

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

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

NRC LICENSE NO.: XSNM3757

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NRC DOCKET NO.: 11006187

LICENSE EXPIRES: December 31, 2017

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.

<p align="center">LICENSEE</p> <p>U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) Y-12 National Security Complex 301 Bear Creek Road Oak Ridge, TN 37831</p> <p>Attn: Becky G. Eddy</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p>Institut Laue – Langevin (ILL) High Flux Reactor (HFR) 6, rue Jules Horowitz BP 156 38042 Grenoble Cedex 9 France</p> <p>(reload fuel for High Flux Reactor)</p>
<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See Page 3</p> <p>(transporter/fuel fabricator)</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">See Page 3</p> <p>(DOE/NNSA supplier/transport contractor)</p>

APPLICANT'S REFERENCE NO. ILL-EU-15      ULTIMATE DESTINATION: France

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
<p align="center">130.0 Kilograms</p>	<p>Uranium, enriched to 93.2 WGT % maximum, containing up to 121.1 kilograms of uranium-235, as broken metal.</p> <p align="center">Conditions 3, 4, 6, and 7 on Page 2 of this license apply to this export.</p>

<p>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.</p> <p>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.</p>	<p align="center">THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</p> <p>SIGNATURE: </p> <p>NAME AND TITLE: David L. Skeen, Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: October 05, 2016</p>
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**U.S. NUCLEAR REGULATORY COMMISSION  
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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

**INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES): (Cont'd)**

1. AREVA TN International  
as an agent for CERCA  
1 rue des Herons  
78180 Montigny-le-Bretonneux  
France

(transporter)

2. AREVA CERCA  
Usine des Berauds - BP-1114  
26104 Romans sur Isere  
France

(fuel fabricator)

**OTHER U.S. PARTY(IES) TO EXPORT: (Cont'd)**

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

(DOE/NNSA supplier/transport contractor)

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

(supplier/transporter)

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