

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

1. APPLICANT'S USE		a. DATE OF APPLICATION Oct 1, 1980		b. APPLICANT'S REFERENCE RBU 348 80-205/01		2. NRC USE		a. LICENSE NO. XSNNM01744		b. DOCKET NO. 11002229	
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						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) RIS U.S.D.O.E. c/o Union Carbide Corp. Oak Ridge or Goodyear Atomic Corp., Piketon, Ohio b. STREET ADDRESS c. CITY STATE ZIP CODE					
5. FIRST SHIPMENT SCHEDULED May 1981		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE See attached End Use Statement		8. PROPOSED LICENSE EXPIRATION DATE May 1982		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known) UES/EU/41			
10. ULTIMATE CONSIGNEE a. NAME NWK-Nordwestdeutsche Kraftwerk Aktiengesellschaft b. STREET ADDRESS Schone Aussicht 14, Postfach 7621 60/80 c. CITY - STATE - COUNTRY 2000 Hamburg 76, Federal Republic of Germany						11. ULTIMATE END USE (Include plant or facility name) Will be used for the conversion of UF6 to UO2 and the manufacture of fuel elements for the reactor Stade (see attached End Use Statement) 11a. EST. DATE OF FIRST USE					
12. INTERMEDIATE CONSIGNEE a. NAME RBU-Reaktor Brennelement Union GmbH b. STREET ADDRESS 645 Hanau II Postfach 110060 c. CITY - STATE - COUNTRY West Germany						13. INTERMEDIATE END USE Conversion of UF6 to UO2 and manufacture of fuel elements 13a. EST. DATE OF FIRST USE					
14. INTERMEDIATE CONSIGNEE a. NAME Ledoux and Company b. STREET ADDRESS 359 Alfred Avenue c. CITY - STATE - COUNTRY Teaneck, N. J. 07666						15. INTERMEDIATE END USE Shipper of Record for Sample quantities 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 3.35 percent U235				15900.0 1.0 (sample)		3.35 3.35	533.0 0.0335 (sample)	Kg 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) 8010230 068 1980 OCT 2											
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 Vicki Matson			b. TITLE Assistant Mgr, Washington Coors.		

15. 10. 80  
NORDWESTDEUTSCHE KRAFTWERKE AKTIENGESELLSCHAFT

NWK

HAUPTVERWALTUNG

Reaktor-Brennelement  
Union GmbH  
Postfach 110 060  
6450 Hanau

SCHÖNE AUSSICHT 14  
POSTFACH 178 21 60 180  
2000 HAMBURG 76  
TELEFON (040) 32 89-1  
TELEX 02 11 135  
TELEGR. FIATLUX HAMBURG

Ihre Zeichen

Ihre Nachricht vom

Durchwahlnummer  
2283/ 409

Unser Zeichen  
Vg/Wr

Hamburg, den  
10.09.1980

Re: END USE STATEMENT for ENRICHED URANIUM

Gentlemen,

We hereby certify on behalf of

Kernkraftwerk Stade GmbH, 2160 Stade,

that the quantity of enriched uraniumhexafluoride as follows:

15,900 kgs U in UF<sub>6</sub>; 3,35% enriched; 533 kgs U-235

to be dispatched from US-DOE Facility in May 1981

and as also specified by Transnuclear Inc., Falls Church/Va., in their application to export special nuclear material to our company

under Contract No. AT (49-14) UES/EU/41

will be used in the RBU facilities for the conversion of UF<sub>6</sub> to UO<sub>2</sub> and for manufacture of fuel elements for our reactor

Stade

1100 OCT 2

- 2 -

Empfänger Reaktor-Brennelement Union GmbH  
Postfach 110 060, 6450 Hanau

Hamburg 76.  
10.09.1980

B. Nr.  
- 2 - Vg/1

Please note that Nuclear Audit and Testing Co (NATCO), Vienna, Va., should be listed as shipper of record on Transnuclear Inc's license to export for the additional quantity of only 1.0 kg U, containing 0.0335 kg U-235 enriched to a maximum of 3.35 percent.

Therefore, the intermediate consignee for the  $UF_6$  will be

R B U Reaktor-Brennelement Union GmbH  
P.O. Box 110 060  
D - 6450 Hanau / W.-Germany.

It is not possible to refer to the date of the Transnuclear application at this time as it will not be initiated until Transnuclear receives this document.

NORDWESTDEUTSCHE KRAFTWERKE  
AKTIENGESELLSCHAFT

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*[Handwritten signature]*

*[Handwritten signature]*

000 OCT 2 1980

RECEIVED  
AND  
FORWARDED