

EXPORT LICENSE

NRC FORM 250
(10-07)

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

NRC LICENSE NO.: XSNM3754

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NRC DOCKET NO.: 11006166

LICENSE EXPIRES August 15, 2019

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 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

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
Muroor Road (4th Street)
Mamoura B
PO Box 112010
Abu Dhabi
United Arab Emirates

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

None

OTHER U.S. PARTY(IES) TO EXPORT

None

APPLICANT'S REFERENCE NO.: 25548

ULTIMATE DESTINATION: United Arab Emirates

QUANTITY

0.200
Kilograms

DESCRIPTION OF MATERIALS OR FACILITIES

Fifty-one fission chambers, containing 3.9 grams each of enriched uranium, to be used in neutron fuel monitoring systems at Barakah Nuclear Power Plant, Units 1-4. The maximum enrichment of the uranium is 94% WGT and will contain up to 0.188 kg of uranium-235.

Conditions 3, 4, 6, and 7 on Page 2 of this license apply to this export.

//////////////////////////////////////**END**//////////////////////////////////////

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 Nuclear Regulatory Commission.

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:

July 8, 2016

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**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:** 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