



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

MAY 12 1989

DCS/DF02
11

Mr. John M. Rooney, Director
Technology Policy Division
Office of Classification and
Technology Policy
U.S. Department of Energy
Washington, D. C. 20585

Dear Mr. Rooney:

Enclosed is a letter from Transnuclear, Inc. dated May 3, 1989 requesting an amendment to export license XSNM02169 to increase the enrichment of the material to be exported from 4.05% to 5.05%. For your information we are also attaching a copy of the most recent amendment to this license.

Before we can act on this request, we will need a letter from the Government of Sweden approving the increase in the enrichment of the material to be exported. Your assistance in obtaining the necessary approval will be appreciated.

Sincerely,

Marvin R. Peterson, Assistant Director
for International Security
International Programs
Office of Governmental and Public Affairs

Enclosures:

ltr. dtd. 5/3/89

(XSNM02169, Amend. No. 07 - Sweden)

(XSNM02169, Amend. No. 06 - Sweden)

8905240373 890512
PDR XPORT
XSNM-2169 PNU

THIS LICENSE EXPIRES 31 December 1990

United States of America

Nuclear Regulatory Commission

XSNM02169

Amendment No. 06

Page 1 of 2 Pages

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued

to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

LICENSEE

NAME Transnuclear, Inc.

ADDRESS Two Skyline Drive
Hawthorne, NY 10532-2120

Attn: P. B. Quain

ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

NAME Various Swedish Nuclear Power Reactors

ADDRESS

(To be used as fuel for the
reactors listed on page two.)

INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

NAME ABB-ATOM AB
S-721, 63
Vasteras, Sweden

ADDRESS (Conversion and Fabrication)

OTHER PARTIES TO EXPORT

U.S. Department of Energy
Portsmouth Gaseous Diffusion Plant
c/o Martin-Marietta Energy Systems
Piketon, OH 45661

(Supplier)

Ledoux and Company
359 Alfred Avenue
Teaneck, NJ

(Shipper of record for sample quantity only)

APPLICANT'S REF. NO. TNH-453

COUNTRY OF ULTIMATE DESTINATION Sweden

QUANTITY

DESCRIPTION OF MATERIALS OR FACILITIES

DISTRIBUTION:

Licensee
License file
License issued
folder
DCS/DF02JBecker, OGC
PTana, NMSS
NMartin, DOE
THart, DOE
BStout, MMGSanslow, OROO
DBooher, OROO
EMBASSY
IP r/f

This license is amended to:

- 1) Add Ledoux and Company as other party to export; and
- 2) Authorize the shipment of additional Australian-origin material.

The total quantity of material authorized for export to Sweden under this license is 840,265.373 kilograms uranium containing 30,804.292 kilograms uranium-235, enriched to 4.05 w/o maximum.

The shipment of Australian and Canadian material is authorized.

RECEIVED
AECB
Australia
Emb of Canada
R. Deha Barre, DOS

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW
BY AUTHORIZED NRC REPRESENTATIVE

Original signed by

Marvin R. Peterson

Marvin R. Peterson, Assistant Director
for International Security

DATE OF ISSUANCE APR 21 1989

8905030006 EXPORT LICENSE

EXPORT LICENSE

NRC FORM 250
(9-87)

NRC LICENSE NO.

THIS LICENSE EXPIRES ~~31 December 1990~~United States of America
Nuclear Regulatory CommissionXSNM02169
Amendment No. 06
Page 2 of 2 Pages

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ADDRESS Two Skyline Drive
Hawthorne, NY 10532-2120
Attn: P. B. Quain

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ADDRESS
(To be used as fuel for the reactors listed on page two.)

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S-721, 63
Vasteras, Sweden
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c/o Martin-Marietta Energy Systems
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Ledoux and Company ZLD
359 Alfred Avenue
Teaneck, NJ(Shipper of record for sample quantity only)
COUNTRY OF ULTIMATE DESTINATION Sweden

APPLICANT'S REF. NO. TNH-453

QUANTITY

DESCRIPTION OF MATERIALS OR FACILITIES

XSNM02169, Amendment No. 06 (Continued)

Total quantity of material licensed for each facility is as follows:

Facility	Uranium (in kgs)	Uranium-235 (in kgs)	Total Canadian-origin	Total Australian-origin
Oskarshamn No. 1	22,672.400	711.330		
Oskarshamn No. 2	125,202.925	4,812.357		
Ringhals No. 1	79,803.186	3,014.369		
Ringhals No. 3	90,238.655	3,653.352		
Ringhals No. 4	39,943.533	1,189.477		
Forsmark No. 1	731.146	29.611		
Forsmark No. 2	97,488.988	3,919.158		
Forsmark No. 3	230,048.894	7,425.422		
Barsebaeck No. 1	58,987.295	2,388.985		
Barsebaeck No. 2	95,148.351	3,660.231		
Total	840,265.373	30,804.292	11,944.425	14,800.000

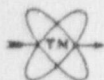
Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW
BY AUTHORIZED NRC REPRESENTATIVEOriginal signed by
Marvin R. PetersonMarvin R. Peterson, Assistant Director
for International Security

DATE OF ISSUANCE APR 21 1988

EXPORT LICENSE



TRANSNUCLEAR, INC.

May 3, 1989

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

*XSNM02169
Amend. No. 07*

Attn: Mrs. Betty Wright

Re: Export License XSNM02169, Amn. 7

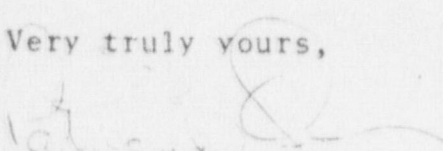
Dear Betty:

Per the enclosed fax from ABB Atom, please amend export license XSNM02169 as follows:

-Increase the allowable assay from maximum 4.05 w/o U-235 to maximum 5.05 w/o U-235.

All other terms and conditions remain unchanged.

Very truly yours,


Patricia B. Quain
Traffic Coordinator

PBQ:dmr:0620D

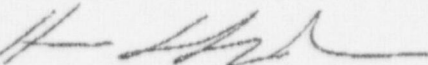
Enclosure

TELECOPY from ABB ATOM

Date: May 2, 1989 Reference No: _____
To: Mrs Patricia B. Quain
Transnuclear, Inc, New York
Number of pages incl this sheet: 4
From: Hans Stjärnholm Telephone No: + 46 (0)21 107 222

- Many thanks for your fax of April 26, 1989, regarding License No XSNMO 2169.
- We have now received license from the Swedish Nuclear Inspectorate to operate up to an assay of 5.0 w/o U-235. The assay in the license "4.05 w/o maximum" should therefore be increased to "5.05 w/o maximum".
- We will have 720 kgU, assay 2.64 w/o U-235 for the US reactor WNP-2. Please apply for an export license. Mrs Mellhorn will contact you regarding transportation of this cylinder.

Best Regards,


Hans Stjärnholm,

Fuel Division

ABB ATOM
S-721 63 VÄSTERÅS, Sweden
Telephone: +46 (0)21 10 70 00
Telex: 40629 atomva s

Telecopier No: +46 (0)21 18 27 37 (Group 3, Panafax UF-400AD)