

NRC FORM 250

(6-84)

NRC LICENSE NO.

THIS LICENSE EXPIRES 31 December 2003**United States of America****Nuclear Regulatory Commission**

XSNM02611

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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

Transnuclear, Inc.  
4 Skyline Drive  
Hawthorne, NY 10532

Att: J. McLaughlin

## ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

EURATOM - Joint Research Center  
Petten Establishment - P.O. Box 2  
1755 ZG Petten, The Netherlands

(To be used as fuel in the HFR Reactor)

## INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

1. CERCA  
Romans-sur-Isere, France  
(Conversion and Fabrication of fuel elements)
2. Transnucleaire, S.A.  
9-11 Rue Christophe Colomb  
75008 Paris, France  
(Transport Purposes Only)

## OTHER PARTIES TO EXPORT

1. U.S. Department of Energy  
c/o Lockheed Martin Energy Systems, Inc.  
Y-12 Plant  
Oak Ridge, TN 37830  
(Supplier)
2. Nuclear Fuel Services  
1205 Banner Hill Road  
Erwin, TN 37650  
(Repackage Material for Export)

## APPLICANT'S REF. NO.

TNY:544

## COUNTRY OF ULTIMATE DESTINATION

The Netherlands

## QUANTITY

125.37  
kilograms

## DESCRIPTION OF MATERIALS OR FACILITIES

Uranium-235 Contained in 134.153 kilograms uranium enriched to 93.45 w/o maximum, in the form of metal. The total quantity authorized for export in any given calendar year shall not exceed 37.875 kilograms uranium. The exports are authorized for calendar years 2000, 2001, 2002 and 2003.

Conditions 6 and 8 on page two and Condition 9 on page three of this license apply to this export.

////////////////////END////////////////////////////////////

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

*Ronald D. Hauber*  
Ronald D. Hauber, Deputy Director  
Office of International Programs

DATE OF ISSUANCE August 25, 2000

U.S. NUCLEAR REGULATORY COMMISSION  
EXPORT LICENSELicense Number XSNM02611**Conditions**

- 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, DC 20555-0001. 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 either be protected in transit, while within U.S. jurisdiction, in accordance with the requirements of 10 CFR Part 73 and the licensee’s approved security plan or shall be protected in transit, while within U.S. jurisdiction, by the Department of Energy (DOE) Safe Secure Transport (SST) system in accordance with the DOE requirements and directives for the transport of such material.”**