



2 Pages sent VIA FAX 1-14-2000

### TRANSNUCLEAR, INC.

Division of Safeguards and Transportation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555  
Attn: Ms. Gloria Bennington.

January 14, 2000

Re: Transnuclear reference No.99088-6

Advance notification for an export shipment of special nuclear material of low strategic significance.

Dear Ms. Bennington:

This letter constitutes Transnuclear Inc.'s advance notification to the USNRC in compliance with the requirements as outlined in 10 CFR 73.73 for an export shipment of special nuclear material of low strategic significance.

Details of this shipment as required in 10 CFR 73.73 (a)(1)(2) are as follows:  
73.73 (a)(3)(i) Data:

Export Licensee	Receiving Facility
Transnuclear, Inc. 4 Skyline Drive Hawthorne, NY 10532 914-347-5064	ABB Atom AB S-721 63 Vasteras Sweden 011 46 21 347000
Shipping Facility	Carriers
US Enrichment Corporation 3930 U.S. Route 23 Piketon, OH 45661 740-897-3025	Pacer Transportation 725 North Point Road Baltimore, MD 21237 410-325-3600
Transport Coordinator	AND
Transnuclear, Inc. 4 Skyline Drive Howthorne, NY 10532 914-347-2345	Atlantic Container Line 50 Cragwood Road South Plainfield, NJ 07080 800-225-1235

SUNSI Review Complete  
Rids: NMS504 Public  
Template: NMS5008

TNY:99088-6

FOUR SKYLINE DRIVE, HAWTHORNE, NEW YORK 10532  
Phone: 914-347-2345 • Fax: 914-347-2346

TNY: 99088-6  
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January 14, 2000  
G. Bennington, USNRC

73.73(a)(3)(ii) Data

Physical description of shipment:

14 - 30B cylinders containing RQ "Uranium Hexafluoride, Fissile containing more than 1% U-235) 7, UN2977" (U-238, U-235) Solid UF6. Approximate Weight of UF6: 27979kg  
Uranium: 18914 kg Weight of U-235: 761 kg U-235 enrichment less than 5% U235  
USNRC Export License Nos XSNMO3109 .  
IAEA Competent Authority Certificate No. USA/9196/AF-85 Rev.20

73(a)(3)(iii)(iv)(v) Data:

MODE	ORIGIN(O),TRANSFER(T), COUNTRY/ENROUTE(C/E)& DESTINATION (D) POINTS	ROUTE	DATE/TIME OF ARRIVAL (A) & DEPARTURE(D) AT EACH POINT
Truck	Piketon, OH (O)	Standard Highway	(D) February 2 & 4, 2000 0800-1700 hrs
	Baltimore, MD		(A) February 3 & 7, 2000 0800-1600 hrs
Vessel "ATL Compass"	Baltimore, MD	Standard Ocean route	(D) February 10, 2000 0001-2359 hrs
	Halifax, Canada (C/E)		(A/D) February 14, 2000 0001-2359 hrs
	Liverpool, UK		(A/D) February 22, 2000 0001-2359 hrs
	Antwerp, Belgium		(A/D) February 24, 2000 0001-2359 hrs
	Bremerhaven, Germany (C/E)		(A/D) February 26, 2000 0001-2359 hrs
	Gothenburg, Sweden		(A/D) February 28, 2000 0001-2359 hrs

Arrival at the receiving facility ABB Atom AB, Vasteras, Sweden is estimated to be between 0700 hours and 1900 hours on February 29, 2000.

This shipment will meet the levels of physical protection specified in Appendix E (Annex I).

Yours truly

Transnuclear, Inc.

*Mathew George*

Mathew George

Transport Coordinator