

**EXPORT LICENSE**

NRC FORM 250  
(10-07)



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

**NRC LICENSE NO.:** XSNM3806

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**NRC DOCKET NO.:** 11006337

**LICENSE EXPIRES:** June 30, 2023

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"><b>LICENSEE</b></p> <p>Thermo Fisher Scientific 10010 Mesa Rim Road San Diego, CA 92121</p> <p>Attn: Robert Barnes</p>	<p align="center"><b>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p>Korea Hydro and Nuclear Power Corporation 1655 Bulguk-Ro, Gyeongju-Si Gyeongsangbuk-Do, 38120 Republic Korea</p> <p>(fission chambers for use in neutron flux monitoring at Kori 3-4, Shin Kori 3-6, Hanul 1-2, and Hanbit 1-2)</p>
<p align="center"><b>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b></p> <p align="center">None</p>	<p align="center"><b>OTHER U.S. PARTY(IES) TO EXPORT</b></p> <p align="center">None</p>

**APPLICANT'S REFERENCE:** 100301, 100536, 100646, 101140

**ULTIMATE DESTINATION:** Republic of Korea

<p align="center"><b>QUANTITY(IES)</b></p> <p>0.16 kilograms</p>	<p align="center"><b>DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</b></p> <p>Uranium containing up to 0.15 kilograms (kg) of uranium-235, enriched to 94 WGT % maximum. The uranium will be contained in 37 fission chambers, each containing up to 8.0 grams of enriched uranium.</p> <p>Conditions 3, 4, 6, and 7 on Page 2 of this license apply to this export.</p>
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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 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:** March 11, 2019

**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