

NRC FORM 7 (5-2003) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 05/31/2006	
APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT (See Instructions on Reverse)				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 Management Branch (T-8 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to Infocollections@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.			
1. APPLICANT'S USE	2. DATE OF APPLICATION Nov. 30, 2005	3. APPLICANT'S REFERENCE AECL-HEU06	4. NRC USE	5. DOCKET NUMBER 11-005591	6. LICENSE NUMBER XENm3427		
3. APPLICANT'S NAME AND ADDRESS				4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier)			
a. NAME Becky G. Eddy (NNSA Y-12 National Security Complex)				a. NAME U.S. DOE, Y-12 National Security Complex			
b. STREET ADDRESS (Facility Site) P.O. Box 2050, Bear Creek Rd.				b. STREET ADDRESS Bear Creek Road			
c. CITY Oak Ridge		d. STATE TN	e. ZIP CODE 37831		c. CITY Oak Ridge		
f. TELEPHONE NUMBER (865) 576-4119		g. FAX (865) 241-4331		h. E-MAIL bgf@y12.doe.gov		d. STATE TN	e. ZIP CODE 37831
5. FIRST SHIPMENT SCHEDULED	6. FINAL SHIPMENT SCHEDULED	7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE	9. CONTRACT NO.		
				12/31/2006	DE-GI55-06NA25758		
10. ULTIMATE FOREIGN CONSIGNEE				11. ULTIMATE END USE (Include plant or facility name)			
a. NAME Atomic Energy of Canada Limited (AECL)				To be used in the fabrication of targets for the production of medical isotopes at the National Research Universal (NRU) Reactor during 2006 - 2007			
b. STREET ADDRESS (Facility Site) Chalk River Laboratories				11a. DATE REQUIRED			
c. CITY Chalk River, Ontario K0J 1J0		d. COUNTRY Canada		12. INTERMEDIATE FOREIGN CONSIGNEE			
a. NAME None				13. INTERMEDIATE END USE			
b. STREET ADDRESS (Facility Site)				13a. DATE REQUIRED			
c. CITY		d. COUNTRY		14. INTERMEDIATE FOREIGN CONSIGNEE			
a. NAME				15. INTERMEDIATE END USE			
b. STREET ADDRESS (Facility Site)				15a. DATE REQUIRED			
c. CITY		d. COUNTRY					
18. COM CODE	17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)			19. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT
	Maximum of [redacted] of Uranium, broken into metal pieces, enriched to a maximum enrichment of [redacted] (weight percent U-235). High Enriched Uranium						
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE (Use separate sheet if necessary) US 100%							
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) Other parties to the Export: BWXT Y-12, LLC, Bear Creek Road, Oak Ridge TN 37831 (NNSA Contractor) *Delivery timeframe predicted between February 1, 2006 and May 1, 2006 (See Block No. 5 and 6 of this application)							
24. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations; and that all information in this application is correct to the best of his/her knowledge.							
25. AUTHORIZED OFFICIAL		a. SIGNATURE		b. TITLE DOE NNSA Program Manager			

NON-PUBLIC