

<b>NRC FORM 7</b> (8-2007) 10 CFR 110	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	APPROVED BY OMB: NO. 3150-0027 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 <a href="mailto:infocollect@nrc.gov">infocollect@nrc.gov</a> , 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.	EXPIRES: 06/30/2009
<b>APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL</b> (See Instructions on Page 5)			

<b>PART A. FOR NRC USE ONLY</b>	PUBLIC OR <input type="checkbox"/> NONPUBLIC	DATE RECEIVED <b>4/23/08</b>
LICENSE NUMBER <b>XSNM03357/01</b>	EXPORT NUMBER <b>11005494</b>	AGENCY ACCESSION NUMBER

**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.)

<b>1. NAME AND ADDRESS OF APPLICANT/LICENSEE</b>  <b>Edlow International Corporation</b> <b>as agent for KAERI</b> <b>1666 Connecticut Ave. NW #201</b> <b>Washington, D.C. 20009</b>	<b>1a. NAME OF APPLICANT'S CONTACT</b> <b>Marilena Conde</b>	<b>1b. APPLICANT'S REFERENCE NUMBER</b> <b>KAERI-828</b>	<b>1c. PHONE NUMBER</b> <b>(202) 483-4959</b>	<b>1d. FAX NUMBER</b> <b>(202) 483-4840</b>
		<b>1e. E-MAIL ADDRESS</b> <b>mconde@edlow.com</b>		
<b>2. TYPE OF ACTION REQUESTED (Check One)</b> <input 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 checked="" type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: <b>XSNM03357</b>				

<b>3. CONTRACT NUMBER(S)</b> <b>DE-NNSA-04LEU-K</b>	<b>4. FIRST SHIPMENT DATE</b> <b>08/01/2004</b>	<b>5. LAST SHIPMENT DATE</b> <b>12/31/2008</b>	<b>6. PROPOSED EXPIRATION DATE</b> <b>01/31/2010</b>
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**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.)

<b>7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT</b>  <b>Edlow International Corp.</b> <b>1666 Connecticut Ave. NW #201</b> <b>Washington, D.C. 20009</b>	<b>8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)</b>  <b>Hanaro Fuel Fabrication Facility</b> <b>150, Dukjin-Dong, Yusong-Gu Daejon, 305-353</b> <b>Republic of Korea</b>	<b>9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S)</b>  <b>Hanaro Research Reactor</b> <b>Korea Atomic Energy Research Institute</b> <b>150, Dukjin-Dong, Yusong-Gu Daejon, 305-353</b> <b>Republic of Korea</b>
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<b>7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED</b> <b>transporter</b>	<b>8a. INTERMEDIATE USE(S)</b> <b>fuel fabrication</b>	<b>9a. ULTIMATE END USE(S)</b> <b>research reactor fuel</b>
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<b>10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT</b>  <b>91.77 kg of U-235 contained in 460 kg of Uranium, enriched to a maximum of 19.95% in form of broken metal</b>	<b>10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)</b>  <b>460 kg Uranium</b>	<b>10b. MAX ENRICHMENT OR WGT %</b>  <b>19.95%</b>	<b>10c. MAX ISOTOPE WGT (KG)</b>  <b>91.77 kg U-235</b>
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<b>11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)</b> <b>100% U.S. obligation</b>
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**U.S. NUCLEAR REGULATORY COMMISSION**

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

<b>LICENSE NUMBER</b> XSNM03367/01	<b>DOCKET NUMBER</b> 11005494	<b>ADVISORY ACCESSION NUMBER</b>	<b>PUBLIC OR NON-PUBLIC</b>
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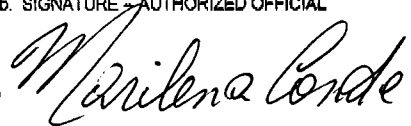
**PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED LICENSES, AMENDMENTS, OR RENEWALS**  
 (If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

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) (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 (KGS)
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 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 V.P. MARKETING ADMINISTRATION	18b. SIGNATURE - AUTHORIZED OFFICIAL 	18c. DATE Apr. 21, 2008
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**NRC FORM 7**  
(6-2007)  
10 CFR 110

**U.S. NUCLEAR REGULATORY COMMISSION**

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

LICENSE NUMBER XSNM03357/01	DOCKET NUMBER 11005494	ADAMS ACCESSION NUMBER 	PUBLIC OR NON-PUBLIC 
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

