

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.	
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED MAY 03 2011 <i>Rec'd JC</i>	
LICENSE NUMBER XSNM 3623		DOCKET NUMBER 11005844		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 U. S. Department of Energy Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831		1a. NAME OF APPLICANT'S CONTACT Becky G. Eddy		1b. APPLICANT'S REFERENCE NUMBER AECL-EU11	
		1c. PHONE NUMBER (865) 576-4119		1d. FAX NUMBER (865) 574-0492	
		1e. E-MAIL ADDRESS eddybg@yso.doe.gov			
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) NNSASC11Y121206		4. FIRST SHIPMENT DATE 03/31/2011		5. LAST SHIPMENT DATE 03/31/2012	
				6. PROPOSED EXPIRATION DATE 06/01/2012	
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 DOE 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) Atomic Energy of Canada Limited (AECL) Chalk River Laboratories Chalk River, Ontario K0J 1J0 Canada	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Supplier/Transporter		8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S) Medical Isotope Production	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT 7.0 kg uranium-235 contained in maximum of 7.5 kg uranium, enriched to maximum of 93.35%, in the form of broken metal		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 7.5 kg		10b. MAX ENRICHMENT OR WGT % 93.35 %	
				10c. MAX ISOTOPE WGT (KG) 7.0 kg	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) 100% US obligation					

Revised 5/3/2011 to reduce quantity and change shipping time-frame.

NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XSNM 3623	DOCKET NUMBER 11005844	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 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
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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 Becky G. Eddy DOE NNSA Y-12 Site Office, Program Manager	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 05/02/2011
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Rec'd
MAY 03 2011
JC

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XSNM 3623	DOCKET NUMBER 1100 5844	ADAMS ACCESSION NUMBER	<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 dates. Dates do not reflect actual ship date. Dates indicate a time-frame for early ship date and late ship date. Time-frame indicated is for one shipment in 2011 to support target fabrication schedule and continued operation of National Research Universal (NRU) Reactor until qualified a replacement LEU target is available. Shipment to be made using secure transport to be arranged by DOE.

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

7a. DOE/NNSA Contractor

9a. For use in the fabrication of targets to be irradiated in the National Research Universal (NRU) reactor for the production of medical isotopes.

Rec'd
MAY 03 2011
JC



U.S. Department of Energy
National Nuclear Security Administration
Post Office Box 2050
Oak Ridge, Tennessee 37831-8009



May 2, 2011

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:

REVISED EXPORT LICENSE APPLICATION FOR THE DEPARTMENT OF ENERGY SHIPMENT OF ENRICHED URANIUM TO ATOMIC ENERGY OF CANADA LIMITED FOR USE IN THE NATIONAL RESEARCH UNIVERSAL REACTOR (XSNM3623, DOCKET #11005844)

Reference is made to XSNM-3623, Docket #11005844, and my December 17, 2009, letter to the Office of International Programs, requesting a license to export up to 17.5 kg HEU to the Atomic Energy of Canada Limited (AECL) for the National Research Universal (NRU) reactor in Chalk River, Canada.

The NRC Form 7 has been revised to reflect a reduction in the amount of enriched uranium to be supplied at this time and a new shipping time-frame. This export license is required to provide enriched uranium feedstock to the AECL under Contract Number NNSA-SC11-Y121206. The enriched uranium is to be used solely in the fabrication of targets to be irradiated in the NRU reactor for medical isotope production. The revised export license application has been determined to be unclassified, non-sensitive.

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

Sincerely,

Becky G. Eddy
Program Manager
Y-12 Site Office

Enclosure:
NRC Form 7 (AECL HEU11)

XSNM 3623

MAY 03 2011

Red
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Mr. Scott W. Moore

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May 2, 2011

cc w/enclosure:

T. Nelson, 301BCR, MS 8112, B&W Y-12
Kathy Leroux, AECL, Chalk River Laboratories

cc w/o enclosure:

P. Kirby, Y12-10, YSO
M. Livesay, Y12-10, YSO

XSNM 3623

recd
MAY 03 2011
JC