

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)							
1. APPLICANT'S USE		a. DATE OF APPLICATION Nov. 30, 2005		b. APPLICANT'S REFERENCE AECL-HEU06		2. NRC USE	
						b. DOCKET NUMBER 11-005591	
						c. 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		d. STATE TN
f. TELEPHONE NUMBER (865) 576-4119	g. FAX (865) 241-4331		h. E-MAIL bgf@y12.doe.gov		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-G155-06NA25758
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		13. INTERMEDIATE END USE			
12. INTERMEDIATE FOREIGN CONSIGNEE				13a. DATE REQUIRED			
a. NAME None				15. INTERMEDIATE END USE			
b. STREET ADDRESS (Facility Site)				15a. DATE REQUIRED			
c. CITY		d. COUNTRY		RECEIVED OIP 2005 DEC -6 AM 10: 26			
14. INTERMEDIATE FOREIGN CONSIGNEE				15. INTERMEDIATE END USE			
a. NAME				15a. DATE REQUIRED			
b. STREET ADDRESS (Facility Site)				15. INTERMEDIATE END USE			
c. CITY		d. COUNTRY		15a. DATE REQUIRED			
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