

NRC FORM 7 (8-2007) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 06/30/2009	
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL				Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submittal is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0027), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.			
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED MAR 03 2011			
LICENSE NUMBER XSNM 3643		DOCKET NUMBER 11005864		ADAMS ACCESSION NUMBER ML110700115			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)							
1. NAME AND ADDRESS OF APPLICANT/LICENSEE Transnuclear Inc. 7135 Minstrel Way, Suite 300 Columbia, MD 21045			1a. NAME OF APPLICANT'S CONTACT Catherine Shelton		1b. APPLICANT'S REFERENCE NUMBER		
			1c. PHONE NUMBER (410) 910-6952		1d. FAX NUMBER (410) 910-6959		
			1e. E-MAIL ADDRESS catherine.shelton@transnuclear.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____							
3. CONTRACT NUMBER(S) DE-SC55-10NA29791		4. FIRST SHIPMENT DATE 04/01/2011		5. LAST SHIPMENT DATE 12/31/2015		6. PROPOSED EXPIRATION DATE 05/01/2016	
PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)							
7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT US Department of Energy National Nuclear Security Administration (NNSA) -Y12 National Security complex 301 Bear Creek Road Oak Ridge, TN 37831 USA (Supplier)			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) AREVA CERCA Zone industrielle des Berauds 26104 Romans sur Isere France			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) NECSA (Nuclear Energy Corporation of South Africa) 2 Church Street, West Extension; Building P2700; Pelindaba; PRETORIA North West 0001 SOUTH AFRICA	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Uranium Supply			8a. INTERMEDIATE USE(S) Fuel Fabrication			9a. ULTIMATE END USE(S) Research/Isotope Supply	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Uranium: one batch of 180+/- 0.5 kg U total and four batches of 198 +/- 0.5 kg U total each enriched to 19.95% w/o maximum in solid form.				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 975 kg of Uranium		10b. MAX ENRICHMENT OR WGT % 19.95% or less	10c. MAX ISOTOPE WGT (KG) 195 kg or less U-235
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							
MAR 03 2011							

Revised to replace original application dated May 3, 2010.

NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

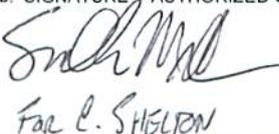
APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER XSNM3643	DOCKET NUMBER 11005864	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
-----------------------------------	----------------------------------	------------------------	---

PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS
(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)	
	13b. INTERMEDIATE USE(S)	14b. ULTIMATE END USE(S)	
15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES	15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)	15b. MAX ENRICHMENT OR WGT %	15c. MAX ISOTOPE WGT (KG)
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			

PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.		
18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Catherine Shelton Director, Transportation Logistics	18b. SIGNATURE, AUTHORIZED OFFICIAL  Catherine Shelton	18c. DATE 2/28/11

MAR 03 2011

Rec'd
JC

NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)

LICENSE NUMBER XSNM3643	DOCKET NUMBER 11005864	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
-----------------------------------	----------------------------------	------------------------	---

ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Section 7:

B & W Y-12 LLC
Y-12 National Security Complex
301 Bear Creek Road
Oak Ridge, TN 37831
(DOE/NNSA Contractor)

AREVA TN International
(Transport supplier)

Section 10:

Delivery of one batch per year. The Uranium will be used in the Research Reactor SAFARI-1, Building 2500 Manufacturing Facility, and the NTP – Radioisotope Production Facility in South Africa under the form of fuel elements and fuel targets.

MAR 03 2011

Rec'd
JC



March 1, 2011

US Nuclear Regulatory Commission
Mailstop O4-E21
11555 Rockville Pike
Rockville, MD 20852

Attention of Deputy Director Office of International Programs:

Please find the attached request for revision of an export license related to low enriched uranium to be shipped from the US Department of Energy site of Oak Ridge, TN. The fee of \$12,700 is also enclosed.

We remain at your disposal for any information you may require.

Sincerely

A handwritten signature in black ink, appearing to read 'S. Miller', is written over the word 'Sincerely'.

Samuel Miller
Transportation Manager for

Catherine Shelton
Director Transportation Logistics

Electronic Copy:
Janice Owens
Lauren Mayros

Attachments:
1 form NRC 7
1 check (\$12,700.00 - check #175314)

XSNM 3643

Rec'd
MAR 03 2011
JC

TRANSNUCLEAR INC.

7135 Minstrel Way • Suite 300 • Columbia, MD 21045
Tel: 410-910-6900 • Fax: 410-910-6902
www.transnuclear.com