

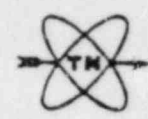
TRANSNUCLEAR, INC.

PDR

XSNM01627

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U.S. NRC



1981 JUL 14 PM 1 52

July 14, 1981

EXPORT/IMPORT
AND
INTERNAT'L SFCRDS

Mr. N. Moore
Nuclear Regulations Commission
Office of International Affairs
7735 Old Georgetown Rd.
Bethesda, MD. 20014

Re: Export License Application XSNM-1627
TN Ref: 79-231/01 (misc 308)

Dear Mr. Moore:

Enclosed is supplemental data which we have received from the
A.E.C.L. Canada outlining the proposed dispersement of the
material covered on this license application.

Thanking you in advance for your help and cooperation.

Sincerely,

Vicki Matson
Assistant Manager
Washington Operations

VM/sg

Encl: as stated above

cc: Mr. R. Delabarre
Dept. of State
Office of Nuclear Energy Technology Affairs
Room 7824A
Washington, D.C. 20520



Cover to PDR and ACC 7-14-81.

8107300236 810714
PDR XPORT
XSNM-1627 PDR

Atomic Energy
of Canada Limited
Research Company
Chalk River
Nuclear Laboratories

L'Énergie Atomique
du Canada, Limitée
Société de Recherche
Laboratoires Nucléaires
de Chalk River

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Operations Division

1981 JUN 14 PM
1981 June 15
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NAT'L SEC'DS

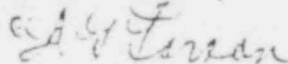
Ms. Vicki Matson
Transnuclear Inc
1 Skyline Place
5205 Leesburg Pike
Bailey's Crossroads
FALLS CHURCH, VIRGINIA 22041
USA

Dear Ms. Matson: EXPORT PERMIT APPLICATION XSNM-1627

To further support your application on our behalf for the above export permit, I have attached a list showing the proposed dispersement of the 191 kg enriched uranium required by AECL during FY 1982-83 and FY 1983-84. We are still waiting for clearance on the CRNL publications re the Low Enriched Uranium Fuel Development Program at CRNL and will forward these to you once they become available.

Please advise if any further information is required.

Yours sincerely



E.A.G. Larson -
Acting Head

Nuclear Materials Control Branch

Attachment:

191 kg of 93% Enriched Uranium Required in Fiscal Years 1982-83
and 1983-84 as Follows:

(a) 1982-83

NRU Reactor U/A1 Driver Fuel	58 kg U
NRX Reactor U/A1 Driver Fuel	23 kg U
NRU U/A1 Fast Neutron Rods	4 kg U
NRX/NRU Mo-99 U/A1 Production Rods	11 kg U
U/A1 Fuel Pins for SLOWPOKE Reactors	0 kg U
WNRE Thoria Fuel Development	<u>2 kg U</u>
TOTAL	98 kg U

(b) 1983-84

NRU Reactor U/A1 Driver Fuel	58 kg U
NRX Reactor U/A1 Driver Fuel	23 kg U
NRU U/A1 Fast Neutron Rods	0 kg U
NRX/NRU Mo-99 U/A1 Production Rods	12 kg U
U/A1 Fuel Pins for SLOWPOKE Reactors	0 kg U
WNRE Thoria Fuel Development	<u>0 kg U</u>
TOTAL	93 kg U

NOTE: FY 1982/83

Part of the 4 kg U requirement for NRU U/A1 Fast Neutron Rods will be made available to the Low Enriched Uranium Fuel Development Program at CRNL for feed material as production requires it.

J.W. Schreader

1981 June 15