

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

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

NRC LICENSE NO.: XSOU8843

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NRC DOCKET NO.: 11006271

LICENSE EXPIRES February 28, 2023

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the U.S. 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.

**LICENSEE**

Manufacturing Sciences Corporation  
804 S. Illinois Avenue  
Oak Ridge, TN 37830

Attn: Jack Peters

**ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)**

Korean Atomic Energy Research Institute  
111 Daedeok-Daero  
989 Beon-Gil  
Yuseong-gu  
Daejeon 34057  
Republic of Korea

(for research and development of metallic fuel for sodium-cooled fast reactor; fabrication experiments of depleted uranium)

**INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)**

NONE

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

NONE

APPLICANT'S REFERENCE NO.: MSC-X-17-1

ULTIMATE DESTINATION(S): Republic of Korea

**QUANTITY(IES)**

1,300  
Kilograms

**DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)**

Depleted uranium in the form of solid metal rods (80 millimeters (mm) in diameter, and 200 mm in length).

Conditions 3, 6, and 7 on page 2 of this license apply to this export.

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.

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.

**THIS LICENSE IS INVALID UNLESS SIGNED BELOW  
BY AUTHORIZED NRC REPRESENTATIVE**

SIGNATURE: \_\_\_\_\_



NAME AND TITLE

David L. Skeen, Deputy Director  
Office of International Programs

DATE OF ISSUANCE: \_\_\_\_\_

February 08, 2018

**EXPORT LICENSE**



**U.S. NUCLEAR REGULATORY COMMISSION  
EXPORT LICENSE**

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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:** Reserved
- 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