


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					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 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.						
<i>(See Instructions on Reverse)</i>											
1. APPLICANT'S USE		a. DATE OF APPLICATION 10/05/2006		b. APPLICANT'S REFERENCE AECL HEU07		2. NRC USE		a. DOCKET NUMBER 11005654		b. LICENSE NUMBER XSNM03473	
3. APPLICANT'S NAME AND ADDRESS					4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier)</i>						
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	e. ZIP CODE 37831	
f. TELEPHONE NUMBER (865) 576-4119		g. FAX (865) 241-4331		h. E-MAIL bgf@y12.doe.gov			c. CITY Oak Ridge		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 01/31/2008		9. CONTRACT NO. DE-GI55-06NA25758			
10. ULTIMATE FOREIGN CONSIGNEE					11. ULTIMATE END USE <i>(Include plant or facility name)</i>						
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.						
b. STREET ADDRESS (Facility Site) Chalk River Laboratories											
c. CITY Chalk River, Ontario K0J 1J0			d. COUNTRY Canada								
12. INTERMEDIATE FOREIGN CONSIGNEE					13. INTERMEDIATE END USE						
a. NAME None					RECEIVED OIP 2006 OCT 10 PM 3:30						
b. STREET ADDRESS (Facility Site)											
c. CITY			d. COUNTRY								
14. INTERMEDIATE FOREIGN CONSIGNEE					15. INTERMEDIATE END USE						
a. NAME											
b. STREET ADDRESS (Facility Site)											
c. CITY			d. COUNTRY								
16. COM CODE	17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>				18. MAX. ELEMENT WEIGHT	19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT		21. UNIT		
	Maximum of 15 kgU of 15 +/- kilograms of Uranium broken into metal pieces, enriched to a maximum enrichment of 93.15% +/- 0.20 (weight percent U-235).				15 +/- 0.5 kilograms U	93.15 +/- 0.2%	14.469.25		kg		
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE <i>(Use separate sheet if necessary)</i> US 100%											
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION <i>(Use separate sheet if necessary)</i>											
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 Y-12 Office, Program Manager					