

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

AC  
XSNM01409  
11000314

Submit in Triplicate

Carefully Read Instructions on Back

1. DATE OF APPLICATION November 9, 1978	2. APPLICANT'S REFERENCE NO. (if any) MISC. 252 78-180/01	3. COUNTRY OF ULTIMATE DESTINATION Canada
4. NAME OF APPLICANT Transnuclear, Inc.  STREET ADDRESS 5205 Leesburg Pike  CITY, STATE, AND ZIP CODE Falls Church, Va. 22041		5. ULTIMATE CONSIGNEE IN FOREIGN COUNTRY (Name and address) Ontario Hydro 700 University Avenue Toronto, Ontario M5G-1X6 Canada
6. INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY (Give name and address. If same as ultimate consignee, state "Same.") Ontario Hydro c/o Eldorado Nuclear Ontario, Canada		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) 5 grams U 4.665 grams 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 UNH Solution (UO2/N03). Eight assay samples each contained in a ten gram volume solution enriched to a maximum of 93.3 percent U235. This material will be packaged and supplied by United Nuclear Corp., Rhode Island for shipment as soon as license is issued.	

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

I.A.E.A. Certificate of Competent Authority number USA/0002/B()F in accordance with 10 CFR Part 71 or DOT type A 7A specification container

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.)

Verification samples for umpire analysis to be performed by the A.E.C.L for Ontario Hydro, to satisfy A.E.C.B's requirement. Withdrawal of Samples will be witnessed by A.E.C.B. Representative.

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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.

U.S. NRC

This material is privately owned.  
Please issue for period of one year  
from date of issuance. 9 PM 4 11

Transnuclear, Inc.

(Applicant named in Item 4)

Vicki Matson

By:

Traffic Coordinator

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