

EXPORT LICENSE

NRC FORM 250



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

NRC LICENSE NO.: XSOU8852

Page 1 of 2

NRC DOCKET NO.: 11006372

LICENSE EXPIRES: June 01, 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>Manufacturing Sciences Corp. 804 S. Illinois Ave. Oak Ridge, TN 37830</p> <p>Attn: Jack Peters</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p>Joint Research Center Director G-Nuclear Safety, Security, and Safeguards Retiesewg 111 B-2440 Geel Belgium (accelerator target for neutron measurements)</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">None</p>

APPLICANT'S REFERENCE: XP1-2020	ULTIMATE DESTINATION: Belgium
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<p>QUANTITY(IES)</p> <p>100 Kilograms</p>	<p align="center">DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</p> <p>Depleted uranium in the form of targets that are clad in stainless steel. Each target contains 13.5 kilograms of depleted uranium.</p> <p>Conditions 3, 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>Peter J. Habighorst</u> <small>Digitally signed by Peter J. Habighorst Date: 2020.03.18 13:42:32 -04'00'</small></p> <p>NAME AND TITLE: <u>Peter J. Habighorst, Acting Deputy Director Office of International Programs</u></p> <p>DATE OF ISSUANCE: <u>March 18, 2020</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