

March 31, 1981



SECY-81-213

POLICY ISSUE
(Information)



For: The Commissioners

From: William J. Dircks
Executive Director for Operations

Subject: EXECUTIVE BRANCH RESPONSE ON PENDING EXPORT APPLICATION
FOR HEU TO SWEDEN, XSNM01679

Purpose: To inform the Commission of the above subject.

Discussion: Enclosed for the information of the Commission are copies of the Executive Branch response on a pending export license application. Also enclosed are copies of the original application and related correspondence. Copies of the Executive Branch comments have been placed in the Public Document Room. A Commission Action Paper will be forwarded soon.

Commissioners are requested to advise the staff of any particular issues or information which they can identify at this stage and which they wish included in the staff's analysis.

A handwritten signature in black ink, appearing to read "W. J. Dircks".

William J. Dircks
Executive Director for Operations

Enclosures:
As Stated

CONTACT: B. Wright, PEI
(49-27980)

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Washington, D.C. 20520

BUREAU OF OCEANS AND INTERNATIONAL ENVIRONMENTAL AND SCIENTIFIC AFFAIRS

MAR 20 1981

SECRET
MAR 20 1981
BUREAU OF OCEANS AND INTERNATIONAL ENVIRONMENTAL AND SCIENTIFIC AFFAIRS

Mr. James R. Shea
Director of International Programs
United States Nuclear Regulatory Commission
Room 6714 - MNBB
Bethesda, Maryland

XSNM01679
HEU for R-2
Studsvik

Dear Mr. Shea:

This letter is in response to the letter from your office dated May 6, 1980, requesting Executive Branch views as to whether issuance of an export license in accordance with the application hereinafter described would be inimical to the common defense and security of the United States and whether the proposed export meets the applicable criteria of the Atomic Energy Act of 1954, as amended by the Nuclear Non-Proliferation Act of 1978:

NRC No. XSNM01679 - Application by Transnuclear, Inc. for authorization to export to Sweden, via the Federal Republic of Germany and France, 32.737 kilograms U-235 in 35.088 kilograms uranium enriched to 93.3 percent. The enriched uranium in the form of uranium hexafluoride will be shipped to NUKEM for conversion and then fabricated into fuel elements by NUKEM and CERCA for use in the R-2 Studsvik Research Reactor.

The proposed export to the intermediate consignees in the FRG and France for conversion and fabrication would take place pursuant to the Additional Agreement for Cooperation Between the United States and the European Atomic Energy Community (EURATOM) as confirmed in a letter from the Delegation of the Commission of the European Communities, a copy of which is enclosed. EURATOM has adhered to the provisions of its Agreement for Cooperation with the United States.

The proposed export to the ultimate consignee for loading into the R-2 Studsvik Research Reactor would take place pursuant to the Agreement for Cooperation Between the United States and Sweden as confirmed in a letter from the Embassy of Sweden, a copy of which is enclosed. Sweden has adhered to the provisions of its Agreement for Cooperation with the United States.

The Executive Branch has reviewed the application and concluded that the requirements of the Atomic Energy Act, as amended by the Nuclear Non-Proliferation Act of 1978, have been met and that the proposed export will not

security of the United States. A letter dated January 18, 1980 for NRC has been no material change in detailed analysis for EURATOM was application Nos. XSNM01212, -1232, and -12295, extending the duration of

DUPLICATE DOCUMENT

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No. of pages: 4

JUN 30 1980

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Mr. G. F. Helfrich, Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Helfrich:

Enclosed please find a letter from Transnuclear, Incorporated transmitting additional information on export license application XSNM01679.

Please consider this in conjunction with the application which was forwarded to you on May 6, 1980.

Sincerely,

Original signed by
Marvin R. Peterson

Marvin R. Peterson, Acting Assistant
Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Ltr. dated 6-18-80
(XSNM01679)

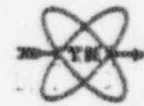
cc w/enclosure:
Mr. Michael McDonough, DOE
Mr. Richard L. Williamson, ACD/NP/NX
Ms. Sheila Buckley, DOD
Mrs. Natalie Martin, DOE
Ms. Jeanne Nelson, DOC
Mr. Robbin DeLaBarre, DOS

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OFFICE	IPEI	IPEI	IPEI	IPEI
SURNAME	BLWright:pb	RNMoore	JBDevine	MRPeterson
DATE	6/18/80	6/18/80	6/30/80	6/30/80

TRANSNUCLEAR, INC.



1980 JUN 19 AM 9 00

June 18, 1980

Mr. N. Moore
Nuclear Regulatory Commission
Office of International Programs
7735 Old Georgetown Road
Bethesda, Maryland 20014

EXPORT CONTROL
INTERNATIONAL OFFICES

XSNM01679
11002051

Re: Export License Application XSNM 1679
TN Ref: 80-104/01 (NUK-326)

Dear Mr. Moore:

Attached is a copy of a letter which we received from Nukem GmbH, F.R.G. indicating that a correction should be made on the supplemental information submitted to you with our license application dated April 30, 1980.

Also for your information are copies of supplemental data which have been sent by Nukem GmbH, directly to Dr. Travelli at Argonne National Laboratory.

Please insure that copies of the above referenced documentation is forwarded to appropriate officials within U. S. Executive Branch.

Thanking you in advance for your help and cooperation.

