

EXPORT LICENSE

NRC FORM 250

NRC LICENSE NO.: XSNM3819

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NRC DOCKET NO.: 11006398

LICENSE EXPIRES: June 30, 2024



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

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

U.S. Department of Energy (DOE)
National Nuclear Security Administration (NNSA)
Y-12 National Security Complex
301 Bear Creek Road
Oak Ridge, TN 37831

Attn: Mahalia Reep

ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

Institut Laue-Langevin
High Flux Reactor (RHF)
6, rue Jules Horowitz
BP 156
38042 Grenoble Cedex 9
France

(for use as reactor fuel)

INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)

See following page(s)

OTHER U.S. PARTY(IES) TO EXPORT

See following page(s)

APPLICANT'S REFERENCE: ILL-EU-20

ULTIMATE DESTINATION: France

QUANTITY(IES)

130.0 kilograms (kg)

DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)

High enriched uranium, containing up to 121.16 kg uranium-235, enriched to a maximum 93.20%, in the form of broken metal.

Conditions 3, 4, 6, 7, and 9 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 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: Sabrina D. Attack, Deputy Director
Office of International Programs

DATE OF ISSUANCE: September 11, 2023

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
- Condition 9** The licensee shall obtain annual reports from the Ultimate Foreign Consignee on the planned and actual usage quantities of high enriched uranium fuel in the High Flux Reactor, and provide copies to the NRC's Office of International Programs.

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

1. Framatome
54 Avenue De La Deportation
ZI Les Berauds
26104 Romans Sur Isere
France

(fuel fabrication)

2. ORANO TN International
1, rue des Hérons
78180 Montigny-le-Bretonneux
France

(transporter)

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

1. Consolidated Nuclear Security L.L.C.
301 Bear Creek Road
Oak Ridge, TN 37831

(DOE/NNSA contractor for supply/transport)