

March 15, 2005

Margaret M. Doane
Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852- 2738

2005 MAR 22 AM 1:59

Subject: Request for Minor Amendment of Export License

Dear Ms. Doane:

Atomic Energy of Canada, Limited (AECL) has communicated to us that additional waste material similar to that already sent to date will continue to be shipped for processing at Diversified Scientific Services, Inc. (DSSI) in Kingston, Tennessee. Import License IW012/01 is currently valid for this function.

The intent of this letter is to request a minor amendment to Export License XW008 to complement Import License IW012/01 and if necessary to return any non-conforming waste back to AECL. To date, Export License XW008 has never been utilized for return of non-conforming waste back to AECL.

Attached is a check for \$230 to cover the cost for this minor amendment request.

The minor amendment request includes:

Export License XW008


Extend the export expiration date from March 31,2005 to "March 31, 2007."

Increase the total quantity of material to match IW012/01 amount (378,000 kg).

Everything else remains unchanged.

Thank you for you help with this amendment.

Sincerely,


Paul M. Hickman
Sales Manager
Perma-Fix Environmental Services, Inc./DSSI
12008

PUBLIC

NRC FORM 250

NRC LICENSE NO. XW008/01

THIS LICENSE EXPIRES 31 March 2005

United States of America
Nuclear Regulatory Commission

XW008

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: P. Hickman

ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

Atomic Energy of Canada Limited (AECL)
Plant Road
Chalk River, Ontario, Canada

(Return to AECL of non-conforming Class A Radioactive Mixed Waste if necessary.)

INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

NONE

OTHER PARTIES TO EXPORT

NONE

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APPLICANT'S REF. NO. AD-0031-02

COUNTRY OF ULTIMATE DESTINATION Canada

QUANTITY
420 kg in two (2) drums containing 5.4 curies tritium and other mixed fission product radionuclides

DESCRIPTION OF MATERIALS OR FACILITIES
Estimated quantity of non-conforming Class A Radioactive Mixed Waste that may be found in a total of 189,000 kg of such waste that DSSI is authorized by NRC license IW012 to import from Canada. DSSI to determine actual quantity of non-conforming waste which cannot be processed at its Boiler Industrial Furnace and must be returned after examining the material.

Applicable Condition: In order to proceed with this export, DSSI is required to obtain prior consent from the US 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 is also responsible for complying with all other applicable Federal and State regulations.

//////////////////////END//////////////////////////////////////

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

Janice Dunn Lee
Janice Dunn Lee, Director
Office of International Programs
DATE OF ISSUANCE March 26, 2002

XW008/01



United States Nuclear Regulatory Commission

Washington, DC 20555

Import License

Pursuant to the Atomic Energy Act of 1954, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 110, a license is hereby issued to the licensee designated below authorizing the import of nuclear materials and/or facilities into the United States of America in accordance with the statements and representations made by the licensee in the application referenced below. This license is subject to all applicable rules, regulations, and orders of the United States Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

NRC License Number: IW012/01

Expiration Date: March 31, 2006

Application Date/Reference Number:

Letter dated March 18, 2004/PH.04.0010D-0031-02

Licensee:

Diversified Scientific Services, Inc. (DSSI/Perma-Fix)
657 Gallaher Road
Kingston, TN 37763
Attn: P. Hickman

This Amendment: 1) extends the expiration date from March 31, 2004 to March 31, 2006; 2) increases the quantity from 189,000 kilograms of Class A Radioactive Mixed Waste containing 600 curies of tritium, C-14, mixed fission product radionuclides, and other contaminants, to a total of 378,000 kilograms of Class A Radioactive Mixed Waste containing up to 1,200 curies of the aforementioned contaminants; and 3) updates the State of Tennessee Radioactive Material License to R-73014-H14.

Quantity and Type of Material: The total quantity of material authorized for import under this license is cumulative and includes the quantity originally authorized for import. The total quantity therefore shall not exceed 378,000 kilograms Class A Radioactive Mixed Waste, containing a total of 1,200 curies of tritium and C-14, mixed fission product radionuclides, and other contaminants. The type of material authorized for import is unchanged and consists of oil, solvents, scintillation fluids, grease, paint chips, paint sludge, spent bead resins, powder resins, activated carbon and other materials. It is characterized either as Low Specific Activity (LSA) radioactive material or as an exempt quantity.

Point of Origin:

Atomic Energy of Canada Limited (AECL),
Chalk River Laboratories, Ontario, Canada

End Use: Licensee is authorized to incinerate the imported waste at its Boiler Industrial Furnace (BIF), and, if necessary, to return any non-conforming waste back to AECL, subject to the terms and conditions of NRC export license XW008.

Receiving Facility in the United States:

DSSI/Perma-Fix
657 Gallaher Road
Kingston, TN 37763

The applicable State of Tennessee Radioactive Material License is:

R-73014-H14.

Signed For the U.S. Nuclear Regulatory Commission By:

Margaret M. Doane, Deputy Director
Office of International Programs

December 10, 2004

Date of Issuance:

Margaret Doane

License Condition: Licensee must maintain applicable domestic authorizations to receive, possess and incinerate this material, and must comply with applicable domestic Federal and State requirements.