

APPLICATION FOR LICENSE TO EXPORT NUCLEAR  
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

PDR

1. APPLICANT'S USE		a. DATE OF APPLICATION 12/01/87		b. APPLICANT'S REFERENCE MK. GORDON		2. NRC USE		a. DOCKET NO. 11004008		b. LICENSE NO. XMAT-0332	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)					
a. NAME ISOTEC, INC.						ATOMIC ENERGY OF CANADA LTD (AECL)					
b. STREET ADDRESS 3858 BENNER RD.						a. NAME SHERIDAN PARK RESEARCH COMMUNITY					
c. CITY MIAMISBURG				STATE OH		ZIP CODE 45342		b. STREET ADDRESS MISSISSAUGA, ONTARIO			
d. TELEPHONE NUMBER (Area Code - Number - Extension) (513) 859-1808						c. CITY CANADA L4K 1B2		STATE		ZIP CODE	
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)			
JANUARY 1988						JANUARY 1, 1993		N/A			
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)					
a. NAME UNIVERSITIES, RESEARCH INSTITUTIONS, HOSPITALS, PHARMACEUTICAL & CHEMICAL COMPANIES.						BIOLOGICAL, CHEMICAL & PHYSICAL RESEARCH					
b. STREET ADDRESS DENMARK, FINLAND, FRANCE, GERMANY, ITALY, JAPAN											
c. CITY - STATE - COUNTRY NETHERLANDS, SPAIN, SWEDEN, SWITZERLAND & ENGLAND						11a. EST. DATE OF FIRST USE JANUARY 1988					
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME N/A						N/A					
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY											
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME N/A						N/A					
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY											
16. NRC USE						17. DESCRIPTION (Include chemical and physical form of nuclear material, give dollar value of nuclear equipment and components)					
						18. MAX. ELEMENT WEIGHT					
DEUTERIUM OXIDE (HEAVY WATER)						50 KG					
DEUTERIUM GAS						180 KG					
8712110123 871201 PDR EXPORT XMAT-0332 PDR						230					
						19. MAX. WT. %					
						99.996					
						99.996					
						170					
						21. UNIT					
						kg					
						kg					
22. COUNTRY OF ORIGIN - SOURCE MATERIAL						23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED					
CANADA						CANADA					
						24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
						UNKNOWN					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)											
PLEASE SEE ATTACHED LETTER DATED 12/01/87											
FOR FURTHER TECHNICAL INFORMATION PLEASE CONTACT DR. MYRA GORDON, (513) 859-1808.											
26. 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.											
27. AUTHORIZED OFFICIAL				a. SIGNATURE				b. TITLE			
				[Signature]				ADMINISTRATIVE ASSISTANT			