

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

**UNITED STATES OF AMERICA**  
Nuclear Regulatory Commission  
Washington, D.C. 20555

NRC LICENSE NO.: XSNM3777

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NRC DOCKET NO.: 11006244

LICENSE EXPIRES: March 31, 2018

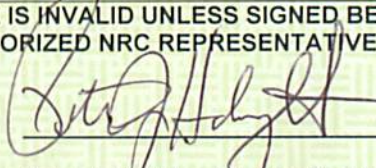
Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission (NRC) issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

<p align="center"><b>LICENSEE</b></p> <p>U. S. Department of Energy National Nuclear Security Administration Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831</p> <p>Attn: Becky G. Eddy</p>	<p align="center"><b>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p>Canadian Nuclear Laboratories Chalk River Laboratories 286 Plant Road Chalk River, Ontario K0J 1J0 Canada</p> <p>(irradiation of targets at the National Research Universal Reactor for medical isotope production pursuant to the Government of Canada's Contingency Plan)</p>
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<p align="center"><b>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p>Canadian Nuclear Laboratories Chalk River Laboratories 286 Plant Road Chalk River, Ontario K0J 1J0 Canada</p> <p>(fabrication of targets at the Nuclear Fuel Fabrication Facility)</p>	<p align="center"><b>OTHER U.S. PARTY(IES) TO EXPORT</b></p> <p align="center">See page 3</p>
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APPLICANT'S REFERENCE NO.: CNL-EU16      ULTIMATE DESTINATION: Canada

<p align="center"><b>QUANTITY(IES)</b></p> <p align="center">3.0 kilograms</p>	<p align="center"><b>DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</b></p> <p>Uranium, enriched to 93.35 WGT % maximum, containing up to 2.8 kilograms of uranium-235, as broken metal.</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 of 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"><b>THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</b></p> <p>SIGNATURE: </p> <p>NAME AND TITLE: Peter J. Habighorst, Acting Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: <u>April 20, 2017</u></p>
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**U.S. NUCLEAR REGULATORY COMMISSION  
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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

