EXPORT LICENSE

NRC FORM 250
(10-07)

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

NRC LICENSE NO.: XSNM3776

NRC DOCKET NO.: 11006241

LICENSE EXPIRES: March 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	ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)
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	Institute for Radioelements (IRE) Avenue de l'Esperance 1 B-6220 Fleurus Belgium (medical isotope production)
INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)	**OTHER U.S. PARTY(IES) TO EXPORT**
See pages 3 and 4	See page 3
APPLICANT'S REFERENCE NO.: IRE-EU16	**ULTIMATE DESTINATION:** Belgium

QUANTITY(IES)	DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)
3.7 kilograms	Uranium, enriched to 93.35 WGT % maximum, containing up to 3.45 kilograms of uranium-235, as 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: David L. Skeen

NAME AND TITLE: David L. Skeen, Deputy Director
Office of International Programs

DATE OF ISSUANCE: **August 3, 2017**

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U.S. NUCLEAR REGULATORY COMMISSION
EXPORT LICENSE

LICENSE NUMBER: XSNM3776

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 supply/contractor)

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

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

   (target fabrication)

2. AREVA TN International
   1, rue des Herons
   78180 Montigny-le-Bretonneux
   France

   (transporter)

3. Studiecentrum Voor Kernenergie (SCK-CEN)
   Boeretang 200
   BE-2400 Mol
   Belgium

   (target irradiation)

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

   (target irradiation)

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

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

   (target irradiation)

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

   (target irradiation)

END