

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

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

**NRC LICENSE NO.:** XSNM3788

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**NRC DOCKET NO.:** 11006283

**LICENSE EXPIRES:** December 31, 2018

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the U.S. Nuclear Regulatory Commission (NRC) 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**

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: Becky G. Eddy

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

Institute for Radioelements (IRE)  
Avenue de l'Esperance 1  
B-6220 Fleurus  
Belgium

(for medical isotope production)

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

See pages 3 and 4

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

See page 3

**APPLICANT'S REFERENCE NO.:** IRE-EU17

**ULTIMATE DESTINATION(S):** Belgium

**QUANTITY(IES)**

1.45  
kilograms

**DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)**

Uranium, enriched to 93.35 WGT % maximum, containing 1.35 kilograms of uranium-235, in the form of unalloyed broken metal.

Conditions 3, 4, 6, and 7 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 of 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:**

David L. Skeen, Deputy Director  
Office of International Programs

**DATE OF ISSUANCE:**

March 20, 2018

**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

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

1. DOE/NNSA  
Y-12 National Security Complex  
301 Bear Creek Road  
Oak Ridge, TN 37831  
  
(supplier/transporter)
2. Consolidated Nuclear Security (CNS) L.L.C.  
301 Bear Creek Road  
Oak Ridge, TN 37831  
  
(DOE/NNSA supplier/transport contractor)
3. TN Americas LLC  
7135 Minstrel Way Suite 300  
Columbia, MD 21045  
  
(transporter)

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

1. Framatome  
54 Avenue De La Déportation  
ZI Les Bérauds  
26104 Romans sur Isère  
France  
  
(target fabricator)
2. TN International  
1, rue des Herons  
78180 Montigny-le-Bretonneux  
France  
  
(transporter)
3. Studiecentrum Voor Kernenergie (SCK-CEN)  
BR-2 Research Reactor  
Boeretang 200  
BE-2400 Mol  
Belgium  
  
(target irradiation)

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

4. Nuclear Research and Consultancy Group (NRG)  
HFR Research Reactor  
Westerduinweg 3  
1755 LE Petten  
The Netherlands

(target irradiation)

5. Nuclear Research Institute, Rez, plc  
LVR-15 Research Reactor  
Husinec – Rez 130  
Cz-250 68 Rez  
Czech Republic

(target irradiation)

6. National Center for Nuclear Research  
Maria Research Reactor  
Andrzej Soltan 7  
05-400 Otwock-Swierk  
Poland

(target irradiation)