

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

1. APPLICANT'S USE		a. DATE OF APPLICATION August 25, 1980		b. APPLICANT'S REFERENCE (NUK-339 80-180,01)		2. NRC USE		a. LICENSE NO. XSNR017-21		b. DOCKET NO. 11002182			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)							
a. NAME Transnuclear, Inc.						U.S.D.O.E.							
b. STREET ADDRESS One Skyline Place, 5205 Leesburg Pike						a. NAME C/O Goodyear Atomic Corp.							
c. CITY Falls Church			STATE Va.		ZIP CODE 22041		b. STREET ADDRESS Route One						
d. TELEPHONE NUMBER (Area Code - Number - Extension) (703) 820-2450						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)					
				To be determined		one year from date of issuance		To be assigned					
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)							
a. NAME FRM - Reaktorstation Garching						Will be used as fuel in FRM Reactor at Garching Federal Republic of Germany (see attached End Use Statement)							
b. STREET ADDRESS Fachbereich Physik der Technischen Universität													
c. CITY - STATE - COUNTRY Munchn 8046, Garching, den Lichtenbergstrabe, W. Germany						11a. EST. DATE OF FIRST USE							
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE							
a. NAME Nukern, GmbH						Conversion and fabrication of 10 prototype elements (see attached End Use Statement)							
b. STREET ADDRESS D-6450 Hanau													
c. CITY - STATE - COUNTRY Federal Republic of Germany						13a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE							
a. NAME Transnuklear, GmbH						Intermediate for transport purposes only							
b. STREET ADDRESS Wolfgang-bei-Hanau Industriegelände D-645 Hanau, Postfach 110030, /													
c. CITY - STATE - COUNTRY Hessen, West Germany						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 45.4 percent U235				7.508 Kg U		45.4		3.409 Kg U		Kg	
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED U. S.				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) EURATOM					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)													
8009110502													
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 Assistant Manager Washington Operations				

FRM  
REAKTORSTATION GARCHING

Fachbereich Physik  
der Technischen Universität München

30.80/01  
8046 Garching, den 25.7.1980/st  
Lichtenbergstraße

Fernschreiber: tumue 05-22854  
Fernruf: Vermittlung 089-32091  
Sachbearbeiter: Dr. Alz  
Durchwahl: 3209/ 2116

End - use - statement

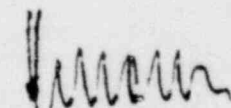
The undersigned certify that the quantity of  
7,508 kgs of uranium (45,4 % U-235 enriched)  
in form of UF 6 and containing  
3,409 kgs of U-235

which will be furnished to us under a short-term fixed-commitment contract with US-DOE will be used for the manufacturing of fuel-elements for the reactor FRM at Garching near Munich, Federal Republik of Germany.

Conversion of the UF 6 and manufacture from the fuel-elements will be done by Nukem GmbH, D 6450 Hanau, Federal Republik of Germany.

We authorize transnuclear inc. Falls Church, Virginia/USA to apply for the export license.

Garching, July 25. 1980



Dr. G. Alzmann  
Akad. Direktor

INTERNATIONAL  
EXPORT/IMPORT  
CONTROL

25 JUL 26 1980

SECRET