

*NMSB 3*

18 January 2006  
Reference: NRC License No. 37-28528-01  
Docket No. 030-31719

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U. S. Nuclear Regulatory Commission, Region 1  
475 Allendale Road  
King of Prussia, PA 19406-1415



Dear Sirs:

Environmental Resources Management, Inc. (ERM) would like to request that the USNRC terminate our License No. 37-28528-01.

The three portable gauging devices owned by ERM under the referenced license have been transferred to North East Technical Services, Inc. of Westminster, Maryland (License No. MD-13-020-01). A completed Certificate of Disposition of Materials (NRC Form 314) is enclosed. Accompanying the completed Form 314 is a copy of the most recent leak tests performed for these sealed sources:

- Troxler Model 3430 – Serial No. 19727
- Troxler Model 3430 – Serial No. 25850
- California Pacific Nuclear Model MC-3 – serial No. 50302540

Prior to transfer, the portable gauging devices were kept in a storage facility at B&G Storage Rentals, 171 Eagleview Boulevard, Unit No. 109, Exton, Pennsylvania. The following conditions were followed during the period of storage at this facility:

- Condition 14 – The sealed sources or the source rods were never opened; the sources were never removed nor detached from the source rods or gauges.
- Condition 15 – A bi-annual physical inventory of the portable gauging devices was performed and is available for review.
- Condition 16 – The sealed sources were leak tested for leakage and/or contamination on a bi-annual basis prior to being located in this storage facility and have been transferred prior to any subsequent testing. The documentation of the results of all prior leak tests performed is available for review.

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JAN 11 11:52

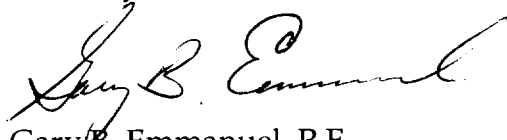
*138266*

NUCLEAR MATERIALS...

- Condition 18 - No maintenance or repair requiring the source or source rod to be detached or removed from any of the gauges was performed by ERM.

If you have any questions or require additional information regarding this request to terminate the referenced license, please feel free to contact me at (610) 524-3759.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary B. Emmanuel". The signature is fluid and cursive, with a large initial "G" and "E".

Gary B. Emmanuel, P.E.  
*Senior Associate*

enclosures: NRC Form 314  
Leak Test Certificates  
Radioactive Material Transfer Sheets  
cc: License File – 37-28528-01

## 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 Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@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

Environmental Resources Management, Inc.  
350 Eagleview Boulevard, Suite 200  
Exton, PA 19341

## LICENSE NUMBER

37-28528-01

## DOCKET NUMBER

030-31719

## LICENSE EXPIRATION DATE

December 31, 2010

## 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:

## b. Disposal of radioactive materials:

- ☐ 1. Directly by the licensee:

North East Technical Services, Inc.  
75 Aileron Court, Suite 4  
Westminster, MD 21157

- ☐ 2. By licensed disposal site:

Radioactive Material License Number: MD-13-020-01  
Company Representative: Doug Sims - 410-751-5090  
Date of Transfer: January 13, 2006

- ☐ 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: Gary B. Emmanuel, P.E. TITLE: Senior Associate

TELEPHONE (Include Area Code): 610-524-3500

E-MAIL ADDRESS: gary.emmanuel@erm.com

Mail all future correspondence regarding this license to:

Gary B. Emmanuel - Environmental Resources Management, Inc., 350 Eagleview Blvd., Suite 200, Exton, PA 19341

## C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE

Julia B. Ross, Principal

SIGNATURE

DATE

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.

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (919) 485-2250

License: NC 032-0182-1

**LEAK TEST CERTIFICATE****DEVICE:**

Model: 3430

Serial No: 19727

Sample Date: 5/6/04**SEALED SOURCES:**

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
47-15216	11/9/90	AM-241:BE	1.48	40
50-9549	11/22/90	CS-137	0.296	8

**LEAK TEST ANALYSIS:**

Sample measured on: 5/11/04 at 1:49:04 PM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.31E+01	2.11E+01
Background measurement (cpm)	1	18
Sample measurement (cpm)	0	20
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	5.6E-01	1.1E+00

This certifies that the above leak test results are:

☒ Less than 185 Bq (0.005 uCi) ☐ Greater than 185 Bq (0.005 uCi)

Certified by: Harry Pendleton

If greater than 185 Bq (0.005 uCi):

Person Notified \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ and/or Fax \_\_\_\_\_

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Tel: (877) 876-9537 Fax: (919) 485-2250

License: NC 032-0182-1

**LEAK TEST CERTIFICATE****DEVICE:**

Model: 3430

Serial No: 25850

Sample Date: 5/6/04**SEALED SOURCES:**

SERIAL NO.	MEASURE DATE	NUCLIDE	ACTIVITY	
			(GBq)	(mCi)
47-22229	11/13/95	AM-241:BE	1.48	40
75-8833	1/24/96	CS-137	0.296	8

**LEAK TEST ANALYSIS:**

Sample measured on: 5/11/04 at 1:47:50 PM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.31E+01	2.11E+01
Background measurement (cpm)	1	18
Sample measurement (cpm)	0	32
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	5.6E-01	1.1E+00

