


NRC FORM 7 <small>(11-2012) 10 CFR 110</small>		 U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3160-0027		EXPIRES: (11/30/2015)	
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) <i>(See Instructions on Pages 4 and 5)</i>				<small>Estimated burden per response to comply with this mandatory collection request 24 hours. This submission is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the Information Services Branch (7-5153), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0011 or by internet e-mail to InfoEffects.Resource@nrc.gov and to the Desk Officer, Office of Information and Regulatory Affairs, NECB 10207 (2150-0027), Office of Management and Budget, Washington, DC 20503 if a means used to ensure 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.</small>			
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED MAR 18 2015			
LICENSE NUMBER XSNM3762		DOCKET NUMBER 11006192		ADAMS ACCESSION NUMBER ML15077A234			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>							
1 NAME AND ADDRESS OF APPLICANT/LICENSEE U. S. Department of Energy Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831			1a NAME OF APPLICANT'S CONTACT Becky G. Eddy		1b APPLICANT'S REFERENCE NUMBER ICENS-LEU-15		
			1c PHONE NUMBER (865) 576-4119		1d FAX NUMBER (865) 574-0492		
			1e E-MAIL ADDRESS becky.eddy@nps.doe.gov				
2 TYPE OF ACTION REQUESTED (Check One)							
<input checked="" type="checkbox"/> EXPORT <small>(Parts B, C, L)</small>		<input type="checkbox"/> IMPORT <small>(Parts B, D, E)</small>		<input type="checkbox"/> AMENDMENT/RENEWAL <small>Current License Number.</small>		<input type="checkbox"/> CONSENT REQUEST <small>(Parts B, C) Current License Number</small>	
3 CONTRACT NUMBER(S) Project Supply Agreement		4 FIRST SHIPMENT DATE 07/01/2015		5 LAST SHIPMENT DATE 03/31/2016		6 PROPOSED EXPIRATION DATE 12/31/2016	
PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS <small>(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)</small>							
7 NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT Department of Energy (DOE) National Nuclear Security Administration (NNSA) Y-12 National Security Complex (NSC) 301 Bear Creek Road Oak Ridge, TN 37831			8 NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) None		9 NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) International Centre for Environmental & Nuclear Sciences (ICENS) University of the West Indies Mona Campus Kingston 7, Jamaica		
7a FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Supplier			8a INTERMEDIATE USE(S) None		9a ULTIMATE END USE(S) Fuel for Slowpoke-2 Research Reactor		
10 DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT				10a MAX TOTAL VOLUME, ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)		10b MAX ENRICHMENT OR WGT %	10c MAX ISOTOPE WGT (KG)
a. 1.32 kilograms U-235 contained in a maximum of 6.62 kilograms uranium, enriched to a maximum of 19.95 weight %, in the form of uranium dioxide fuel and zircalloy-4 cladding (a maximum of 225 fuel pins).				6.62 kgU		19.95%	1.32 kgU-235
b. Two fuel cages manufactured with zircalloy-4 (one is for loading the fuel core and one is a spare).							
11 FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) 100% US Obligation							

NRC FORM 7
(11-2012)
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

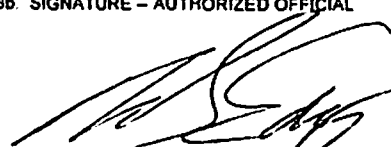
APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

LICENSE NUMBER XSNM3702	DOCKET NUMBER 11006192	ADAMS ACCESSION NUMBER ML15077A236	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
-----------------------------------	----------------------------------	--	---

PART D. TO BE COMPLETED FOR IMPORT 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 U S 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	15d. 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, RENEWALS OR CONSENT REQUEST(S)

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 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 Becky G. Eddy DOE NNSA Production Office Y-12, Program Manager	18b. SIGNATURE - AUTHORIZED OFFICIAL 	18c. DATE 02/25/2015

EF Rec'd
MAR 18 2015

NRC FORM 7
(11-2012)
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

LICENSE NUMBER XSNM3762	DOCKET NUMBER 11006192	ADAMS ACCESSION NUMBER ML12071A236	<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)

Page 1, Part B, Contract Number

3. This supply has been authorized by an IAEA Project Supply Agreement (PSA) between the United States and Jamaica.
4. & 5: First and last ship dates are not the actual ship dates, but bound the delivery time frames in the project schedule.

Page 1, Part C, Other Parties to the Export

7. Consolidated Nuclear Security (CNS), LLC
301 Bear Creek Road
Oak Ridge, TN 37931

7a. DOE/NNSA Contractor for Supply

7. Secure Transportation Services (STS)
460 Silverberry Lane
Sugar Hill, GA 30518 USA

7a. U.S. Agent for Transportation

Page 1, Part C, Ultimate End Use

9a. The fuel pins and zircalloy-4 cages will be used to load one reactor core for converting the Slowpoke-2 Research Reactor at the International Centre for Environmental and Nuclear Studies (ICENS) from HEU to LEU. ICENS is located at the University of West Indies in Kingston, Jamaica.



U.S. Department of Energy
NNSA Production Office
Post Office Box 2050
Oak Ridge, Tennessee 37831-8009



Mark Shaffer, Deputy Director
Office of International Programs
U. S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852-2738

Dear Mr. Shaffer:

EXPORT LICENSE APPLICATION FOR THE DEPARTMENT OF ENERGY NATIONAL NUCLEAR SECURITY ADMINISTRATION SHIPMENT OF ENRICHED URANIUM AND ZIRCALLOY-4 TO INTERNATIONAL CENTRE FOR ENVIRONMENTAL AND NUCLEAR SCIENCES

Enclosed is a Department of Energy (DOE), National Nuclear Security Administration (NNSA), application to export fuel pins containing uranium dioxide fuel meat and zircalloy-4 cladding, and fuel cages manufactured with zircalloy-4, to the International Centre for Environmental and Nuclear Sciences (ICENS), located at the University of West Indies in Kingston, Jamaica (Enclosure 1). The fuel pins and zircalloy-4 cages will be used to load fuel in the SLOWPOKE-2 research reactor.

The export license application (NRC Form 7) has been determined to be unclassified, non-sensitive and can be made available to the public.

An Interagency Agreement, DE-NA0002451, between NNSA and the Nuclear Regulatory Agency (NRC) is in place for NRC services and fees, and sufficient funds are available for processing this application. Please reference this Interagency Agreement number on the invoice for this export license.

If you have any questions or require additional information, please contact me at (865) 576-4119 or becky.eddy@npo.doe.gov.

Sincerely,

Becky G. Eddy
Program Manager
NNSA Production Office

Enclosure:
NRC Form 7 (ICENS-LEU15)

cc w/enclosure:
B. Wilhoit, 301BCR, MS 8112, CNS, Y-12

APPROVED FOR PUBLIC RELEASE	
This document has been approved for release to the public by:	
<i>[Signature]</i> SWY A. HAWKS	2-25-15
NPS Y-12 Site Office Classification Officer	Date