

EXPORT LICENSE

NRC FORM 250
(10-07)

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


NRC LICENSE NO.: XSNM3722/02

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NRC DOCKET NO.: 11006019

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.

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|---|---|
| <p align="center">LICENSEE</p> <p>TN Americas LLC 7135 Minstrel Way, Suite 300 Columbia, MD 21045</p> <p>Attn: Nicolas Guibert</p> | <p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See Page 4</p> |
| <p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See Pages 3 and 4</p> | <p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">See Page 3</p> |
| <p>APPLICANT'S REFERENCE NO.: F.XXXXXX-C-27-16-06-01</p> | <p>ULTIMATE DESTINATION: The Netherlands</p> |
| <p align="center">QUANTITY</p> | <p align="center">DESCRIPTION OF MATERIALS OR FACILITIES</p> <p>The license is amended to change the Licensee name from AREVA Inc., to TN Americas LLC.</p> <p>The licensee is authorized to export 735 kilograms (kg) of uranium, enriched to 19.95 WGT % maximum, containing up to 147 kg uranium-235 in solid form.</p> <p>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: <u>OCT 27 2016</u></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

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

1. 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)

2. Consolidated Nuclear Security, LLC
301 Bear Creek Road
Oak Ridge, TN 37831

(DOE/NNSA supply contractor)

INTERMEDIATE FOREIGN CONSIGNEE(S):

1. AREVA NP Romans
Z.I. Les Berauds
54 avenue de la deportation
26104 Romans sur Isère
France

(fuel and/or target fabrication)

2. STUDIECENTRUM VOOR KERNENERGIE (SCK-CEN)
BR-2 Research Reactor
Boeretang 200
B-2400 MOL
Belgium

(target irradiation)

3. Institute of Atomic Energy (IAE) POLATOM
05-400 Otwock-Świerk
Republic of Poland

(target irradiation)

4. AREVA TN International
1 Rue des Hèrons
78180 Montigny Le Bretonneux
France

(transporter)

INTERMEDIATE FOREIGN CONSIGNEE(S): (Cont'd)

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

(target irradiation)

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

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

(reload fuel)

2. Mallinckrodt Molybdenum Production Facility
Westerduinweg 3
1755 LE Petten
The Netherlands

(medical isotope production)

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