

EXPORT LICENSE

NRC FORM 250



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

NRC LICENSE NO.: XSNM3806/02

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NRC DOCKET NO.: 11006341

LICENSE EXPIRES: December 31, 2028

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>Thermo Fisher Scientific 1 Thermo Fisher Way Oakwood Village, OH 44146</p> <p>Attn: Vincent Vega Hos</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See following page(s)</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: XSNM3806/01

ULTIMATE DESTINATIONS: Republic of Korea and Spain

<p>QUANTITY(IES)</p>	<p align="center">DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</p> <p>The purpose of the amendment is to: 1) increase from 0.16 kilograms (kgs) of uranium to 0.50 kgs uranium and increase from 0.15 kgs to 0.47 kgs of uranium-235. The uranium will be contained in up to 100 fission chambers, each containing up to 4.0 grams of enriched uranium; and 2) extending the date of expiration from December 31, 2023 to December 31, 2028.</p> <p>The license is authorized to export a new cumulative total of 0.50 kgs of uranium containing up to 0.47 kgs of uranium-235, enriched to 94 WGT % maximum. The uranium will be contained in 100 fission chambers, each containing up to 4.0 grams of enriched uranium, used in the neutron flux monitoring systems at the Ultimate Destination(s) of the Foreign Consignee(s).</p> <p>All conditions remain the same.</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: Peter J. Habighorst, Acting Deputy Director
 Office of International Programs

DATE OF ISSUANCE: July 31, 2023

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

1. Central Nuclear Asco
Avenida de ia Central s/n 43791
Asco
Tarragona
Spain

(for use of neutron flux monitoring at Asco 1-2)

2. Korea Hydro and Nuclear Power Corporation
1655, Bulguk-Ro, Gyeongju-Si
Gyeongsanguk-Do, 38120
Republic of Korea

(fission chambers for use in neutron flux monitoring at Kori 3 & 4, Shin Kori 3-6,
Hanul 1 & 2, and Hanbit 1 & 2)