

February 23, 2006

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

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Subject: Request for Minor Amendment of Import License IW012/01

Dear Ms. Doane:

Atomic Energy of Canada Limited (AECL) has communicated to us that additional waste material will need to be shipped for processing at Diversified Scientific Services, Inc. (DSSI) in Kingston, Tennessee.

The intent of this letter is to request a minor amendment (IW012/02) to extend the expiration date for active Import License IW012/01, to accommodate this additional waste.

Attached is a check for \$300 to cover the cost for the following minor amendment request:

Issue amendment number IW012/02 and extend the import expiration date from 31 March 2006 to 31 March 2008.

Increase the total tritium, C-14, mixed fission product radionuclides and other contaminants from 1200 curies to 2000 curies.

Everything else remains unchanged. A copy of the current import license is attached.

Please contact me if you have any questions or need anything else regarding this request.

Sincerely,



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

IW012/02



United States Nuclear Regulatory Commission

Washington, DC 20555

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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.