



Green Bay Location

2121 Innovation Court, Suite 300
P.O. Box 5126 • De Pere, WI 54115-5126
(920) 497-2500 • Fax: (920) 497-8516
www.foth.com

November 12, 2015

Materials Licensing Section
United States Nuclear Regulatory Commission
Region III
2443 Warrenville Road Suite 210
Lisle, IL 60532-4352

To Whom It May Concern:

RE: License Number 48-18916-02 Proposed Termination of License

Foth Infrastructure & Environment, LLC (Foth) is requesting to terminate Radioactive Material License No. 48-18916-02.

Please find enclosed NRC Form 314, as well as a copy of our current Wisconsin Radioactive Materials License #009-1100-01 and current leak testing information.

If you have any questions or comments, or require additional information to terminate the material license, please contact me at (920) 496-6833 or e-mail me at greg.parins@foth.com.

Thank you for your cooperation in this matter.

Sincerely,

Foth Infrastructure & Environment, LLC

Handwritten signature of Gregory J. Parins in black ink.

Gregory J. Parins
Radiation Safety Officer

Handwritten signature of Matthew Walters in black ink.

Matthew Walters
Senior Operations Manager

cc: file

CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS Foth Infrastructure and Environment, LLC 2121 Innovation Court, P.O. Box 5126 De Pere, WI 54115	LICENSE NUMBER 48-18916-02	DOCKET NUMBER 030-28756
LICENSE EXPIRATION DATE July 31, 2021		

A. LICENSE STATUS (Check the appropriate box)

- This license has expired.
 This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
 - a. Transfer of radioactive materials to the licensee listed below:
 State Of Wisconsin Radio Active Materials License #009-1100-01
 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee:
 - 2. By licensed disposal site:
 - 3. By waste contractor:
 - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- 1. A radiation survey was conducted by the licensee. The survey confirms:
 - a. the absence of licensed radioactive materials
 - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
 - a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
 - a. The results of the latest leak test are attached; and/or
 - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Greg Parins	Proj. Environmental Specialist/RSO	920-496-6833	greg.parins@foth.com

Mail all future correspondence regarding this license to:
 Same as above

C. CERTIFYING OFFICIAL I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Greg Parins, Project Environmental Specialist/RSO		11/10/15

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

INSTRUCTIONS

Section B, Item 2.

Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

Section B, Item 2.a.

The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

Section B, Item 2.b.

For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

Section B, Item 2.c.

"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND CERTIFICATES TO:

MATERIAL RADIATION PROTECTION SECTION
U. S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511



STATE OF WISCONSIN
DEPARTMENT OF HEALTH SERVICES

RADIOACTIVE MATERIALS LICENSE

Under s.254.365, Wisconsin Statutes and Chapter DHS 157, Wisconsin Administrative Code, and in reliance on statements and representations made by the licensee, a license is issued authorizing the licensee to receive, acquire, possess and transfer radioactive material designated below; to use the material for the purpose(s) and at the place(s) designated below; and to deliver or transfer the material to persons authorized to receive it in accordance with Chapter DHS 157, Wisconsin Administrative Code. This license is subject to all applicable rules and orders of the Wisconsin Department of Health Services (DHS) including Chapter DHS 157, Wisconsin Administrative Code now or hereafter in effect, and to any conditions specified below.

<p>Licensee Name and Address</p> <p>1. Foth Infrastructure and Environment, LLC</p> <p>2. 2121 Innovation Court P.O. Box 5126 De Pere, WI 54115-5126</p>	<p>In accordance with letter dated July 15, 2015,</p> <p>3. License Number: 009-1100-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Amendment No.: 10</p> <hr/> <p>5. Expiration Date: January 31, 2016</p>
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6. Radioactive material:	7. Chemical and/or physical form:	8. Maximum amount of radioactive materials that the licensee may possess at any one time under this license:	9. Authorized Use:
A . Cesium-137	A . Sealed source registered either with NRC under 10 CFR 32.210 or with an Agreement State.	A . No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State. Total possession limit not to exceed 80 millicuries.	A . To be used in Troxler Electronic Laboratories Model 3400 Series gauges for measuring the density of construction materials.
B . Americium-241:Be	B . Sealed source registered either with NRC under 10 CFR 32.210 or with an Agreement State.	B . No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State. Total possession limit not to exceed 400 millicuries.	B . To be used in Troxler Electronic Laboratories Model 3400 Series gauges for measuring the moisture content of construction materials.

