

**PDR**  
APPROVED BY GAO  
R 10-2518-332

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

1. APPLICANT'S NRC USE		a. DATE OF APPLICATION 17 August 82		b. APPLICANT'S REFERENCE RBU-411		2. NRC USE		a. DOCKET NO. -11002936		b. LICENSE NO. XSNM 01982		
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 RIS U.S.D.O.E. c/o Goodyear Atomic Corp., Route One, Piketon, OH or Union Carbide Corp., K-25 Plant, Oak Ridge, TN a. NAME b. STREET ADDRESS c. CITY STATE ZIP CODE						
5. FIRST SHIPMENT SCHEDULED May 1983		6. FINAL SHIPMENT SCHEDULED --		7. APPLICANT'S CONTRACTUAL DELIVERY DATE same as item 5		8. PROPOSED LICENSE EXPIRATION DATE 3 years from date of issuance		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (if known) AT(49-14)UES/EU/20				
10. ULTIMATE CONSIGNEE a. NAME Kernkraftwerk Brunbuettel, GmbH b. STREET ADDRESS Land Schleswig/Holstein c. CITY - STATE - COUNTRY Federal Republic of Germany						11. ULTIMATE END USE (Include plant or facility name) Will be used for conversion and manufacture of fuel elements for Reaktor Kernkraftwerk Brunbuettel (see attached End Use Statement) 11a. EST. DATE OF FIRST USE						
12. INTERMEDIATE CONSIGNEE a. NAME Reaktor Brennelement Union, GmbH b. STREET ADDRESS P.O. Box 110060, D-4650 c. CITY - STATE - COUNTRY Hanau II, West Germany						13. INTERMEDIATE END USE For fabrication of fuel elements (see attached End Use Statement) 13a. EST. DATE OF FIRST USE 1982 AUG 17 PM 1 20						
14. INTERMEDIATE CONSIGNEE a. NAME Ledoux and Company b. STREET ADDRESS 359 Alfred Avenue c. CITY - STATE - COUNTRY Teaneck, New Jersey, U.S.A.						15. INTERMEDIATE END USE Shipper of record for sample quantity 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 3.80 percent U-235  8209010175 820818 PDR XPORT XSNM-1982 PDR				150,000.00 Kgs U  5.0 Kgs U (sample)		3.80  3.80		4,245.000 Kgs U-235  0.190 Kgs U-235 (sample)		Kgs  Kgs.
22. COUNTRY OF ORIGIN - SOURCE MATERIAL				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)  See XSNM 01393												
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 S. Bennett				b. TITLE Traffic Coordinator						

To whom it may concern  
'end use-statement'

With reference to the AGREEMENT FOR FURNISHING URANIUM ENRICHMENT SERVICES UNDER THE AGREEMENT FOR COOPERATION (Requirements) signed 9<sup>th</sup> day of February, 1971 by and between the UNITED STATES OF AMERICA as represented by the UNITED STATES ATOMIC ENERGY COMMISSION, and the EUROPEAN ATOMIC ENERGY COMMUNITY, as represented by its SUPPLY AGENCY, we hereby certify that the quantities of enriched uranium-hexafluorid

under contract AT (49-14) UES/EU/20  
will be used for the conversion of  $UF_6$  to  $UO_2$  and manufacture of fuel elements

of our reactor Kernkraftwerk Brunsbüttel  
as follows :

year of delivery of product	annual quantity uranium U in $UF_6$	max.enrichment	quantity uranium U-235
1983 through 1987	up to 30,000 kgs U	up to 3,8 w/o enriched	849 kgs U-235

Please note that the above mentioned annual quantity of uranium U-235 is calculated at an averaged enrichment of 2,83 w/o U-235.

We also hereby certify Transnuclear Inc., Falls Church/Va. as our agent in their application to transport and export special nuclear material to our company.

Please note that Ledoux & Company, New Jersey, should be listed as shipper of record on Transnuclear Inc's license to export only for the sample quantities of 5,0kgs U containing 0,190 kgs U-235 enriched to a maximum 3,8 percent.

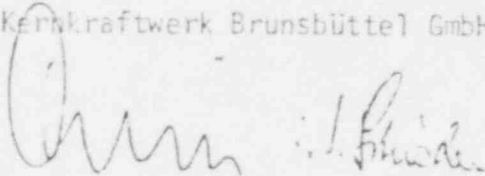
Further note, that the intermediate consignee for the enriched  $UF_6$  will be

RBU Reaktor Brennelement Union GmbH  
P.O.Box 110060  
D-6450 Hanau 11/West Germany.

In the case of changes of the transport company or the company as shipper of samples, or the converter of  $UF_6$  to  $UO_2$ , or the facility for fabricating fuel elements, we will amend this end use statement and notify about the changed company or facility.

Hamburg, July 27, 1982

Kernkraftwerk Brunsbüttel GmbH

 *[Handwritten signature]*