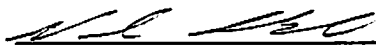


**EXPORT LICENSE**

NRC FORM 250 (10-07)		NRC LICENSE NO.: XSNM3643  Page 1 of 4  NRC DOCKET NO.: 11005864  LICENSE EXPIRES May 1, 2016	
<b>UNITED STATES OF AMERICA</b> Nuclear Regulatory Commission Washington, D.C. 20555			
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.			
<b>LICENSEE</b>  Transnuclear, Inc. 7135 Minstrel Way, Suite 300 Columbia, MD 21045  Attn: Catherine Shelton		<b>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b>  Nuclear Energy Corporation of South Africa (NECSA) 2 Church Street, West Extension, Building P2700 Pelindaba, Pretoria North West 0001 South Africa  (For use as fuel and targets in the SAFARI-1 Research Reactor)	
<b>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b>  Company for the Study of Atomic Fuel Creation (CERCA) Zone industrielle des Berauds 26104 Romans sur Isere France  (Fuel and target fabrication)		<b>OTHER U.S. PARTY(IES) TO EXPORT</b>  See Page 4  (Supplier; DOE/NNSA Contractor; Transporter)	
<b>APPLICANT'S REFERENCE NO.</b> Appl. Dated 02/28/2011		<b>ULTIMATE DESTINATION:</b> South Africa	
<b>QUANTITY</b>  195.0 Kilograms	<b>DESCRIPTION OF MATERIALS OR FACILITIES</b>  Uranium-235 Contained in 975.0 kilograms uranium enriched to 19.95 w/o maximum, in solid form.  Conditions 6, 8, 9, 10, and 11 on Pages 2 and 3 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  <b>SIGNATURE:</b>  <b>NAME AND TITLE:</b> Nader L. Mamish, Acting Deputy Director Office of International Programs  <b>DATE OF ISSUANCE:</b> May 13, 2011	

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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.

**Condition 9 --** [REDACTED]

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Conditions (Cont'd)

Condition 10 --



Condition 11 --



