



TRANSNUCLEAR, INC.

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BCW
XSNM 3012
file

April 25, 2000

Mr. Ronald D. Hauber
Office of International Programs
Director for Non-proliferation, Exports and Multilateral Relations
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Export license XSNM03012

Dear Mr. Hauber:

Further to Transnuclear, Inc. letters dated November 24 and December 30, 1999 concerning two shipments of HEU from Oak Ridge, TN to Atomic Energy of Canada, Ltd., Chalk River, Ontario, Canada, we now understand that these shipments are tentatively planned to depart Oak Ridge sometime in May or June 2000.

Pursuant to Condition 10 of NRC License No. XSNM03012, which requires that the Licensee inform the NRC in writing at least 30 days prior to each export under the license, Transnuclear, Inc. hereby informs the NRC that it will export for Atomic Energy of Canada, Ltd., Chalk River Nuclear Laboratories, Chalk River, Ontario, Canada, 6.760 kg of HEU metal, for production of medical isotopes in the NRU Reactor. The material will be shipped as two separate shipments. One of 5 kg and the second shipment of 1.760 kg. Each shipment will contain less than 5.0 kg U235.

The 6.760 kg of HEU metal will be imported into Canada to satisfy the target manufacturing lead-time at AECL's Chalk River Laboratories and secure the on-going production of medical isotopes in the NRU reactor.

AECL intends to continue using HEU to produce medical isotopes in the NRU reactor until November 2000 or when the MAPLE reactors, currently being built, are in service.

We consider this letter as an update to our original 30 day notification pursuant to Condition 10 of license XSNM03012.

If you have any questions, please call Joan McLaughlin of my staff.

Yours truly,
Transnuclear, Inc.

John Mangusi
John Mangusi (J.M.)
General Manager - Operations

cc: B. Wright, Export/Import Licensing Officer
FOUR SKYLINE DRIVE • HAWTHORNE, NEW YORK 10532-2176
TELEPHONE: 914-347-2345 • FAX: 914-347-2346