



Infrastructure · Water · Environment · Buildings

ARCADIS U.S., Inc.

824 Market Street, Suite 820

Wilmington, DE 19801

T: 302.658.1718 F: 302.658.2068

www.arcadis-us.com

Br. 3

September 17, 2013

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission, Region 1  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

Re: Malcolm Pirnie Inc. License Termination  
License Number 07-31392-01  
Docket Number 030-38179

SEP 21 10 21 AM '13

To whom it may concern:

We have decided to terminate our Radiation Safety Program and the use of portable nuclear gauges. We will no longer require a license to possess radioactive material and have transferred our licensed materials to another licensee per the attached NRC Form 314. Also attached to NRC Form 314 is the most recent leak test information for each portable gauge, including the transfer paperwork to the new licensee.

If you have any questions, please do not hesitate to contact me at 302-884-6905.

Very truly yours,  
ARCADIS U.S., Inc.

Daniel P. Cooper  
Project Engineer  
Radiation Safety Officer  
dpc

enclosures

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 Information Services 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.

## CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS

Malcolm Pirnie, Inc.  
824 Market Street, Suite 820  
Wilmington, Delaware 19801

LICENSE NUMBER

07-31392-01

DOCKET NUMBER

030-38179

LICENSE EXPIRATION DATE

December 31, 2019

**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:  
8/27/2013 - North East Technical Services, Inc - MD-13-020-01 - Kelli Rill (410) 751-5090
- ☐ 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
Daniel Cooper	Staff Buried Infrastructure Specialist	302-884-6905	daniel.cooper@arcadis-us.com

Mail all future correspondence regarding this license to:

**C. CERTIFYING OFFICIAL**

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

PRINTED NAME AND TITLE

Jason A. Nelson, Program Manager

SIGNATURE



DATE

09/17/2013

**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



## North East Technical Services, Inc

75 Aileron Court, Suite 4

Westminster, MD 21157

1-866-868-2382

Fax 410 751-5091

### **RADIOACTIVE MATERIAL TRANSFER SHEET**

#### **DEVICE BEING TRANSFERRED:**

GAUGE MODEL: 3440

SERIAL NUMBER: 19856

SOURCE SERIAL NUMBERS:

CS 75-1046

Am 47-15343

Survey reading of gauge at destination. (In mrem) Less than 5  
(Conduct survey 1 meter from shipping case)

Last Leak Test Date : 3/7/2013

#### **TRANSFERRING THE DEVICE FROM:**

Company/Entity: Arcadis U.S., Inc.

Address: 824 Market St., Suite 820  
Wilmington, DE 19801

Company representative: Daniel Cooper

Signature

#### **TRANSFERRING THE DEVICE TO:**

Company: North East Technical Services, Inc

Address: 75 Aileron Court, Suite #4  
Westminster, MD 21157

Radioactive Materials License Number: MD-13-020-01

Expiration date: 3-31-2017

DATE OF TRANSFER: 8/27/13

Company representative:

Kelli Rill

Signature

*North East Technical Services, Inc is licensed and insured and fully authorized to accept, transfer, sell and service portable nuclear density gauges under radioactive materials license# MD-13-020-01.*



**North East Technical Services, Inc.**

**75 Alleron Ct., Suite 4**

**Westminster, MD 21157**

**Ph: 410.751.5090 Fax: 410.751.5091**

**ARCADIS / Malcolm Pirnie, Inc**

**824 Market Street, Suite 820**

**Wilmington, DE 19801**

**ATTN: Daniel P. Cooper**

**Shipping Address: 824 Market Street, Suite 820**

**Wilmington, DE 19801**

## **LEAK TEST CERTIFICATE**

**MD Materials License # MD-13-020-01**

***This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removeable contamination.***

<b>Gauge Model</b>	<b>3440</b>	<b>Gauge S/N</b>	<b>19856</b>	<b>Leak Test Date</b>	<b>3/7/2013</b>
<b>Source</b>		<b>Reading in microCuries</b>			
75-1046		0.00008124			
47-15343		0.00000			

***Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source. The source(s) tested above may remain in use.***

**Reviewed by:**

*Douglas Sims*

**Date:**

**MAR 18 2013**

**Monday, March 18, 2013**



## North East Technical Services, Inc

75 Aileron Court, Suite 4

Westminster, MD 21157

1-866-868-2382

Fax 410 751-5091

### RADIOACTIVE MATERIAL TRANSFER SHEET

#### DEVICE BEING TRANSFERRED:

GAUGE MODEL: 3411

SERIAL NUMBER: 14631

SOURCE SERIAL NUMBERS: CS 50-3306 Am 47-9986

Survey reading of gauge at destination. (In mrem) Less than 5  
(Conduct survey 1 meter from shipping case)

Last Leak Test Date : 3/7/2013

#### TRANSFERRING THE DEVICE FROM:

Company/Entity: Arcadis U.S., Inc.

Address: 824 Market St., Suite 820  
Wilmington, DE 19801

Company representative: Daniel Cooper

Signature

#### TRANSFERRING THE DEVICE TO:

Company: North East Technical Services, Inc

Address: 75 Aileron Court, Suite #4  
Westminster, MD 21157

Radioactive Materials License Number: MD-13-020-01

Expiration date: 3-31-2017

DATE OF TRANSFER: 8/27/13

Company representative:

Kelli Rill

Signature

*North East Technical Services, Inc is licensed and insured and fully authorized to accept, transfer, sell and service portable nuclear density gauges under radioactive materials license# MD-13-020-01.*



**North East Technical Services, Inc.**

**75 Alleron Ct., Suite 4**

**Westminster, MD 21157**

**Ph: 410.751.5090 Fax: 410.751.5091**

**ARCADIS / Malcolm Pirnie, Inc**

**824 Market Street, Suite 820**

**Wilmington, DE 19801**

**ATTN: Daniel P. Cooper**

**Shipping Address: 824 Market Street, Suite 820**

**Wilmington, DE 19801**

## **LEAK TEST CERTIFICATE**

**MD Materials License # MD-13-020-01**

***This certifies that leak test analysis was conducted on the sample with the following information. The results shown below accurately represent the level of removeable contamination.***

<b>Gauge Model</b>	<b>3411</b>	<b>Gauge S/N</b>	<b>14631</b>	<b>Leak Test Date</b>	<b>3/7/2013</b>
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<b>Source</b>	<b>Reading in microCuries</b>
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50-3306	0.00007462
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47-9986	0.00000
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***Note: 0.005 microCuries (185 Bq) or greater is considered a leaking source. The source(s) tested above may remain in use.***

**Reviewed by:** *Douglas Sims*

**Date:** MAR 12 2013

**Tuesday, March 12, 2013**

This is to acknowledge the receipt of your letter/application dated

9/17/13, and to inform you that the initial processing which includes an administrative review has been performed.

☒ **Termination (07-31392-01)**  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 582200.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)  
(6-96)

Sincerely,  
Licensing Assistance Team Leader