Sincerely,

Vicki Matson
Assistant Manager
Washington Operations

Enclosure: as stated above

cc: Mr. J. Marchal/Euratom
with enclosure

VM/ak

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to PER and ACC 6-27-80

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Mr. G. F. Helfrich, Director
Office of Program Implementation
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Mr. Helfrich:

Enclosed please find an application from Transnuclear, Incorporated for a license to export special nuclear material to Sweden.

Before taking action on this license application, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the issuance of the requested license would be inimical to the interests of the United States, including the common defense and security, and whether the proposed export meets the applicable criteria in the Atomic Energy Act as amended by the Nuclear Nonproliferation Act of 1978.

Sincerely,

Original signed by
Marvin R. Peterson

Marvin K. Peterston, Acting Assistant
Director
Export/Import and International
Safeguards
Office of International Programs

Enclosure:
Appl. dtd. 04/30/80
(XSNM01679)

cc w/enclosure:
Mr. Michael McDonough, DOE
Mr. Richard L. Williamson, ACDA/NP/NX
Ms. Sheila Buckley, DOD
Mrs. Natalie Martin, DIE
Ms. Jeanne Neslon, DOC
Mr. Robin DeLaBarrs, DOS

Dupe 8045210167

OFFICE ▶	IPEI <i>BLWright</i>	IPEI <i>RM</i>	IPEI <i>W</i>	IPEI <i>MR</i>
SURNAME ▶	BLWright,sg	RNMoore	W	MRPeterson
DATE ▶	05/03/80	05/6/80	05/5/80	05/6/80

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

1. APPLICANT'S USE		a. DATE OF APPLICATION April 30, 1980		b. APPLICANT'S REFERENCE NUK-326 80-104/01		2. NRC USE		a. LICENSE NO. XSNM91679		b. DOCKET NO. 11002051			
3. APPLICANT'S NAME AND ADDRESS a. NAME Transnuclear, Inc. d. STREET ADDRESS One Skyline Place, 5205 Leesburg Pike c. CITY Falls Church STATE Va. ZIP CODE 22041						4. SUPPLIER'S NAME AND ADDRESS RIS (Complete if applicant is not supplier of material) U.S.D.O.E. a. NAME c/o Goodyear Atomic Corp. b. STREET ADDRESS Route One c. CITY Piketon STATE Ohio ZIP CODE 45661							
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE To be determined		8. PROPOSED LICENSE EXPIRATION DATE one year from date of issuance		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known) none assigned to date					
10. ULTIMATE CONSIGNEE a. NAME Studsvik Energiteknik AB b. STREET ADDRESS S-61182 Nykoping c. CITY - STATE - COUNTRY Sweden						11. ULTIMATE END USE (Include plant or facility name) Will be used for the manufacture of fuel elements for the R-2 Reactor, Studsvik, Nykoping, Sweden (See attached End Use Statement) 11a. EST. DATE OF FIRST USE 01							
12. INTERMEDIATE CONSIGNEE a. NAME Nukem GmbH, D-6450 Hanau 11 b. STREET ADDRESS Postfach 110080 c. CITY - STATE - COUNTRY Federal Republic of Germany						13. INTERMEDIATE END USE Conversion and manufacturing of fuel elements (See attached End Use Statement and Reactor Checklist) 13a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE a. NAME CERCA, 26104 Roman-sur-Isere, France and b. STREET ADDRESS NUKEM GmbH - D-6450 Hanau II Postfach 110080 c. CITY - STATE - COUNTRY Federal Republic of Germany						15. INTERMEDIATE END USE Manufacturing of fuel elements. (See attached End Use Statement and Reactor Checklist) 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	
103		Uranium in the form of uranium hexafluoride enriched to a maximum of 93.3 percent U235.				35.088 Kg U		93.3%		32.737 U235		Kg	
<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>DUPLICATE DOCUMENT</p> <p>Entire document previously entered into system under:</p> <p>ANO <u>8005210086</u></p> <p>No. of pages: <u>4</u></p> </div>						22. POLUCED		24. COUNTRIES WHICH ATTACH SAFEGUARDS (if known) EURATOM					
						23. RECEIVED		<p style="writing-mode: vertical-rl; transform: rotate(180deg);">RECEIVED NRC</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">MAY 10 1980</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">RECEIVED NRC</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">MAY 10 1980</p>					
						25. No. of pages: <u>4</u>							
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 <i>[Signature]</i>		b. TITLE Assistant Manager, Washington Operations Transnuclear, Inc.					

Copy to PDR and ACC 5-3-80

TRANSNUCLEAR, INC.

RECEIVED
U.S. NRC



1980 MAY 01 Fri 1 21

April 30, 1980

Mr. N. Moore
Nuclear Regulatory Commission
Office of International Programs
7735 Old Georgetown Road
Bethesda, Maryland 20014

Re: Three Export License Applications
TN Ref: 79-332/01 (REU 327)
80-104/01 (NUK-326)
80-095/01 (TNP 325)

Dear Mr. Moore:

Enclosed are the following Export License Applications for your handling.

- 2002 Millicuries CF252 as Cermet wire
- 35.088 Kg U as UF₆, containing 32.1 Kg U235
enriched to a maximum of 73.3 percent U235
- 11053.0 Kg U as UF₆ (plus 1.0 Kg U sample)
containing 475.3 Kg U235 (plus 0.043 Kg U235)
enriched to a maximum of 4.3 percent U235

Thanking you in advance for your help and cooperation.

Sincerely,

Vicki Matsen
Assistant Manager
Washington Operations

Enclosures: Three (3) E.U.S.
One reactor checklist

VM/ak

Dupe 800 5210105