


NRC FORM 7 (02-2016) 10 CFR 110		 U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 11/30/2018	
<p align="center">APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (See Instructions on Pages 4 and 5)</p>							
PART A. FOR NRC USE ONLY			<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC			DATE RECEIVED JUN 03 2016 SF	
LICENSE NUMBER XSNM3771			DOCKET NUMBER 11006235			ADAMS ACCESSION NUMBER	
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS (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 Edlow International Company as Agent for SCK-CEN STUDIECENTRUM VOOR KERNENERGIE 1666 Connecticut Avenue, NW Suite 201 Washington, DC 20009			1a. NAME OF APPLICANT'S CONTACT Marilena Conde		1b. APPLICANT'S REFERENCE NUMBER EIC 041216		
			1c. PHONE NUMBER (202) 483-4959		1d. FAX NUMBER (202) 483-4840		
			1e. E-MAIL ADDRESS mconde@edlow.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input type="checkbox"/> AMENDMENT/RENEWAL Current License Number:		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S) NNSA-SC16-Y12-1217		4. FIRST SHIPMENT DATE March 1, 2017		5. LAST SHIPMENT DATE December 31, 2026		6. PROPOSED EXPIRATION DATE December 31, 2027	
PART C. TO BE COMPLETED FOR EXPORT 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 U.S. Department of Energy National Nuclear Security Administration (NNSA) CNS Consolidated Nuclear Security, llc Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831 * See Page 3			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) None		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) SCK CEN STUDIECENTRUM VOOR KERNENERGIE BR2 Reactor Boeretang 200 B-2400 Mol Belgium		
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Supplier			8a. INTERMEDIATE USE(S) N/A		9a. ULTIMATE END USE(S) Reactor Fuel Reload		
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT 134.208 kg U-235 (for 325 BR2 Reactor standard HEU driver fuel elements)				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 144.0 kg U		10b. MAX ENRICHMENT OR WGT % 93.20 wt %	10c. MAX ISOTOPE WGT (KG) 134.208 kg U-235
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) 100% US Obligated Material							

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LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)**

LICENSE NUMBER X5NM3771	DOCKET NUMBER 11006235	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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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) (if applicable)	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, 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
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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 Marilena Conde Vice President, Marketing & Administration	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 5/13/2016
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Page 1, Block 4: Reflects actual shipment date.

Page 1, Block 5: Time frame indicated for shipment is to allow for fuel fabrication in support of Belgian Reactor No. 2 (BR2) inventory and operational requirements. Conversion of the BR2 Reactor to LEU is currently projected in CY 2026.

Page 1, Block 7 and 7a: Other Parties to the Export:
BWXT NOG Technologies, Inc.
BWXT Nuclear Operations Group
2016 Mt. Athos Road
Lynchburg, VA 24504
(Intermediate Consignee and Fuel Fabrication in U.S.A.)

Page 1, Block 7 and 7a: Other Parties to the Export:
Edlow International Company
1666 Connecticut Avenue, NW
Suite 201
Washington, DC 20009
(Transporter)



Edlow International Company
1666 Connecticut Ave., N.W., Suite 201
Washington, D.C. 20009 U.S.A.
Tel (202) 483-4959
Fax (202) 483-4840
FMC License No. 019368F

May 18, 2016

Ms. Andrea Ferkile
Licensing Officer
U.S. Nuclear Regulatory Commission
Office of International Programs
Export Controls & Nonproliferation Branch
11555 Rockville Pike
Rockville, MD 20852-2738

Ref: License Application

Dear Ms. Ferkile,

Enclosed please find an export license application for SCK CEN, STUDIECENTRUM VOR KERNENERGIE, as well as a check for the application fee.

The plan is for the amount of fuel requested in this license application to be shipped in increments of up to 5 kg per shipment over a period of 6 years. The fuel will be in the form of fuel elements with a neutron absorber. This will allow for fuel fabrication in support of the Belgian Reactor No. 2's inventory and operation requirements until the conversion of the reactor to LEU fuel which is currently planned in CY 2026.

The fuel elements will be transported in the ATR FFSC cask which is undergoing review for validation for air shipments by the NRC in compliance with DOT and DOE.

We kindly request that this license application be processed so that we can fulfill the planned shipments, starting within the first quarter of 2017 for delivery in Belgium.



We thank you in advance for all your consideration.

Respectfully submitted,

A handwritten signature in blue ink that reads "Marilena Conde". The signature is written in a cursive, flowing style.

Marilena Conde

Vice President

Marketing and Administration

Enclosures