**RADIOACTIVE MATERIALS
LICENSE
SUPPLEMENTARY SHEET**

License Number: 009-1100-01

Amendment No: 10

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 2121 Innovation Court, De Pere and may be used or stored at temporary job sites of the licensee anywhere in Wisconsin where DHS maintains jurisdiction for regulating the use of licensed material.
11.
 - A. The Radiation Safety Officer for this license is Greg J. Parins.
 - B. Before assuming the duties and responsibilities as RSO for this license, future RSOs shall have successfully completed one of the training courses described in the Criteria section titled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience-Radiation Safety Officer", of WISREG "Guidance for Portable Gauges or XRF Devices" dated January 2004.
12. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated December 16, 2010; have been instructed in licensee's operating and emergency procedures and have been approved in writing by the RSO.
13. The licensee is authorized to transport licensed material in accordance with the provisions of Chapter DHS 157, 'Radiation Protection', Subchapter XIII, 'Transportation'.
14. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage, or when not under the direct surveillance of an authorized user.
15. Except for maintaining labeling as required by Chapter DHS 157 'Radiation Protection', Subchapter III or Subchapter XIII, the licensee shall obtain authorization from DHS before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificate(s) of Registration issued either by the NRC pursuant to 10 CFR 32.210 or by an Agreement State.
16. Any cleaning, maintenance, or repair of the gauge(s) that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by DHS, the NRC or another Agreement State to perform such services.
17. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
18.
 - A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use a surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.
 - B. If a sealed source or a probe containing a sealed source becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the DHS and submit the reports required by DHS 157.13(17). The licensee shall not abandon the sealed source or probe without obtaining DHS's prior written consent.

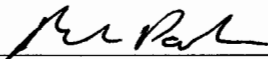
**RADIOACTIVE MATERIALS
LICENSE
SUPPLEMENTARY SHEET**

License Number: 009-1100-01

Amendment No: 10

19. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by DHS, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, location of sealed sources and/or devices, and the date of the inventory.
20. The licensee shall maintain a utilization log where the portable gauge(s) are stored. The log shall contain the date(s) of use, temporary job site(s), serial number of the gauge, and the name(s) of the authorized user(s).
21. When performing tests at temporary job sites, the authorized user shall not leave the gauge unattended. Upon completion of tests the device shall be locked in the licensee's vehicle or a secure building to prevent unauthorized use, loss, or theft.
22. Notwithstanding the requirements of DHS 157.24, no sealed sources shall be stored for a period of more than 3 years without being tested for leakage or contamination.
23. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in DHS 157.15 for establishing decommissioning financial assurance.
24. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. Chapter DHS 157, 'Radiation Protection' shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the rule.
- A. Application with attachments dated December 16, 2010 and signed by Gerald W. Sevick.
- B. Delegation of authority dated January 12, 2013 and signed by Randall J. Homel.
- C. Letter with attachment dated November 4, 2013 and signed by Janis S. Kesy.
- D. Letter dated August 27, 2015 and signed by Steve Laszewski.

