

EXPORT LICENSE

NRC FORM 250



United States of America
 Nuclear Regulatory Commission
 Washington, D.C. 20555

NRC LICENSE NO.: XSNM3824

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NRC DOCKET NO.: 11006429

LICENSE EXPIRES: December 31, 2025

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 (NRC) issued pursuant thereto, and in reliance on the statements and representations herefore 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.

<p align="center">LICENSEE</p> <p>Edlow International Company as Agent for X Energy, LLC 1666 Connecticut Avenue, NW - Suite 201 Washington, DC 20009</p> <p>Attn: Marilena Conde</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p>The Nuclear Research and Consultancy Group (NRG) Westerduinweg 3 1755 LE Petten Netherlands</p> <p>(Irradiation Test Program)</p>
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">None</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">See following page(s)</p>

APPLICANT'S REFERENCE: XENE-4390	ULTIMATE DESTINATION: Netherlands
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<p align="center">QUANTITY(IES)</p> <p>0.065 kilograms (kgs)</p>	<p align="center">DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</p> <p>Uranium containing up to 0.012 kg U-235, enriched to 19.95 WGT % maximum, in the form of uranium oxide/carbide kernels in TRISO particles. There will be a total of 8 unirradiated HALEU bearing pebbles (each containing 1.5 grams of U-235) in the shipment.</p> <p>Conditions, 3, 4, 6 and 7 on page 2 of this license apply to this export.</p>
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<p>Neither this license nor 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.</p> <p>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 the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the NRC.</p>	<p align="center">THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</p> <p>SIGNATURE: <u>David L. Skeen</u> <small>Digitally signed by David L. Skeen Date: 2022.05.12 10:37:04 -04'00'</small></p> <p>NAME AND TITLE: David L. Skeen, Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: <u>May 12, 2022</u></p>
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Conditions

- Condition 1** Reserved
- Condition 2** Reserved
- 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 Part 71 and 10 CFR Part 73.
- Condition 5** Reserved
- Condition 6** This license authorizes export only and does not authorize the receipt, physical possession, or use of the nuclear material.
- Condition 7** The shipper shall complete and submit a DOE/NRC Form 741 for each shipment of uranium, thorium, and plutonium (i.e., source or special nuclear material) exported under this license.
- Condition 8** Reserved

OTHER U.S. PARTY(IES) TO EXPORT:

1. Edlow International Company
1666 Connecticut Avenue, NW
Suite 201
Washington, DC 20009
(transporter)

2. Oak Ridge National Laboratory (ORNL)
1 Bethel Valley Road
Oak Ridge, TN 37830
(supplier)