



**TRANSNUCLEAR, INC.**

Mr. Ronald D. Hauber  
Deputy Director  
Office of International Programs  
United States Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

August 9, 2001

Dear Mr. Hauber:

**SUBJECT: APPLICATION TO USNRC FOR AN AMENDMENT TO EXPORT LICENCE XSNM03171 TO AUTHORIZE THE EXPORT OF AN ADDITIONAL 10.0 KILOGRAMS OF HIGHLY ENRICHED URANIUM TO AECL'S CHALK RIVER, CANADA, FACILITY TO FABRICATE TARGETS FOR IRRADIATION IN AECL'S NRU REACTOR, TO PRODUCE RADIOISOTOPES FOR MEDICAL PURPOSES, AND TO EXTEND THE EXPIRATION DATE FROM APRIL 30, 2002, UNTIL SEPTEMBER 30, 2002**

This letter is to request an amendment to USNRC Export Licence XSNM03171 to extend its valid date from April 30, 2002, to September 30, 2002 and to add 10 kilograms of HEU metal, thereby increasing the authorized quantity from 10.05 to 20.05 kilograms.

The application is made to continue the production of medical isotopes in AECL's NRU reactor at the Chalk River Laboratories. The additional material is needed because of delays in bringing the MAPLE reactors and associated New Processing Facility into commercial operation. A detailed justification for the application is provided in the attached Addendum.

In accordance with regulations regarding fees, we are also enclosing a check issued to the US Nuclear Regulatory Commission for the amount of US\$9,300.

Your expedited review and issuance of an amendment to the export licence will be appreciated.

Do not hesitate to contact me if you have any questions.

Yours sincerely,  
Transnuclear, Inc.  
*Mathew George*  
Mathew George  
Traffic Coordinator

Encl.:

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DIB 94430

- c. J.-P. Labrie, AECL  
J.A. Glasgow, Morgan, Lewis & Bockius LLP

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