**7. Other Parties to the Export**

**U.S. Department of Energy  
National Nuclear Security Administration  
Y-12 National Security Complex  
P.O. Box 2009, Bear Creek Road  
Oak Ridge, TN 37831**

**(Supplier)**

**B&W Y-12, LLC  
Bear Creek Road  
Oak Ridge TN 37831**

**(Contractor to DOE/NNSA)**

EXPORT LICENSE

NRC FORM 250 (6-94)  <b>2010</b> THIS LICENSE EXPIRES <u>January 31, 2009</u>		NRC LICENSE NO.   XSNM03357 Page 1 of 2	
<b>United States of America</b> <b>Nuclear Regulatory Commission</b>			
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>  Edlow International Company As Agent for KAERI 1666 Connecticut Avenue, NW Suite 201 Washington, DC 20009  Attn: S. Serger		<b>ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</b>  Hanaro Research Reactor Korea Atomic Energy Research Institute 150, Dukjin-Dong, Yusong-Gu Daejon, 305-353 Republic of Korea  (Multi-purpose research reactor fuel)	
<b>INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</b>  Hanaro Fuel Fabrication Facility Korea Atomic Energy Research Institute 150, Dukjin-Dong, Yusong-Gu Daejon, 305-353 Republic of Korea  (Fuel Fabrication)		<b>OTHER PARTIES TO EXPORT</b>  U.S. Department of Energy Y-12 National Nuclear Security Complex/BWXT Y-12 Bear Creek Road Oak Ridge, TN 37831  (Supplier)	
<b>APPLICANT'S REF. NO.</b> KAERI-828		<b>COUNTRY OF ULTIMATE DESTINATION</b> Republic of Korea	
<b>QUANTITY</b> <del>91.77</del> <del>96.77</del> Kilograms	<b>DESCRIPTION OF MATERIALS OR FACILITIES</b> <del>460.0</del> Uranium-235 Contained in <del>460.0</del> kilograms Uranium, enriched to 19.95 w/o maximum, in the form of metal pieces.  Conditions 6 and 8 on page two of this license apply to this export. // <b>END</b> //		
Neither this license or 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 INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE <i>Margaret M. Doane</i> Margaret M. Doane, Deputy Director Office of International Programs	
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.		DATE OF ISSUANCE <u>December 21, 2004</u>	

EXPORT LICENSE

NRC FORM 250A  
(6-95)

U.S. NUCLEAR REGULATORY COMMISSION

U.S. NUCLEAR REGULATORY COMMISSION

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## EXPORT LICENSE

License Number XSNM03357

### Conditions

**Condition 1** -- Licensee shall file with the Customs Officer or the Postmaster two copies, in addition to those otherwise required, of the Shipper's Export Declaration covering each export and mark one of such copies for transmittal to the U.S. Nuclear Regulatory Commission, Washington, DC 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 expires 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.

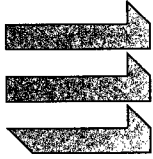
**Condition 5** -- Special nuclear material authorized for export under this license shall not be transported outside the United States in passenger-carrying aircraft in shipments exceeding (1) 20 grams or 20 curies, whichever is less, of plutonium or uranium 233, or (2) 350 grams of uranium 235.

**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 weeks prior to the scheduled date of export.

XSNM03357/01



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

April 18, 2008

Mr. Scott W. Moore  
Deputy Director  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
Mail Stop 04E9  
11555 Rockville Pike  
Rockville, MD 20852-2738

Dear Mr. Moore:

Enclosed please find our application for an amendment to XSNM03357 to increase the quantity from 455 kgs. of low enriched uranium in the form of metal to 460 kgs. for the Korea Atomic Energy Research Institute in the Republic of Korea. We are also requesting an extension of the license expiration date from January 31, 2009 to January 31, 2010. Also enclosed is a copy of the existing license, with a mark-up of the changes requested.

The total quantity shipped under this license to date is 360.486 kgU.

In accordance with the application fee schedule, enclosed is our check for \$4100.

Thank you for your attention in processing our application. Please do not hesitate to contact me if you or others in your office require additional information for the application process.

Respectfully Submitted,

EDLOW INTERNATIONAL COMPANY

Mariana Conde  
Vice President for Marketing  
Tel: (202) 483-4959  
Fax: (202) 483-4840  
e-mail: [mconde@edlow.com](mailto:mconde@edlow.com)

*mcaid 4/23/08*