

**EXPORT LICENSE**

NRC FORM 250  
(10-07)

**UNITED STATES OF  
AMERICA**

Nuclear Regulatory Commission  
Washington, D.C. 20555

NRC LICENSE NO.: XW008  
Amendment No. 03

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NRC DOCKET NO.: 11005323

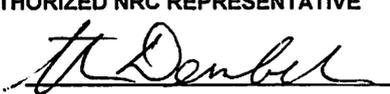
LICENSE EXPIRES December 31, 2013

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, Inc. (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>Atomic Energy of Canada Limited (AECL) Plant Road Chalk River, Ontario Canada</p> <p>(Return to AECL of Radioactive Waste)</p>
<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>

<p>APPLICANT'S REFERENCE NO.: Ltr. Dtd. 02/27/09</p>	<p>ULTIMATE DESTINATION: Canada</p>
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<p>QUANTITY</p>	<p align="center">DESCRIPTION OF MATERIALS OR FACILITIES</p> <p>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 is authorized by NRC license IW012 to import from Canada).</p> <p align="right">XW008, Amendment No. 03 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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**DESCRIPTION OF MATERIALS OR FACILITIES: (Cont'd)**

**DSSI 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 extend the expiration date from March 31, 2009 to December 31, 2013.**

**Applicable Condition: To proceed with this export, DSSI 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 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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