

**EXPORT LICENSE**

NRC FORM 250



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

**NRC LICENSE NO.:** XSNM3754/01**NRC DOCKET NO.:** 11006166**LICENSE EXPIRES:** August 15, 2024

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.

**LICENSEE**

Thermo Fisher Scientific  
10010 Mesa Rim Road  
San Diego, CA 92121

Attn: Robert Barnes

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

Emirates Nuclear Energy Corporation  
near Ruwais  
Barakah Nuclear Power Plant  
Abu Dhabi Emirate, Western Region  
United Arab Emirates

(neutron flux monitoring at the Barakah Nuclear Power  
Plant, Units 1-4)

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

None

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

None

**APPLICANT'S REFERENCE:** 25548**ULTIMATE DESTINATION:** United Arab Emirates**QUANTITY(IES)****DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)**

This license is amended to change the address of the ultimate consignee from its corporate headquarters to the Barakah Nuclear Power Plant site, and extend the date of expiration from August 15, 2019, to August 15, 2024.

This license authorizes the export of a cumulative total of 200 grams uranium enriched to 94 WGT % maximum, containing up to 188 grams of uranium-235. The uranium will be contained in 51 fission chambers, each containing up to 3.9 grams of uranium. The cumulative total of uranium starts from the issuance of the original export license, XSNM3754.

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:** Mohamed K. Shams, Acting Deputy Director  
Office of International Programs**DATE OF ISSUANCE:** September 12, 2019**EXPORT LICENSE**