

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

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

NRC LICENSE NO.: XW002  
Amendment No. 05

Page 1 of 2

NRC DOCKET NO.: 11004983

LICENSE EXPIRES December 31, 2013

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.

<p align="center">LICENSEE</p> <p>Diversified Scientific Services (DSSI) 657 Gallaher Road Kingston, TN 37763</p> <p>Attn: Paul M. Hickman</p>	<p align="center">ULTIMATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">See Page 2</p> <p>(Return of Class A radioactive mixed waste from processing materials imported under NRC license IW004)</p>
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<p align="center">INTERMEDIATE CONSIGNEE(S) IN FOREIGN COUNTRY(IES)</p> <p align="center">NONE</p>	<p align="center">OTHER U.S. PARTY(IES) TO EXPORT</p> <p align="center">NONE</p>
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<p>APPLICANT'S REFERENCE NO.: Ltr. Dtd. 1/20/09</p>	<p>ULTIMATE DESTINATION: Canada</p>
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<p align="center">QUANTITY</p>	<p align="center">DESCRIPTION OF MATERIALS OR FACILITIES</p> <p>The licensee is authorized to export up to 1.11 TBq (30 Ci) (and not more than 0.37 TBq (10 Ci) per year) in 15,000 liters of radionuclides (primarily mixed fission products) as Class A radioactive mixed waste in the form of baghouse salts and ash, which result from processing liquid waste received from the suppliers under NRC import license IW004.</p> <p align="right">XW002, Amendment No. 05 continued on Page 2</p>
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<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: Stephen Dembek, Acting Deputy Director Office of International Programs</p> <p>DATE OF ISSUANCE: November 3, 2010</p>
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**EXPORT LICENSE**

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

The licensee is also authorized to export (return) non-conforming Class A radioactive mixed waste imported should it be received from the Canadian suppliers contained in IW004.

The license replaces XW002/04 and is amended to: 1) add additional 'Ultimate Consignee(s) in Foreign Country(ies)'; and 2) extend the expiration date from December 31, 2010 to December 31, 2013.

The licensee remains responsible for complying with all applicable domestic Federal and State regulatory requirements as well as any international requirements that may apply to transfers of this material. Should the licensee receive and arrange to return non-conforming Class A radioactive mixed waste under NRC import license IW004, the licensee shall notify NRC at least thirty days in advance of the shipment and include documentation demonstrating that its return to the respective Canadian supplier is authorized.

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

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

Bruce Power Inc.  
B10 4<sup>th</sup> Floor West  
Tiverton, Ontario  
Canada N2G 2T0

New Brunswick Power  
Pt. Lepreau Generating Sta.  
122 County Line Road  
Maces Bay, New Brunswick  
Canada E5W 1W1

Ontario Power Generation Inc.  
Western Waste Management Facility  
Tiverton, Ontario  
Canada

TRIUMF  
4004 Wesbrook Mall  
Vancouver, B.C.  
Canada V6T 2A3

(Return of Class A radioactive mixed waste from processing materials imported under NRC license IW004)

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