



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DCS/DF02
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DEC 1 1989

Ms. Lori Faust
Isotec, Incorporated
3858 Benner Road
Miamisburg, OH 45342

Dear Ms. Faust:

In accordance with our telephone conversation of December 1, we are herewith returning without action your license application dated October 24, 1988 for the export of deuterium oxide and gas to various countries.

Sincerely,

for *Hans B. Slechte*

C. N. (Mike) Smith, Assistant Director
for International Security, Exports and
Materials Safety
Office of Governmental and Public Affairs

Enclosure:
License Application

8912070142 891201
PDR XPORT
XMAT-0337 PNU

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

1. APPLICANT'S USE		a. DATE OF APPLICATION 10/24/88		b. APPLICANT'S REFERENCE L. FAUST		2. NRC USE		a. DOCKET NO. 11004117		b. LICENSE NO. X-1100337		
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier of material)</i>						
a. NAME ISOTEC, INC.						a. NAME ATOMIC ENERGY OF CANADA LTD. (AECL)						
b. STREET ADDRESS 3858 BENNER RD.						b. STREET ADDRESS SHERIDAN PARK RESEARCH COMMUNITY						
c. CITY MIAMISBURG			STATE OH		ZIP CODE 45342		c. CITY MISSISSAUGA, ONTARIO			STATE CANADA		
d. TELEPHONE NUMBER (Area Code - Number - Extension) (513) 859-1808						c. CITY CANADA L4K 1R2			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 1989						JANUARY 1, 1994		N/A				
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE <i>(Include plant or facility name)</i>						
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						
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE						
a. NAME N/A						N/A						
b. STREET ADDRESS												
c. CITY - STATE - COUNTRY						13a. EST. DATE OF FIRST USE						
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE						
a. NAME N/A						N/A						
b. STREET ADDRESS												
c. CITY - STATE - COUNTRY						15a. EST. DATE OF FIRST USE						
16. NRC USE		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 WT.		21. UNIT
		DEUTERIUM OXIDE (HEAVY WATER)				25 KG		99.996				
		DEUTERIUM GAS				185 KG		99.996				
22. COUNTRY OF ORIGIN - SOURCE MATERIAL			23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)						
CANADA			CANADA			UNKNOWN						
25. ADDITIONAL INFORMATION <i>(Use separate sheet if necessary)</i> FOR FURTHER TECHNICAL INFORMATION CONTACT DR. MYRA GORDON, (513) 859-1808. X-Ref XMAT0332 and XMAT0333												
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 <i>[Signature]</i>				b. TITLE L. FAUST ADMINISTRATIVE ASSISTANT				

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