

TRANSNUCLEAR, INC.



1982 NOV 29 PM 1 12

November 29, 1982

EXPORT/IMPORT  
AND  
INTERNATIONAL SERVICES

Mr. Neal Moore  
Nuclear Regulatory Commission  
Office of International Programs  
Washington, D.C.

Re: Import of Irradiated Fuel Elements from Canada  
TN Ref: MISC-424

Dear Mr. Moore:

Please consider this letter an application for Import License in accordance with 10 CFR 110.34.

1) Applicant: Battelle Columbus Laboratories  
505 King Ave.  
Columbus, Ohio 43201

(NOTE: Authority to file this application granted to Transnuclear, Inc. per enclosed telecopy from Battelle Laboratories.)

2) Ultimate Consignee: U.S.D.O.E./ Idaho National Engineering Labs  
Idaho Chemical Processing Plant  
Scoville, Idaho 83401

3) Shipper: Battelle Columbus Laboratories on behalf of:  
McMaster University  
Hamilton, Ontario  
Canada

4) The items to be imported upon issuance of Import License are irradiated MIR fuel assemblies from McMaster University, Hamilton, Ontario, Canada to U.S.D.O.E., Idaho National Engineering Labs, I.C.P.P., Scoville, Idaho, under U.S.D.O.E. Contract no. DE-AC09-76SRO-1033. This material is of U.S. origin.

5) The irradiated fuel elements will be packaged in type BMI-I container, in accordance with I.A.E.A. Certificate of Competent Authority USA/5957/B( )F Revision 2. Material will be shipped from Canada to Scoville, Idaho by truck in accordance with 10 CFR 73.37.

6) This is a single shipment to take place no later than December 1982 due

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PDR EXPORT  
ISNM-82027 PDR

ONE SKYLINE PLACE • 5205 LEESBURG PIKE • FALLS CHURCH, VIRGINIA 22041-3876  
TELEPHONE: 703-820-2450 • CABLE: TRANSNUC FSCH • TELEX: 64493 & TELEX 89-9463



to the following:

- Cask window availability
- Reprocessing Contract due to expire 31 December 1982
- Feed stock requirement for new fuel to meet contractual timetable
- Anticipated travel delays due to inclement weather during winter months.

Because of these reasons we request that your office drop the 30-day Federal Register notification requirement for this shipment.

7) The quantities requested for import are as follows:

3298 grams total U, containing 2686 grams U-235 (original nominal enrichment at 93% U-235) \*  
and 0.70 grams PU.

Thank you for your cooperation in expediting this most urgent matter.

Sincerely yours,

Barbara A. Hannett  
Traffic Coordinator

Encl: Telecopy number 879-9135 from Thomas R. Emswiler, Battelle

BAH/b

\* Bunnyp estimate - 35%, therefore  
material to be imported will  
be between 65% + 85%

Teletype to Tom Enswiler at West Jefferson.  
Teletype #879-8135

Telex #64493 - Answer back TRAN FC 64493 or #899453 - Answer back  
TRANS NUC-PSCH

To Transnuclear Incorporated

Attention: Barbara Hannett

Per the request of McMaster~~y~~ University, Hamilton, Ontario, Canada, Battelle will, on behalf of and not as an agent for McMaster~~y~~ University, apply to the USNRC for a USNRC import/export license for the transport of irradiated MTR test reactor fuel assemblies from McMaster~~y~~ University to the Idaho Chemical Processing Plant (ICPP), Scoville, Idaho. The proposed shipment, to be made in cask BMI-I, USA/5957/B( )P, will, according to McMaster, consist of 3,298 grams total U of which 2686 grams are U-235, and 0.70 grams total Plutonium,

We hereby request that Transnuclear Incorporated prepare and file the necessary paperwork involved in obtaining any necessary USNRC import/export licenses and/or permits.

Yours truly,

Thomas R. Enswiler

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