

# EXPORT LICENSE

NRC FORM 250  
(10-07)

## UNITED STATES OF AMERICA

Nuclear Regulatory Commission  
Washington, D.C. 20555

NRC LICENSE NO.: XW008/04

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NRC DOCKET NO.: 11005323

LICENSE EXPIRES March 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.

### LICENSEE

Diversified Scientific Services, Inc. (DSSI)  
657 Gallaher Road  
Kingston, TN 37763

Attn: Paul M. Hickman

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

See Page 2

(For disposition in accordance with Canadian requirements)

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

NONE

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

NONE

APPLICANT'S REFERENCE NO.: Appl. dated 01/10/2013

ULTIMATE DESTINATION: Canada

### QUANTITY

### DESCRIPTION OF MATERIALS OR FACILITIES

The licensee is authorized to export 420.0 kilograms in two drums containing 0.1998 TBq (5.4 Ci) of H-3 and other mixed fission product radionuclides (estimated quantity of non-conforming Class A Radioactive Mixed Waste that may be found in a total of 378,000.0 kilograms of such waste that DSSI/ Perma-Fix is authorized by NRC license IW012 (and subsequent amendments) to import from Canada).

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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:

Mark R. Shaffer, Deputy Director  
Office of International Programs

DATE OF ISSUANCE:

March 14, 2013

EXPORT LICENSE

**ULTIMATE CONSIGNEES IN FOREIGN COUNTRY: (Cont'd)**

(For disposition in accordance with Canadian requirements)

1. Atomic Energy of Canada Limited  
Chalk River Laboratories  
Plant Road  
Chalk River, Ontario  
Canada, K0J 1J0
2. Atomic Energy of Canada, Limited  
Whiteshell Laboratories  
Pinawa, Manitoba  
Canada, R0E 1L0
3. Cameco Corporation  
Cameco Fuel Manufacturing  
200 Dorset Street East  
Port Hope, Ontario  
Canada, L1A 3V4
4. Cameco Corporation  
Port hope Conversion Facility  
1 Eldorado Place  
Port Hope, Ontario  
Canada, L1A 3A1
5. Cameco Corporation  
Blind River Refinery  
328 Eldorado Road  
P.O. Box 1539  
Blind River, Ontario  
Canada, P0R 1B0

**DESCRIPTION OF MATERIALS OR FACILITIES: (Cont'd)**

DSSI/Perma-Fix is to determine the actual quantity of non-conforming waste which cannot be processed at its Boiler Industrial Furnace and must be returned after examining the material.

The license is amended to: 1) add four ultimate consignees in Canada; 2) revise "Description of Materials or Facilities" to include waste material that could not be recycled for beneficial reuse, or does not conform to specification, and/or has been processed for volume reduction and is waste directly attributable to processing the material imported under IW012 (and subsequent amendments); and 3) extend the expiration date from December 31, 2013 to March 31, 2017.

Applicable Condition: To proceed with this export, DSSI/Perma-Fix is required to obtain prior consent from the U.S. Environmental Protection Agency by providing an advance Notification of Intent to Export Hazardous Waste to a Foreign Source in accordance with 40 CFR § 262.53. DSSI/Perma-Fix also is responsible for complying with all other applicable Federal and State regulations.

All other terms and conditions of this export license remain unchanged.

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