(S) <b>Forensics Testing</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>0.013 kg U-235 contained in maximum of 0.014 kg uranium, enriched to maximum of 92.95 %, in the form of metal</b>	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)  <b>0.014 kgU</b>	10b. MAX ENRICHMENT OR WGT %  <b>92.95 %</b>	10c. MAX ISOTOPE WGT (KG)  <b>0.013 kg U-235</b>  <b>Recd 7-24-09</b> <b>RB</b>
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) <b>There are no foreign obligations</b> <b>NONE</b>			

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

LICENSE NUMBER <b>XSNM 3609</b>	DOCKET NUMBER <b>11005823</b>	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC <b>OR</b> <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.)

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) (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, 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</b> <b>DOE NNSA Y-12 Site Office, Program Manager</b>	18b. SIGNATURE -- AUTHORIZED OFFICIAL 
18c. DATE <b>07/22/09</b>	

*Rec'd 7-24-09 RB*

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

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

**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. Material delivery is required third quarter CY 2009.**

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

**7a. DOE/NNSA Supply Contractor**

**7. Edlow International Company**  
**1666 Connecticut Avenue, NW #201**  
**Washington, DC 20009**

**7a. Transporter**

**9a. Sample is provided for a nuclear forensics exercise under the cognizance of the International Technical Working Group (ITWG) for Nuclear Smuggling. Sample expected to be destroyed during the analysis process.**

*Rec'd  
7-24-09  
PB*



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



July 22, 2009

*XSNM3609  
11005823*

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:

**APPLICATION FOR EXPORT LICENSE FOR THE DEPARTMENT OF ENERGY SHIPMENT  
OF SMALL HIGHLY ENRICHED URANIUM SAMPLES TO INTERNATIONAL  
LABORATORIES PARTICIPATING IN A SAMPLING EXERCISE**

Enclosed are eight U.S. Department of Energy (DOE) applications, NRC Form 7, for a license to export Highly Enriched Uranium (HEU) as small samples to the following countries participating in a nuclear forensics exercise to be conducted in support of the International Technical Working Group on Nuclear Smuggling: Australia, Brazil, Canada, Czech Republic, France, Germany, Hungary, and the United Kingdom. The uranium will be used exclusively for the sample analysis exercise under a contract between each government and DOE.

An Interagency Agreement between DOE and Nuclear Regulatory Commission (NRC) was executed on April 15, 2009, for NRC export licensing services and fees, and sufficient funds are available on the agreement for processing these export licenses.

The National Nuclear Security Administration (NNSA) Y-12 Site Office requests that these export licenses be expedited and issued no later than August 24, 2009, to support the NNSA contractual requirements and the DOE delivery schedule.

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

Y12-30:Eddy

Enclosures:  
Eight NRC Form 7 License Applications

cc w/enclosures:  
T. Nelson, 301BCR, MS 8112, B&W Y-12

*Rec'd  
7-24-09  
RB*

**Barnes, Robin**

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**From:** Eddy, B (BGF) [eddybg@yso.doe.gov]  
**Sent:** Thursday, July 23, 2009 12:23 PM  
**To:** Barnes, Robin  
**Cc:** Owens, Janice; Nelson, Terryann (TAN)  
**Subject:** DOE Transmittal of Export License Applications for International Nuclear Forensics Sampling Exercise  
**Attachments:** NRC Export License Applications\_ITWG\_Ltr to NRC.pdf; NRC\_DOE IA for Y-12 Export License\_2009.pdf

Robin,

Please find attached advance copies of the DOE SNM export license applications for the export of small uranium samples to eight international laboratories in support of the International Technical Working Group for Nuclear Smuggling. This applications are being federal expressed to Mr. Moore. The quantity to be exported to each lab is only a maximum of 14 grams uranium. DOE intends to execute the shipments no later than early September 2009. Your assistance to promptly record the receipt and initiate the process for coordination with DOE and State, obtain foreign assurances, develop the case for the commissioners, and issue a license for the export is requested.

I have also attached for your convenience, a copy of the Interagency Agreement executed in April 2009 between the DOE and NRC for NRC services and fees associated with the review and issuance of export licenses. Sufficient funds are available on the contract to pay the expected fees for the review of the eight export license applications.

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).

Thank you,

Becky Eddy  
Program Manager  
Department of Energy  
NNSA Y-12 Site Office

V SNM 3609  
11005823

Rec'd  
7-24-09  
RB