

XSNM01355
11000089

APPLICATION FOR LICENSE TO EXPORT
BYPRODUCT, SOURCE, OR SPECIAL NUCLEAR MATERIAL

Submit in Triplicate

Carefully Read Instructions on Back

1 DATE OF APPLICATION July 28, 1978	2 APPLICANT'S REFERENCE NO. MISC. (amy) 238 - 78-008/S/01	3 COUNTRY OF ULTIMATE DESTINATION Canada
4 NAME OF APPLICANT Transnuclear, INC. STREET ADDRESS 5205 Leesburg Pike CITY, STATE, AND ZIP CODE Falls Church, Virginia 22041		5 ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) Atomic Energy of Canada Limited Chalk River Nuclear Laboratories Chalk River, Ontario Canada K0J1J0
6 INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.") "Same"		7 IF PURCHASER IN FOREIGN COUNTRY IS OTHER THAN ULTIMATE CONSIGNEE, GIVE NAME AND ADDRESS. (If same, state "Same.") "Same"
8 (a) QUANTITY TO BE SHIPPED (See instructions on back.) 101 Kg U (as U Metal) 94 Kg U235	(b) COMMODITY DESCRIPTION (Include chemical and physical form for special nuclear material and byproduct material also specify isotopic content; if in a device, identify the device, manufacturer, and model number.) Uranium in the form of Uranium Metal enriched to a maximum of 93.3 percent U235. This material will be packaged and supplied by Union Carbide Corp., Oak Ridge TN, for shipments beginning in 1981/82	

(c) SHIPPING AND PACKING PROCEDURES (Required for special nuclear material. See instructions on back.)

I.A.E.A. Certificate of Competent Authority 4909 in accordance with 10 CFR Part 71.

9 END USE OF COMMODITIES COVERED BY THIS APPLICATION (Describe fully, stating what will be produced or manufactured, what service will be rendered, or the nature of the research that will be performed.) (See instructions on back for special nuclear material.)

Will be used as fuel as stated in the detailed listing attached and also as stated in attached End Use Statement, which also references 198 Kg U at 93.3 percent on XSNM-1292

10 The applicant, and any official executing this certificate on behalf of the applicant named in Item 4, certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 36 (if for byproduct material) or Part 40 (if for source material), or Part 70 (if for special nuclear material), and Part 71 (for transport of radioactive material, if applicable) and that all information contained herein, including any supplements attached hereto, is true and correct to the best of their knowledge and belief.

This material is privately owned.
Please issue for period of Three years.

U.S. NRC

Transnuclear, Inc.

(Applicant named in Item 4)

Vicki Matson

By:

Traffic Coordinator

(Title of certifying official authorized to act on behalf of the applicant)

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5-3-78
W. J. B. B. A. C.

U.S. NRC
TRAFFIC COORDINATOR

Atomic Energy
of Canada Limited

L'Énergie Atomique
du Canada, Limitée

Chalk River
Nuclear Laboratories

Laboratoires nucléaires
de Chalk River

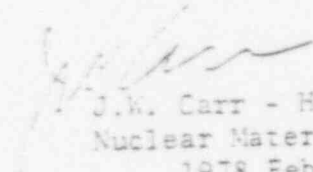
Chalk River, Ontario,
Canada K0J 1J0
(613) 854-3511 (Inland)
(613) 887-5551 (Via Parity)

END USE STATEMENT

279 kilograms of U-235 contained in 299 kilograms of uranium metal enriched to 93.3 weight percent in the isotope U-235 is to be delivered to Atomic Energy of Canada Limited, Chalk River Nuclear Laboratories, Chalk River, Ontario, for use as fuel as described in the detailed listing attached.

Approximately 19 kilograms of the total 299 kilograms is to be returned in kind in exchange for material recovered in reprocessing Batch No. 4 of USDOE-AECL Reprocessing Contract No. EY-76-C-09-1033.

Detailed information on the AECL research program, in support of the export application, has been provided directly to Mr. Dixon B. Hoyle of the U.S. State Department.


J.W. Carr - Head
Nuclear Materials Control Branch
1978 February 17

Attach: Listing

RECEIVED
N.M.C.B.

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EXPORT/IMPORT
AND
INTERNATIONAL TRADES