

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 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 (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	e. ZIP CODE 37831			
f. TELEPHONE NUMBER (865) 576-4119		g. FAX (865) 241-4331		h. E-MAIL bgf@y12.doe.gov		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 (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					RECEIVED 2006 OCT 10 PM 3:30 OIP								
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	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 (Use separate sheet if necessary)													
US 100%													
23. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)													
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							