

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

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


**NRC LICENSE NO.:** XSNM3792

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**NRC DOCKET NO.:** 11006297

**LICENSE EXPIRES:** May 31, 2019

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.

<b>LICENSEE</b>		<b>ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b>	
U. S. Department of Energy (DOE) Oak Ridge National Laboratory c/o UT-Battelle, LLC One Bethel Valley Road Oak Ridge, TN 37831-6396  Attn: Edward Graham		Centronic Limited Centronic House King Henry's Drive New Addington Croydon, Surrey CR9 0BG United Kingdom  (fabricate neutron detector)	
<b>INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</b>		<b>OTHER U.S. PARTY(IES) TO EXPORT</b>	
None		See page 3	
<b>APPLICANT'S REFERENCE NO.:</b> IBO-FY18#1		<b>ULTIMATE DESTINATION(S):</b> United Kingdom	
<b>QUANTITY(IES)</b>	<b>DESCRIPTION OF MATERIAL(S) OR FACILITY(IES)</b>		
215 Grams	Uranium, enriched to 93.19 WGT % maximum, containing 200 grams of uranium-235, as solid U <sub>3</sub> O <sub>8</sub> , to fabricate a neutron detector.  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.		<b>THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE</b>	
		<b>SIGNATURE:</b> 	
		<b>NAME AND TITLE:</b> David L. Skeen, Deputy Director Office of International Programs	
		<b>DATE OF ISSUANCE:</b> <u>          MAY 31 2018          </u>	

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

(packaging and ship U-235)

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

(DOE/NNSA supplier)

3. V. Alexander & Co., Inc.  
22815 Glenn Dr., Suite 101  
Sterling, VA 20164

(freight forwarder)