

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-6 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.

(See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION 06/28/2007		b. APPLICANT'S REFERENCE AECL HEU-NOV07		2. NRC USE		a. DOCKET NUMBER 11005701		b. LICENSE NUMBER XSNM3504	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier)					
a. NAME Becky G. Eddy (NSA 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			e. ZIP CODE 37831	
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 11/01/2007		6. FINAL SHIPMENT SCHEDULED 12/31/2007		7. APPLICANT'S CONTRACTUAL DELIVERY DATE 02/28/2008		8. PROPOSED LICENSE EXPIRATION DATE 02/28/2008		9. CONTRACT NO. 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.					
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						13a. DATE REQUIRED					
b. STREET ADDRESS (Facility Site)											
c. CITY			d. COUNTRY								
14. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME						15a. DATE REQUIRED					
b. STREET ADDRESS (Facility Site)											
c. CITY			d. COUNTRY								
16. COM CODE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WEIGHT	
		Maximum of 15 kgU +/- 0.5 kilograms of Uranium broken into metal pieces, enriched to a maximum enrichment of 93.15% +/- 0.20 (weight percent U-235).				15.5 U		93.35		14.470	
										kg	
22. FOREIGN OBLIGATIONS BY COUNTRY AND PERCENTAGE (Use separate sheet if necessary)											
US (57%), Argentina (43%)											
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)											
See attached AECL letter dated June 8, 2007. *Delivery date between 11/1/07 and 12/30/07 (No. 5 and No. 6, above).											
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 Program Manager, Nuclear Materials Management			

*Rec'd
7-3-07
RB*