



October 7, 2015

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
2100 Renaissance Boulevard, Suite 100
King of Prussia, Pennsylvania 19406-2713

Re: Materials License Termination Request
Thelen Associates, Inc. – Lexington, Kentucky
License No. 16-31460-01 *1030 38508*

REC-RC 10 14 15 AM 07:05

On August 17, 2015, Geotechnology, Inc. (Geotechnology) acquired the substantial assets of Thelen Associates, Inc. (Thelen Associates) with offices located in Erlanger, Kentucky; Lexington, Kentucky; Cincinnati, Ohio; and Dayton, Ohio. As part of this asset acquisition, nuclear density gauges were transferred to Geotechnology. Geotechnology possess a current NRC License 24-24459-01. The activities that previously took place under the Thelen Associates license will now take place under the Geotechnology license.

Attached is the NRC Form 314 – Certificate of Disposition of Materials that indicates the disposition of the gauges and requests that the Thelen Associates license be terminated. Also attached are copies of the most current leak tests of the gauges that were associated with the Thelen license.

Should you have any questions regarding this request, please contact the undersigned at 859-746-9400 or Joe Darmody at 314-997-7440.

Very truly yours,

GEOTECHNOLOGY, INC.

Keith Pryse
Radiation Safety Officer

KAP/JDD:jdd/

Attachments: NRC Form 314 – Certificate of Disposition of Materials
Leak Test Results

588850

NMSS/RGNI MATERIALS-002



**CERTIFICATE OF DISPOSITION
OF MATERIALS**

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

Thelen Associates, Inc.
125 Trade Street, Suite D
Lexington, Kentucky 40511-2616

LICENSE NUMBER

16-31460-01

DOCKET NUMBER

030-38508

LICENSE EXPIRATION DATE

December 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:
Geotechnology, Inc. 11816 Lackland Road, Maryland Heights, Missouri 63146. License number 24-24459-01. Docket number 030-18640. Contact: Joe Darmody; 314-997-7440. Date of transfer: August 17, 2015.
 - 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
Keith Pryse	Radiation Safety Officer	859-746-9400	kpryse@thelensassoc.com

Mail all future correspondence regarding this license to:

Joe Darmody; Geotechnology, Inc.; 11816 Lackland Road, Maryland Heights, Missouri 63146

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Keith Pryse, Radiation Safety Officer		10/07/2015

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.

Send all kits and requests to:

SUNTRAC Services, Inc.
1818 East Main Street
League City, TX 77573
(281) 338-2133

ATTN: SIT-KIT

CAUTION: Conduct a survey on the outside of each package placed in the U.S. Mails. Any reading over 0.5 mR/hr at contact with the envelope or package shall not be mailed.

LEAK TEST INVENTORY/REPORT FORM

Company Name: Thelen Associates, Inc. (401)

Address: 1398 Cox Ave. City: Erlanger State: KY Zip Code: 41018-100

Isotope: Cs 137 / Am 241 Activity: 5.9 / 47.7 mCi

Source Serial No: 1512GC/AM-9D Leak Test Date: 01/27/15

Device Serial No: M16056752

Manufacturer: CPN Model No.: MC-1

Smear Taken By: Jake Campbell

----- DO NOT WRITE BELOW THIS LINE -----

This is to certify that the above described smear/swab has been assayed at our facilities for indication of source leakage.

Our findings show the leakage to be:

ALPHA	BETA-GAMMA
<.0001	<.0001

 $\mu\text{Ci (Wet)}$

Certified By: *Renda Wasek* Date: 02/04/15

SUNTRAC Services, Inc. Representative
(Texas Radioactive License No. L03062)

3024815

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LEAK TEST INVENTORY/REPORT FORM

Company Name: Thelen Associates, Inc. (401)

Address: 1398 Cox Ave. City: Erlanger State: KY Zip Code: 41018-100

Isotope: Cs 137 / Am 241 Activity: 5.4 / 47.9 mCi

Source Serial No: CS 17K/AM430 Leak Test Date: 01/27/15

Device Serial No: MD80904622

Manufacturer: CPN Model No.: MC-1-DRP

Smear Taken By: Jake Campbell

----- DO NOT WRITE BELOW THIS LINE -----

This is to certify that the above described smear/swab has been assayed at our facilities for indication of source leakage.

Our findings show the leakage to be:

ALPHA	BETA-GAMMA
<.0001	<.0001

µCi (Wet)

Certified By: *Renda Wasek*

Date: 02/04/15

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(Texas Radioactive License No. L03062)

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Company Name: Thelen Associates, Inc. (401)

Address: 1398 Cox Ave. City: Erlanger State: KY Zip Code: 41018-100

Isotope: Cs 137 / Am 241 Activity: 5.4 / 47.9 mCi

Source Serial No: CS71/AM83L Leak Test Date: 01/27/15

Device Serial No: M12044363

Manufacturer: CPN Model No.: MC-1

Smear Taken By: Jake Campbell

----- DO NOT WRITE BELOW THIS LINE -----

This is to certify that the above described smear/swab has been assayed at our facilities for indication of source leakage.

Our findings show the leakage to be:

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Company Name: Thelen Associates, Inc. (401)

Address: 1398 Cox Ave. City: Erlanger State: KY Zip Code: 41018-100

Isotope: Cs 137 / Am 241 Activity: 5.5 / 48.0 mCi

Source Serial No: 0185GC/AM955 Leak Test Date: 01/27/15

Device Serial No: M13115148

Manufacturer: Not Provided Model No.: Not Provided

Smear Taken By: Jake Campbell

----- DO NOT WRITE BELOW THIS LINE -----

This is to certify that the above described smear/swab has been assayed at our facilities for indication of source leakage.

Our findings show the leakage to be:

ALPHA	BETA-GAMMA
<.0001	<.0001

µCi (Wet)

Certified By: 

Date: 06/19/15

SUNTRAC Services, Inc. Representative
(Texas Radioactive License No. L03062)

3147615

Send all kits and requests to:

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1818 East Main Street
League City, TX 77573
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LEAK TEST INVENTORY/REPORT FORM

Company Name: Thelen Associates, Inc. (401)

Address: 1398 Cox Ave. City: Erlanger State: KY Zip Code: 41018-100

Isotope: Cs 137 / Am 241 Activity: 5.5 / 48.0 mCi

Source Serial No: 0157GC/AM9T Leak Test Date: 01/27/15

Device Serial No: M13115161

Manufacturer: Not Provided Model No.: Not Provided

Smear Taken By: Jake Campbell

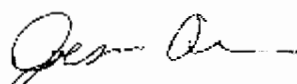
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<.0001	<.0001

µCi (Wet)

Certified By:  Date: 06/19/15

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(Texas Radioactive License No. L03062)

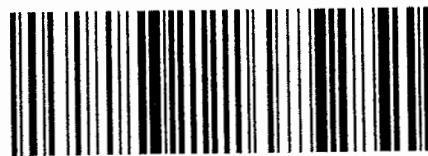
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THELEN ASSOCIATES, INC.

Geotechnical • Testing Engineers

1398 Cox Avenue
Erlanger, Kentucky 41018-1002



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