FOR THE WISCONSIN DEPARTMENT OF HEALTH SERVICES



SIGNATURE

Materials Program Supervisor

8/31/2015

DATE



Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
Research Triangle Park, NC 27709
Tel: (877) 876-9537 Fax: (866) 391-2759
License: NC 032-0182-1

TARA M. VAN HOOF
FOTH INFRASTRUCTURE & ENV.
2121 INNOVATION COURT, SUITE 300
PO BOX 5126
DE PERE, WI 54115-5126

Cust ID: 3657

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 **Serial No:** 18608

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-14066	03/15/1990	Am-241:Be	1.48	40
50-8189	02/16/1990	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 10/21/2015
Sample analyzed on: 10/26/2015 11:27:30 A **Position:** 8
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	25
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



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TARA M. VAN HOOF
FOTH INFRASTRUCTURE & ENV.
2121 INNOVATION COURT, SUITE 300
PO BOX 5126
DE PERE, WI 54115-5126

Cust ID: 3657

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 **Serial No:** 18532

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
50-8088	02/16/1990	Cs-137	0.296	8
47-13988	02/21/1990	Am-241:Be	1.48	40

LEAK TEST ANALYSIS:

Sample collected on: 10/21/2015
Sample analyzed on: 10/26/2015 11:26:17 A **Position:** 7
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	20
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



Troxler Electronic Laboratories, Inc.

3008 Cornwallis Rd., P.O. Box 12057
Research Triangle Park, NC 27709
Tel: (877) 876-9537 Fax: (866) 391-2759
License: NC 032-0182-1

GREG PARINS
FOTH INFRASTRUCTURE & ENV.
2121 INNOVATION COURT
PO BOX 5126
DE PERE, WI 54115

Cust ID: 13237

LEAK TEST CERTIFICATE

DEVICE:

Model: 3440 **Serial No:** 18433

SEALED SOURCES:

Serial No.	Measure Date	Nuclide	GBq	mCi
47-13887	02/21/1990	Am-241:Be	1.48	40
50-7943	01/29/1990	Cs-137	0.296	8

LEAK TEST ANALYSIS:

Sample collected on: 10/15/2015
Sample analyzed on: 10/19/2015 1:35:48 PM **Position:** 5
Analyzed by: EM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.25E+01	1.97E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	27
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

This certifies that the leak test results are:

Less than 185 Bq (0.005 uCi) **Greater than 185 Bq (0.005 uCi)**



Where Customer Service is a Priority

Richard Aguinaga
Aguinaga Technical Services
1924-C Calumet Drive
Sheboygan, WI 53081
rich@atsnuc.com
Phone: (920) 803-8789
Fax: (920) 803-6707

LEAK TEST CERTIFICATE

Attn: Dan Bacehowski
Foth Infrastructure & Environment, LLC
8191 Birchwood Ct Suite L
Johnston IA 50131

A leak test has been performed on the following gauge:

Manufacturer: **Troxler**
Model: **3440**
Serial Number: **25921**
Cs137 Serial Number: **75-8907**
Am241/Be Serial Number: **47-22300**

Date Sample Collected: **6/30/2015**
Date Sample Analyzed: **7/3/2015**
Collected by: **Larry Green**
Analyzed By: **Richard Aguinaga**
Sample Activity α : **< .000004 μ Ci**
Sample Activity β : **< .00005 μ Ci**

A sample activity of 0.005 μ Ci or greater is considered by Federal and most Agreement state regulations to be a leaking source and must be removed from service and reported to the applicable regulatory agency within five days of the test.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by WI License 117-1005-01


Richard Aguinaga
Radiation Safety Officer

REVIEWED BY RADIATION SAFETY OFFICER
(if required by your license sign below)

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FIRST CLASS



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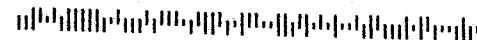


2121 Innovation Court, Ste 300
P.O. Box 5126
De Pere, WI 54115-5126
(920) 497-2500

MATERIALS LICENSING SECTION
US NUCLEAR REGULATORY
COMMISSION REGION III
2443 WARRENVILLE ROAD SUITE 210
LISLE IL 60532-4352

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