NRC FORM 250
(10-07)

UNITED STATES OF AMERICA

Nuclear Regulatory Commission
Washington, D.C. 20555

NRC LICENSE NO.: XSNM3665

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NRC DOCKET NO.: 11005900

LICENSE EXPIRES June 30, 2013

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	ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)
Transnuclear, Inc. 7135 Minstrel Way, Suite 300 Columbia, MD 21045 Attn: Catherine Shelton	See Page 3 (For use as fuel in the Japan Material Testing Reactor [JMTR] and the Japan Research Reactor [JRR-3])
INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)	**OTHER U.S. PARTY(IES) TO EXPORT**
CERCA Usine des Berauds 26104 Romans sur Isere France (Fuel Fabrication)	U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831 (Supplier)
APPLICANT'S REFERENCE NO.	ULTIMATE DESTINATION: Japan

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
23.4 Kilograms	Uranium-235 Contained in 117.0 kilograms uranium, enriched to 19.97 w/o maximum, exported in two batches of uranium metal, one of 94.0 kilograms, one of 23.0 kilograms, in solid form. Conditions 6 and 8 on Page 2 of this license apply to this export.

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

SIGNATURE:

NAME AND TITLE: Nader L. Mamish, Acting Deputy Director
Office of International Programs

DATE OF ISSUANCE: May 3, 2011

U.S. NUCLEAR REGULATORY COMMISSION
EXPORT LICENSE

LICENSE NUMBER: XSNM3665

Conditions

Condition 1 -- Licensee shall file with the Customs Officer or the Postmaster two (2) copies, in addition to those otherwise required, of the Shipper's Export Declaration covering each export and mark one (1) of such copies for transmittal to the U.S. Nuclear Regulatory Commission, Washington, D.C. 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 expired 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 (3) weeks prior to the scheduled date of export.

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)

1. Japan Atomic Energy Agency (JAEA)
   Oarai Research and Development Center
   Narita-cho 4002, Oarai-machi
   Higashi Ibaraki-gun
   Ibaraki-ken, 311-1393
   Japan

   (For use as fuel in the Japan Material Testing Reactor [JMTR])

2. Japan Atomic Energy Agency (JAEA)
   Nuclear Science Research Institute
   Tokai Research and Development Center
   Tokai-mura, Naka-gun
   Ibaraki-ken, 319-1195
   Japan

   (For use as fuel in the Japan Research Reactor [JRR-3])

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