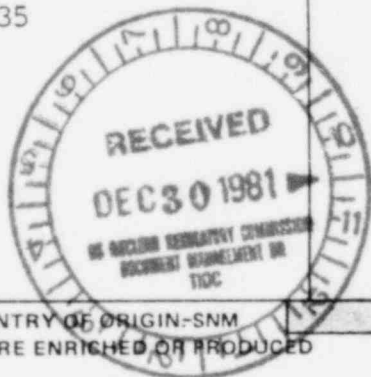


APPLICATION FOR LICENSE TO EXPORT NUCLEAR  
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION 16 December 1981		b. APPLICANT'S REFERENCE (Misc 391) 81-269/01		2. NRC USE RECEIVED LICENSE N U.S. NRC XSNM1900		b. DOCKET NO. 1100 2693					
3. APPLICANT'S NAME AND ADDRESS				RIS		4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME Transnuclear, Inc.						1981 DEC 18 PM 1 37 U.S.D.O.E.							
b. STREET ADDRESS One Skyline Place, 5205 Leesburg Pike						a. NAME C/O Union Carbide Corp.							
c. CITY Falls Church,		STATE VA		ZIP CODE 22041		b. STREET ADDRESS EXPORT IMPORT AND Plant INTERSTATE SPEDS							
d. TELEPHONE NUMBER (Area Code - Number - Extension) 703 820-2450				c. CITY Oak Ridge		STATE TN		ZIP CODE 37830					
5. FIRST SHIPMENT SCHEDULED 1983-1984		6. FINAL SHIPMENT SCHEDULED N/A		7. APPLICANT'S CONTRACTUAL DELIVERY DATE Same as item 5		8. PROPOSED LICENSE EXPIRATION DATE three years from date of issuance		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) to be determined					
10. ULTIMATE CONSIGNEE				RIS		11. ULTIMATE END USE (Include plant or facility name)							
a. NAME Atomic Energy of Canada, Ltd.						Will be used as fuel as stated in the detailed listing enclosed. (also lists 98KgU at 93.3%. See sep. license application (Misc 390)							
b. STREET ADDRESS Chalk River Nuclear Laboratories						11a. EST. DATE OF FIRST USE							
c. CITY - STATE - COUNTRY Chalk River, Ontario, Canada K0J1J0						13. INTERMEDIATE END USE							
12. INTERMEDIATE CONSIGNEE				RIS		Intermediate for transport purposes only							
a. NAME Eldorado Nuclear Ltd.						13a. EST. DATE OF FIRST USE							
b. STREET ADDRESS 215 John Street						15. INTERMEDIATE END USE							
c. CITY - STATE - COUNTRY Port Hope, Ontario, Canada						15a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE				RIS									
a. NAME													
b. STREET ADDRESS													
c. CITY - STATE - COUNTRY													
16. NRC USE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX ISOTOPE WT.		21. UNIT	
		Uranium in the form of uranium metal enriched to a maximum 93.3 percent U235				99 Kg U		93.3		92.367 Kg U235		Kg	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A.				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Canada					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)  8201150098 811216 PDR XPORT XSNM-1900 PDR													
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 Barbara A. Hannett				b. TITLE Traffic Coordinator					



Attached to license application  
for 98 Kgs U

RECEIVED  
U.S. NRC

1981 DEC 18 PM 3 18

To be Shipped in Calendar Year 1983

EXPORT/IMPORT  
AND  
INTERNAT'L SFGRDS

(a) FY 1984-85 Requirement

	<u>Kg U</u>
NRU Reactor U/Al Driver Fuel	68
NRX Reactor U/Al Driver Fuel	15
NRU U/Al Fast Neutron Rods	2
NRX/NRU Mo-99 U/Al Production Rods	13
	<u>98</u>

To be Shipped in Calendar Year 1984

(b) FY 1985-86 Requirement

NRU Reactor U/Al Driver Fuel	68
NRX Reactor U/Al Driver Fuel	15
NRU U/Al Fast Neutron Rods	2
NRX/NRU Mo-99 U/Al Production Rods	14
	<u>99</u>

J.W. Schreader  
1981 October 14