



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

May 16, 2000

Mr. Robin DeLaBarre  
Non-Proliferation/Nuclear Energy Affairs (NP/NEA)  
Department of State  
Washington, DC 20520

Dear Mr. DeLaBarre:

Enclosed is an application for a license (XB001299), recently received by the Nuclear Regulatory Commission, for the export to Canada of 2,611.0 curies of bulk tritium gas. The material is being returned to the original supplier (Ontario Power Generation Inc.) because the remainder of the tritium could not be desorbed by the client (Moravek).

Before taking action on this request, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the requested export meets the applicable criteria in the Atomic Energy Act of 1954, as amended

Sincerely,

Ronald D. Hauber, Deputy Director  
Office of International Programs

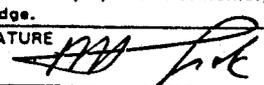
Enclosure: Appl. Dtd. 5/8/00  
(XB001299 - Canada)

cc w/enclosure: M. Krupa, DOE  
A. Welichozkiy, DOE  
W. Witter, DOD  
S. Clagett, DOC  
AECEB

**APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 1.7 HOURS. THIS MANDATORY SUBMITTAL IS REVIEWED TO ENSURE THAT THE APPLICABLE STATUTORY, REGULATORY, AND POLICY CONSIDERATIONS ARE SATISFIED. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (7-8 F30), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

(See Instructions on Reverse)

1. APPLICANT'S USE ----->		a. DATE OF APPLICATION 5/8/2000		b. APPLICANT'S REFERENCE		2. NRC USE ----->		a. DOCKET NUMBER		b. LICENSE NUMBER	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)					
a. NAME Transport Logistics International Inc.						a. NAME Moravek Biochemicals Inc.					
b. STREET ADDRESS (Facility Site) 4000 Blackburn Lane #250						b. STREET ADDRESS 577 Mercury Lane					
c. CITY Burtonsville		d. STATE Md		e. ZIP CODE 20866		c. CITY Brea		d. STATE Ca		e. ZIP CODE 92821	
5. TELEPHONE NUMBER (Area Code - Number - Extension) (301) 421-4324						9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If known)					
5. FIRST SHIPMENT SCHEDULED June 2000		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE June 2001					
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)					
a. NAME AECL - CHALK RIVER						USE CODE					
b. STREET ADDRESS (Facility Site) Chalk River Laboratories						For recovery and long term storage on behalf of Ontario Power Generation Inc. (supplier)					
c. CITY Chalk River, Ontario		d. COUNTRY Canada				11a. DATE REQUIRED					
12. INTERMEDIATE FOREIGN CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME						USE CODE					
b. STREET ADDRESS						13a. DATE REQUIRED					
c. CITY		d. COUNTRY				14. INTERMEDIATE FOREIGN CONSIGNEE					
14. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME						USE CODE					
b. STREET ADDRESS (Facility Site)						15a. DATE REQUIRED					
c. CITY		d. COUNTRY				16. INTERMEDIATE FOREIGN CONSIGNEE					
16. INTERMEDIATE FOREIGN CONSIGNEE						17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)					
17. DESCRIPTION		18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WEIGHT		21. UNIT			
Bulk tritium gas on a uranium bed in an Amersham 0666AY Package						2,600		curies			
Tritium gas as gas in a DOT 7A Type A cylinder						11					
22. COUNTRY OF ORIGIN -- SOURCE MATERIAL Canada				23. COUNTRY OF ORIGIN -- SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If known) Canada			
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) Material is being returned to the original supplier (Ontario Power Generation Inc.) because the remainder of the tritium could not be desorbed by the client (Moravek).											
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 Chief Executive Officer		

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TLI  
Transport Logistics International, Inc.  
4000 Blackburn Lane, Suite 250  
Burtonsville, MD 20866

May 8, 2000

U.S. Nuclear Regulatory Commission  
ATTN: Ms. Betty Wright, Office of International Programs  
Mail Stop 4E9  
Washington, D.C. 20555-0001

Dear Ms. Wright:

Please find enclosed an application requesting authorization to export tritium to gas to Canada. Pursuant to the *Federal Register* notice dated June 10, 1999, please also find enclosed the license fee of \$1,100.

Please do not hesitate to contact me at 301-421-4324 with any questions or comments you may have in this regard. We appreciate your assistance in this matter.

Best regards,

Melissa Mann  
Director, Research & Consulting

Enclosure

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