



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DCS/DF02
1/1

FEB 2 1990

Mr. Ted Hart
U.S. Department of Energy
Office of International Affairs
Mail Stop IE-13
Washington, D.C. 20585

Dear Mr. Hart:

Enclosed is an application for an export license (XSNM02502), recently received by the Nuclear Regulatory Commission, for the export of low-enriched uranium for use as reload fuel for Barseback No. 2 in Sweden. Assurances are required that the material will be subject to all of the terms and conditions of an agreement for cooperation. Your assistance in obtaining the necessary assurances will be appreciated.

Please note the material is of Canadian and Australian origin.

Sincerely,

Hans B. Schechter, Acting Assistant Director
for International Security, Exports and
Materials Safety
International Programs
Office of Governmental and Public Affairs

Enclosure:
Appl. dtd 1/22/90
(XSNM02502 - Sweden)

cc w/Enclosure:
T. Hart, DOE
R. DeLaBarre, DOS
N. Martin, DOE
M. Rosenthal, ACDA
G. Brubaker, DOD
G. Kuzmycz, DOC

9002120126 900202
PDR EXPORT
XSNM-2502 PDC

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

1. APPLICANT'S USE		2. NRC USE		3. APPLICANT'S REFERENCE		4. DOCKET NO.		5. LICENSE NO.			
January 22, 1990		MIS-505		RIS		11004255		XSNM02502			
3. APPLICANT'S NAME AND ADDRESS					4. SUPPLIER'S NAME AND ADDRESS						
a. NAME Transnuclear, Inc.					a. NAME U.S.D.O.E.						
b. STREET ADDRESS Two Skyline Drive					b. STREET ADDRESS Portsmouth Gaseous Diffusion Plant						
c. CITY Hawthorne			STATE NY	ZIP CODE 10532		c. CITY Piketon			STATE OH	ZIP CODE 45661	
d. TELEPHONE NUMBER (Area Code - Number - Extension) (914) 347-2345, Ext. 3056					c. CITY Piketon					STATE OH	ZIP CODE 45661
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)			
ASAP		N/A		Same as item 5		Dec. 31, 1996		To be determined			
10. ULTIMATE CONSIGNEE					11. ULTIMATE END USE						
a. NAME Barseback Nuclear Power Plant Unit No. 2					a. NAME To be used as reload fuel in the Barseback No.2 (see attached end use statement)						
b. STREET ADDRESS					11a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY Barseback, Malmohus, Sweden					13. INTERMEDIATE END USE						
12. INTERMEDIATE CONSIGNEE					13. INTERMEDIATE END USE						
a. NAME ABB-Atom AB					For conversion and fabrication of fuel						
b. STREET ADDRESS S-721, 63					13a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY Vasteras, Sweden					15. INTERMEDIATE END USE						
14. INTERMEDIATE CONSIGNEE					15. INTERMEDIATE END USE						
a. NAME Ledoux and Company					Shipper of record for sample quantity only						
b. STREET ADDRESS 359 Alfred Avenue					15a. EST. DATE OF FIRST USE						
c. CITY - STATE - COUNTRY Teaneck, NJ					15a. EST. DATE OF FIRST USE						
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 hexafluoride, enriched to 5.00 w/o maximum				(U) 83415		5.00	(U235) 4170	Kgs	
22. COUNTRY OF ORIGIN-SOURCE MATERIAL			23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)					
* Canada and Australia			U.S.A.			EURATOM/Sweden					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)											
* At this time it is not known what the breakdown is for Canadian and Australian origin material. Transnuclear, Inc. will advise NRC once known.											
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				b. TITLE					
		Patricia B. Quain				Traffic Coordinator					

9002020020 TP.



TRANSNUCLEAR, INC.

XSNM02502
11004255

January 22, 1990

Mrs. Betty Wright
United States Nuclear
Regulatory Commission
One White Flint North
Mail Stop 3-H-5
Washington, DC 20555

Re: Export License Application for Barseback No.2
TNY Ref: MIS-505

Dear Betty:

Enclosed is an export license application and its end use statement for your handling on the following:

- 4170 Kgs. Uranium-235, contained in 83415 Kgs. Uranium, in the form of Uranium Hexafluoride, enriched to 5.00 w/o maximum

The above figures include tolerances.

Please call me if you have any questions.

Very truly yours,

Patricia B. Quain
Traffic Coordinator

PBQ
Enclosures

RECEIVED

RECEIVED

TWO SKYLINE DRIVE • HAWTHORNE, NEW YORK 10532-2120
TELEPHONE: 914-347-2345 • FAX: 914-347-2346 • TELEX: 681-8082

900202002 2.



ASEA BROWN BOVERI

TELECOPY from ABB Atom

XSNM02502
11004255

Date: 1990-01-17

Reference: MA 03690

To: Mrs Bererly Josephs, Transnuclear. Inc. NY, USA

From: Hans Stjärnholm, Phone +46 21 107227

Number of pages, including this cover sheet: 1

Subject: Export License

We have recieved a new Fuel Fabrication Order for Barsebäck Unit No 2(four Reloads to be delivered during 1992-1995), why we need to apply for a new export license(or an extension of present XSNM02169) based upon the following data:

- Maximum 83000 kgU
- Maximum 4150 kg U-235
- Maximum Assay: 5.0 w/o U-235
- Time of validity: Until December 31, 1996
- End User: Barsebäck Nuclear Power Plant Unit No 2, operated by Sydsvenska Värmekraft AB
- Origin of Feed Uranium: All or part of the required quantity will probably be of Canadian and/or Australian origin

Best Regards
ABB Atom AB
Fuel Division
Marketing

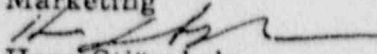

Hans Stjärnholm

ABB Atom AB

Fuel Division

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