## Part A. For NRC Use Only

**PUBLIC**

<table>
<thead>
<tr>
<th>License Number</th>
<th>Docket Number</th>
<th>Adams Accession Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>XSNM377</td>
<td>1106235</td>
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</tbody>
</table>

## Part B. To Be Completed for All Licenses, Amendments, Renewals, or Consent Requests

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

2. **Type of Action Requested**
   - [ ] Export
   - (Parts B, C, E)
   - [ ] Import
   - (Parts B, D, E)
   - [ ] Amendment/Renewal
   - Current License Number:

3. **Contract Number(s)**
   - NNSA-SC16-Y12-1217

4. **First Shipment Date**
   - March 1, 2017

5. **Last Shipment Date**
   - December 31, 2025

6. **Proposed Expiration Date**
   - December 31, 2026

## Part C. To Be Completed for Export Licenses, Amendments, or Renewals

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

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

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)

11. **Foreign Obligations (By Country and By Percentage of Maximum Total Volume)**
   - 100% US obligated Material

**NRC FORM 7 (02-2016)**
| **APPLICATION FOR NRC EXPORT OR IMPORT** |  |
| **LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)** |  |
| **LICENSE NUMBER** | **DOCKET NUMBER** | **ADAMS ACCESSION NUMBER** | **PUBLIC** | **OR** | **NON-PUBLIC** |
| XSNM3171 | 11000235 |  |  |  |

**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.)

<table>
<thead>
<tr>
<th>12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT</th>
<th>13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)</th>
<th>14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)</th>
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<tbody>
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<table>
<thead>
<tr>
<th>12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)</th>
<th>13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)</th>
<th>14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)</th>
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<tr>
<th>13b. INTERMEDIATE USE(S)</th>
<th>14b. ULTIMATE END USE(S)</th>
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<thead>
<tr>
<th>15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES</th>
<th>15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)</th>
<th>15b. MAX ENRICHMENT OR WGT %</th>
<th>15c. MAX ISOTOPE WGT (KG)</th>
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<tr>
<th>16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)</th>
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**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)**

<table>
<thead>
<tr>
<th>17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?</th>
<th>17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED?</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>NO</td>
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</table>

| 18. CERTIFICATION: I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title10, 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 | 18b. SIGNATURE – AUTHORIZED OFFICIAL | 18c. DATE |
| Marilena Conde | Vice President, Marketing & Administration |  |

JUL 11 2016
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)

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<td>XSNM3771</td>
<td>10006235</td>
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<td>V PUBLIC</td>
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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, with some margin for unforeseen delays.

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)
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: Amendment to License Application

Dear Ms. Ferkile,

Enclosed please find an amendment to export license application XSNM3771, Docket No. 11006235 for SCK CEN, STUDIECENTRUM VOR KERNENERGIE.

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 for a period of 5 years, up to end 2023.

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 your assistance in changing the dates which were provided in the initial license application.

Page 1, Block 5 “December 31, 2025” instead of December 31, 2026  
Page 1, Block 6 “December 31, 2026” instead of December 31, 2027.
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: Amendment to License Application

On Page 3 of the license application, we amended the additional information for Page 1, Block 5 to read:
Time frame indicated for shipment is to allow for fuel fabrication in support of Belgian Reactor No. 2 (BR2) inventory and operational requirements, with some margin for unforeseen delays.

We anticipate that once this license application is approved, we can work on the projected time line in order to 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,
Marilena Conde  
Vice President  
Marketing and Administration

Enclosures