

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-328 80-033/01		2. NRC USE		a. LICENSE NO. XSNM01680		b. DOCKET NO. 11002052		
3. APPLICANT'S NAME AND ADDRESS a. NAME Transnuclear, Inc. b. STREET ADDRESS One Skyline Place, 5205 Leesburg Pike c. CITY Falls Church STATE VA ZIP CODE 22041 d. TELEPHONE NUMBER (Area Code - Number - Extension) 703-820-2450						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) RIS U.S.D.O.E. a. NAME c/o Goodyear Atomic Corp. b. STREET ADDRESS Route One 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 CONTACT NO. (If Known)				
as soon as license issued				To be determined		One year from date of issuance		none assigned to date				
10. ULTIMATE CONSIGNEE a. NAME KFA-Kernforsh ungsanlage Juelich GmbH b. STREET ADDRESS Gesellschaft mit Geschrankter Haftung c. CITY - STATE - COUNTRY Postfach 3640, 7500 Karlsruhe 1, F.R.G.						11. ULTIMATE END USE (Include plant or facility name) -3.0 Kg U at 93.3 percent U235 will be used for the manufacture of irradiation-test-samples in the frame of "Phase II of the Project HBK, in irradiation experiments (Project High 11a. EST. DATE OF FIRST USE (continued Page 2)						
12. INTERMEDIATE CONSIGNEE a. NAME Nukem, GmbH, D-6450, Hanau, Fed. Rep. of Germany b. STREET ADDRESS and Hobe g mbH, D-645 Hanau, Federal c. CITY - STATE - COUNTRY Republic of Germany						13. INTERMEDIATE END USE Nukem, GmbH, Federal Republic of Germany shall perform the conversion of 3.0 Kg U at 93.3 percent U235 and Hobeg GmbH, Federal Republic of Germany shall perform the manufacturing of the irradiation-test-samples 13a. EST. DATE OF FIRST USE (3.0 Kg U)						
14. INTERMEDIATE CONSIGNEE a. NAME Transnuklear, GmbH b. STREET ADDRESS 645 Hanau, Postfach 110030 Wolfgang-bei-Hanau Industriegelände c. CITY - STATE - COUNTRY Hessen, West Germany						15. INTERMEDIATE END USE Intermediate for transport purposes only 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 a maximum of 93.3 percent.				3.0 Kg U		93.3%		2.799 Kg U235		Kgs
22. COUNTRY OF ORIGIN - SOURCE MATERIAL			23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED			24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)						
			U. S.			EURATOM						
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)						8005210646						
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 Asst. Mgr., Wash. Oper.				



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#11. ULTIMATE END USE (cont.)

Temperature Reactor Fuel Cycle)". These irradiation test samples will be inserted into the following reactors:

- BR-2, Mol, Belgium
- HFR, Petten Netherlands
- R-2, Studsvik, Sweden
- FRJ-2, Julich, West Germany
- Siloe, Grenoble, France

(See attached End Use Statement)

EXPORT REPORT
7-10
GENERAL SFGRDS

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To whom it may concern

End-Use-Statement

The undersigners certify that the quantity of

3 kgs of uranium (93,3 per cent U-235 enriched) in form of UF₆ and containing 2.799 kgs of U-235 which will be furnished to us under a Short-Term, Fixed-Commitment Contract with US-DOE shall be used for the manufacture of irradiation-test-samples in the frame of "Phase II of the Project HBK in irradiation experiments (Project High Temperature Reactor Fuel Cycle)".

These irradiation-test-samples shall be inserted into the following reactors:

- ER-2 at Mol, Belgium,
- HFR at Petten, Netherlands,
- R-2 at Studsvik, Sweden,
- FRJ-2 at Jülich, Germany,
- Siloe at Grenoble, France.

NUKEM GmbH, D-6450 Hanau, Federal Republic of Germany shall perform the conversion work of the 3 kgs of u (93,3 % U-235). Manufacturing of the irradiation-test-samples shall be performed by HOEG mbH, D-6450 Hanau, Federal Republic of Germany.

We authorize Transnuclear Inc., Falls Church, Virginia/USA to apply for the export license.

Jülich, April 2, 1980.

Kernforschungsanlage Jülich
 Gesellschaft mit beschränkter Haftung

Heru Gaus

(Dr. Theenhaus)

i.V. Kühne

(Kühne)

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