

## EXPORT LICENSE

NRC FORM 250  
(10-07)

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

NRC LICENSE NO.: XSNM3762

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NRC DOCKET NO.: 11006192

LICENSE EXPIRES December 31, 2016

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.

## 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)

International Centre for Environmental and  
 Nuclear Sciences (ICENS)  
 University of the West Indies  
 Mona Campus  
 Kingston 7  
 Jamaica

(For use as fuel at the SLOWPOKE-2 Research  
 Reactor)

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

None

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

See Page 3

(Supplier; DOE/NNSA Contractor; Transporter)

APPLICANT'S REFERENCE NO.: ICENS-LEU15

ULTIMATE DESTINATION: Jamaica

## QUANTITY

6.62  
 Kilograms

2

## DESCRIPTION OF MATERIALS OR FACILITIES

Uranium, enriched to 19.95 WGT % maximum, containing up to 1.32 kilograms of Uranium-235, in the form of uranium dioxide fuel and zircalloy-4 cladding (a maximum of 225 fuel pins).

Fuel cages manufactured with zircalloy-4 (one is for loading the fuel core and one is a spare).

Conditions 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 Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW  
 BY AUTHORIZED NRC REPRESENTATIVE

SIGNATURE:



NAME AND TITLE:

Nader L. Mamish, Director  
 Office of International Programs

DATE OF ISSUANCE:

August 28, 2015

EXPORT LICENSE



**U.S. NUCLEAR REGULATORY COMMISSION  
EXPORT LICENSE**

**LICENSE NUMBER: XSNM3762**  
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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., special nuclear material) exported under this license.
- Condition 8:** Reserved

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

1. DOE/ NNSA  
Y-12 National Security Complex  
301 Bear Creek Road  
Oak Ridge, TN 37831

(Supplier)

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

(DOE/NNSA Contractor)

3. Secure Transportation Services (STS)  
460 Silverberry Lane  
Sugar Hill, GA 30518

(Transport)

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