

OCT 28 1985

Ms. Eleanor Busick, Acting Director
Office of Nuclear Export and Import Control
Bureau of Oceans and International
Environmental and Scientific Affairs
U.S. Department of State
Washington, D.C. 20520

Dear Ms. Busick:

Enclosed please find an application from Transnuclear, Inc. for a license to export 6,000 kilograms uranium, containing 5,598 kilograms uranium-235 (93.3 w/o maximum), to West Germany for use as working stock for fabrication of fuel elements for Material Test and Research Reactors.

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 proposed export meets the applicable criteria in the Atomic Energy Act of 1954 as amended by the Nuclear Nonproliferation Act of 1978.

Sincerely,

Original signed by: Marvin R. Peterson

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

Enclosure:
Appl. dtd. 10/22/85
(XSNM02243 - West Germany)

cc w/enclosure:
Mr. Ted Hart, DOE
Mr. Robin DeLaBarre, DOS
Ms. Nataly Martin, DOE
Mr. Gary Bray, ACDA
Mr. Gerald Oplinger, DOD

DISTRIBUTION:
IP r/f
IPEI r/f
PDR
EDO r/f
WJDircks, EDO
JBecker, ELD
LWirfs, NMSS
DSayles, NMSS
GProco, OROO
GEysymontt, OPE
JRatledge, OROG
BStout, MM

8511070544 851028
PDR XPORT
XSNM-2243 PDR

OFFICE	IPEI	IPEI	IPEI	MR IPEI			
SURNAME	BW	RNMoore	CEberhard	MRPeterson			
DATE	10/24/85	10/25/85	10/25/85	10/25/85			

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

1. APPLICANT'S USE		a. DATE OF APPLICAT. ON 22 Oct 85		b. APPLICANT'S REFERENCE NUK-464		2. NRC USE		a. DOCKET NO. 11003797		b. LICENSE NO. XSNM02243							
3. APPLICANT'S NAME AND ADDRESS						RIS											
a. NAME Transnuclear, Inc.						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) U. S. D.O.E. c/o											
b. STREET ADDRESS One North Broadway						a. NAME Goodyear Atomic Corp.											
c. CITY White Plains						STATE NY		ZIP CODE 10601		b. STREET ADDRESS Route One							
d. TELEPHONE NUMBER (Area Code - Number - Extension) ***please call 703-820-2450 upon issuance						c. CITY Piketon		STATE OH		ZIP CODE 45661							
5. FIRST SHIPMENT SCHEDULED upon issuance of license		6. FINAL SHIPMENT SCHEDULED n/a		7. APPLICANT'S CONTRACTUAL DELIVERY DATE February 1986		8. PROPOSED LICENSE EXPIRATION DATE 3 years from date of issue		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) DE-SC05-84UE07537									
10. ULTIMATE CONSIGNEE						RIS											
a. NAME Nukem, GmbH						11. ULTIMATE END USE (Include plant or facility name) Will be used as working stock for the manufacturing of fuel elements for Material Test and Research Reactors (see attached end use statement).											
b. STREET ADDRESS Rodenbacher Chaussee 6						11a. EST. DATE OF FIRST USE											
c. CITY - STATE - COUNTRY Hanau, F.R.G.						13. INTERMEDIATE END USE											
12. INTERMEDIATE CONSIGNEE						RIS											
a. NAME						13a. EST. DATE OF FIRST USE											
b. STREET ADDRESS						15. INTERMEDIATE END USE											
c. CITY - STATE - COUNTRY						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 93.3 w/o maximum				6.000		EXPORT IMPORT INTL SAFEGUARDS		85 OCT 22 AM 1:17		RECEIVED U.S.N.R.C. Kgs					
22. COUNTRY OF ORIGIN - SOURCE MATERIAL Unknown						23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED U.S.A.						24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Euratom					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)																	
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 Barbara A. Hannett				b. TITLE Traffic Coordinator											

8510 510086



NUKEM GmbH
Rodenbacher Chaussee 6
Postfach 110080
D-6450 Hanau 11
Telefon (0 61 81) 58-0
Telex 4 184 113 nuk d
Telefax (0 61 81) 58-2727
Teletex 61 81 91 nukem d

October 11, 1985
Ha/zf

To whom it may concern

END USE STATEMENT

The undersigned certify that the following material, i.e.

maximum 6.000 kgs of uranium in the form of UF_6
maximum 93.3 w/o U-235
maximum 5.598 kg U-235

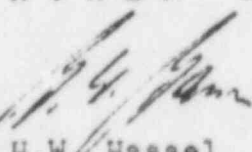
will be used by us as a working stock for the manufacturing of
fuel elements for Material Test and Research Reactors.

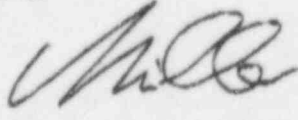
The uranium shall be used as fabrication surplus for various MTR-
Reactors in Europe such as RHF Grenoble/France, BR2 Mol/Belgium,
HFR Petten/Netherlands, R2 Studsvik/Sweden and shall not leave
NUKEM's fabrication facility at Hanau.

We shall request product delivery from the Department of Energy
for a quantity of nominal 5.985 kgs of uranium (nominal 93.15 w/o
U-235 enriched) under the Enrichment Services Contract DE-SC05-
84UE07537 in October 1985 with a delivery date February 1986.

We authorize Transnuclear Inc. Falls Church, VA. to apply for
the US-export license.

NUKEM GMBH


H.W. Hassel


H. Müller

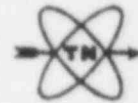
RECEIVED
U.S. N.R.C.
85 OCT 22 AM 1:17
EXPORT IMPORT
NTS SAFEGUARDS



Vorsitzender des Aufsichtsrates: Werner Rinke
Stiz: Hanau - Amtsgericht Hanau, 41 HRB 1002
Geschäftsführung: Karl-Gerhard Huckstein,
Peter Jelinek-Fink, Manfred Stephens

TRANSNUCLEAR, INC.

RECEIVED
U.S. N.R.C.



'85 OCT 22 AM 1:17

EXPORT IMPORT
INT'L SAFEGUARDS

October 22, 1985

Mr. R. Neal Moore
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Export License Application
TN ref: NUK-464

Dear Mr. Moore:

Enclosed is an export license application for your handling
on the following:

5.598 Kgs Uranium-235, contained in 6.000 kgs
Uranium, enriched to 93.3 w/o maximum.

Please call our office at (703) 820-2450 should you
have any questions.

Sincerely,

Barbara A. Hannett
Traffic Coordinator

cc: Doris Dubois/ESA

BAH/b

~~8510310081~~