This certifies that the above leak test results are:

☒ Less than 185 Bq (0.005 uCi)☐ Greater than 185 Bq (0.005 uCi)

Certified by: Harry Pendleton

If greater than 185 Bq (0.005 uCi):

Person Notified \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ and/or Fax \_\_\_\_\_

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Research Triangle Park, NC 27709  
Tel: (877) 876-9537 Fax: (919) 485-2250

License: NC 032-0182-1

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**LEAK TEST CERTIFICATE****DEVICE:**

*CPN*  
Model: MC-3

Serial No: 50302540

Sample Date: *5/6/04*

**LEAK TEST ANALYSIS:**

Sample measured on: 5/11/04 at 1:46:36 PM

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.31E+01	2.11E+01
Background measurement (cpm)	1	18
Sample measurement (cpm)	0	15
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	5.6E-01	1.1E+00

This certifies that the above leak test results are:

☒ Less than 185 Bq (0.005 uCi)

☐ Greater than 185 Bq (0.005 uCi)

Certified by: Harry Pendleton

If greater than 185 Bq (0.005 uCi):

Person Notified \_\_\_\_\_ Date \_\_\_\_\_

Phone \_\_\_\_\_ and/or Fax \_\_\_\_\_

NETS

**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 MC-3 SERIAL NUMBER: M350302540

SOURCE SERIAL NUMBERS: Cs: 2540 Am: 2540

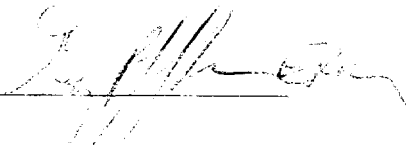
Survey reading of gauge at destination. (In mrem) Less than 5  
(Conduct survey 1 meter from shipping case)

Last Leak Test Date: 1/13/2006

**TRANSFERRING THE DEVICE FROM:**

Company/Entity: Environmental Resources Management  
Address: 350 Eagleview Blvd Suite 200  
Exton, PA 19341

Company representative: George Pfeiffer

Signature 

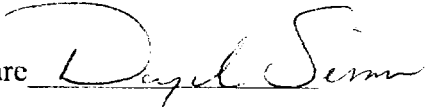
**TRANSFERRING THE DEVICE TO:**

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: 1-31-2010

DATE OF TRANSFER: 1/13/2006

Company representative: Doug Sims

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.*

NETS

**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 3430

SERIAL NUMBER: 19727

SOURCE SERIAL NUMBERS:

Cs: 50-9549

Am: 47-15216

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

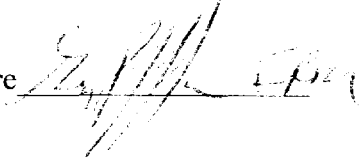
Last Leak Test Date: 1/13/2006

**TRANSFERRING THE DEVICE FROM:**

Company/Entity: Environmental Resources Management  
Address: 350 Eagleview Blvd Suite 200  
Exton, PA 19341

Company representative: George Pfeiffer

Signature



**TRANSFERRING THE DEVICE TO:**

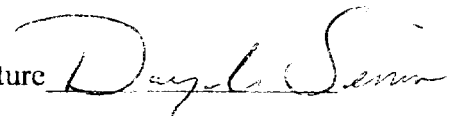
Company: North East Technical Services, Inc  
Address: 75 Aileron Court, Suite #4  
Westminster, MD 21157

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Expiration date: 1-31-2010

DATE OF TRANSFER: 1/13/2006

Company representative: Doug Sims

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.*



NETS

**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 3430

SERIAL NUMBER: 25850

SOURCE SERIAL NUMBERS:

Cs: 75-8833

Am: 47-22229

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

Last Leak Test Date: 1/13/2006

**TRANSFERRING THE DEVICE FROM:**

Company/Entity: Environmental Resources Management  
Address: 350 Eagleview Blvd Suite 200  
Exton, PA 19341

Company representative: George Pfeiffer

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

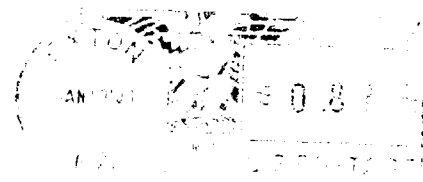
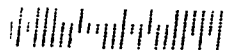
Expiration date: 1-31-2010

DATE OF TRANSFER: 1/13/2006

Company representative: Doug Sims

Signature

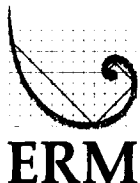
*North East Technical Services, Inc is licensed and insured and fully authorized to accept, transfer, sell and service portable nuclear density gauges under radioactive materials license# MD-13-020-01.*



138266

G. Emmanuel  
Environmental  
Resources  
Management

350 Eagleview Boulevard  
Suite 200  
Exton, PA 19341-1155



Licensing Assistant Section  
Nuclear Materials Safety Branch  
U. S. Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406-1415

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

1/18/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ TERMINATION 37-28528-01  
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** 138266.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.