

THIS LICENSE EXPIRES 01 June 1981

XSNM0129

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United States of America  
Nuclear Regulatory Commission

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued

to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

LICENSEE  
NAME Transnuclear, Inc.  
ADDRESS 5205 Leesburg Pike  
Falls Church, VA 22041  
ATTN: V. Matson

ULTIMATE CONSIGNEE IN FOREIGN COUNTRY  
NAME KFA-Kernforschungsanlage Julich  
Gesellschaft mit Beschränkter Haftung  
ADDRESS Federal Republic of Germany  
(Fuel for AVR Reactor)

INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY  
NAME NUKEM GmbH  
6450 Hanau  
Federal Republic of Germany  
(Conversion)  
ADDRESS HOBEG GmbH  
D-6450 Hanau  
Federal Republic of Germany  
(Fabrication)

OTHER PARTIES TO EXPORT  
Other Intermediate Consignee:  
Transnuclear GmbH  
645 Hanau, Postfach 110030  
Wolfgang-bei-Industriegelände,  
Hessen, W. Germany  
Supplier:  
U.S. Department of Energy  
c/o Goodyear Atomic  
Piketon, Ohio

APPLICANT'S REF. NO. NUK 217 UES/EU/78-083/01

COUNTRY OF ULTIMATE DESTINATION West Germany

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
21.513	kilograms Uranium-235 Contained in 23.058 kilograms uranium, as uranium hexafluoride (UF <sub>6</sub> ), enriched to 93.3 w/o maximum. Conditions 6, 8, and 9 on page two of this license apply to this export.

THIS DOCUMENT CONTAINS  
HIGH QUALITY PAGES

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW  
BY AUTHORIZED NRC REPRESENTATIVE  
*J. Shea*  
James R. Shea, Director  
Office of International Programs  
DATE OF ISSUANCE MAY 15 1980

U.S. NUCLEAR REGULATORY COMMISSION  
EXPORT LICENSE

## Conditions

License Number XSNM01294

**Condition 1** — Licensee shall file with the Customs Officer or the Postmaster two copies, in addition to those otherwise required, of the Shipper's Export Declaration covering each export and mark one of such copies for transmittal to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. The following declaration should accompany or be placed on the Shipper's Export Declarations for such exports:

"This shipment is being made pursuant to specific license number (**specific license number**) filed at (**location of Customs office where license is filed**), on (**date license was filed**). This license expires on (**expiration date of license**), and the unshipped balance remaining on this license is sufficient to cover the shipment described on this declaration."

**Condition 2** — Exports authorized in any country or destination, except Country Groups Q, S, W, X, Y, and Z in Part 370, Supplement No. 1, of the Comprehensive Export Schedule of the U.S. Department of Commerce.

**Condition 3** — This license covers only the nuclear content of the material.

**Condition 4** — The material to be exported under this license shall be shipped in accordance with the physical protection requirements for special nuclear material in 10 CFR 73.

**Condition 5** — Special nuclear material authorized for export under this license shall not be transported outside the United States in passenger carrying aircraft in shipments exceeding (1) 20 grams or 20 curies, whichever is less, of plutonium or uranium 233, or (2) 350 grams of uranium 235.

**Condition 6** — This license authorizes export only and does not authorize the receipt, physical possession, or use of the nuclear material.

**Condition 7** — The licensee shall complete and submit an NRC Form 741 for each shipment of source material exported under this license.

**Condition 8** — The licensee shall advise the NRC in the event there is any change in the designation of the company who will package the nuclear material to be exported under this license, or any change in the location of the packaging operation, at least three weeks prior to the scheduled date of export.

**Condition 9** — The material to be exported under this license shall be protected in transit, while within U.S. jurisdiction, in accordance with the requirements of 10 CFR 73 and the licensee's approved security plan.