



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

August 18, 2011

Ms. Cassandra F. Frazier
Materials Licensing Branch
United States Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

Dear Ms. Frazier:

SUBJECT: Termination Request for License Number 21-24958-01

We are requesting that license number 21-24958-01 be terminated. Attached are a completed "Certificate of Disposition of Materials" (NRC Form 314), copies of the most recent leak test certificates, and a letter confirming the physical transfer on August 10, 2011, of the two radioactive sources that were authorized under our NRC license (21-24958-01) to 815 Filley Street in Lansing, Michigan, as authorized under license number 21-05199-02.

Our review of 10 CFR 30.35, 30.36, and 30.51 did not identify any additional decommissioning records that required transfer to the U.S. Nuclear Regulatory Commission.

Two copies of this letter and NRC Form-314 with attachments are enclosed.

We request an expedited review of this request.

If you have any questions, please contact me via telephone; skowronek@michigan.gov; or Michigan Department of Environmental Quality, 635 Filley Street, Lansing, Michigan 48906-2908.

Sincerely,

Robert D. Skowronek
Radiation Safety Officer
NRC License 21-24958-01
517-327-2626 (Filley Street)
517-241-1253 (Constitution Hall)

RDS:
Enclosures

RECEIVED AUG 23 2011

(12-2010)
10 CFR 30.36(j)(1); 40.42(j)(1);
70.38(j)(1); and 72.54(k)(5)(1)(1)

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
MICHIGAN DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENT
635 FILLEY STREET
LANSING, MICHIGAN 48906

LICENSE NUMBER

21-24958-01

DOCKET NUMBER

LICENSE EXPIRATION DATE

JULY 31, 2013

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:

The two radioactive sources were transferred to NRC license 21-05199-02 on August 10, 2011. See attached.

- ☐ 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
ROBERT D. SKOWRONEK	RADIATION SAFETY OFFICER	(517) 241-1253	SKOWRONEKR@MICHIGAN.GOV

Mail all future correspondence regarding this license to:

ROBERT D. SKOWRONEK, 635 FILLEY STREET, LANSING, MICHIGAN 48906

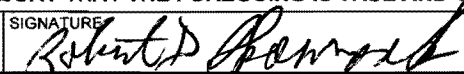
C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE

ROBERT D. SKOWRONEK, RADIATION SAFETY OFFICER

SIGNATURE



DATE

8-18-2011

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.

Tracer Technologies International, Inc.

26800 Fargo Ave. Suite B
Cleveland, Ohio 44146
Phone (216) 464-9300
Fax (216) 464-6141

CERTIFICATE OF LEAK TEST

DNRE
635 Filley Street
Lansing, MI 48906

This sealed source was tested for leakage of its radioactive material as follows:

Manufacturer:	DuPont	Serial #:	CS1679
Model #:	NER-572	millicuries:	5
Radioisotope:	Cs-137	Tested By:	Warren Rogers
Source Location:	Rose Lake Warehouses	Test Number:	
Test Date:	6/29/11		

The total removable amount of activity was analyzed to be:

0.0000 microcuries

Laboratory Analysis Number AAR264 **Method:** X Wipe Other

 Analysis indicated 0.005 microcurie or more of removable radioactivity. NRC/Agreement State regulations require that the source be removed from service and decontaminated or repaired or replaced as appropriate. Notify the proper regulatory agency about leaking source.

 X Analysis indicated less than 0.005 microcurie of removable radioactivity. The source may continue to be properly used. The source is due for leak testing on or before: **29-Dec-11**.

Analyzed By:

Approved By:

Signature:

Name: Wallace R. Loder, Jr.

Date: 01-Jul-11

Signature:

Name: Wallace R. Loder, Jr.

Title: Radiation Safety Officer

This certificate should be retained for inspection by appropriate regulatory agency.

The above analysis was performed on a Packard Instruments 2300TR Liquid Scintillation Counter.

It is calibrated by a NIST traceable standard for the isotope defined above.

This Leak Test Evaluation is authorized by the
State of Ohio Department of Health
Bureau of Radiation Protection
License # 03225180072

Tracer Technologies International, Inc.

26800 Fargo Ave. Suite B
Cleveland, Ohio 44146
Phone (216) 464-9300
Fax (216) 464-6141

CERTIFICATE OF LEAK TEST

DNRE
635 Filley Street
Lansing, MI 48906

This sealed source was tested for leakage of its radioactive material as follows:

Manufacturer:	Gulf Nuclear	Serial #:	71-1-012C
Model #:	71-1	millicuries:	1000
Radioisotope:	Am-241	Tested By:	Warren Rogers
Source Location:	Rose Lake Warehouses	Test Number:	
Test Date:	6/29/11		

The total removable amount of activity was analyzed to be:

0.0000 microcuries

Laboratory Analysis Number AAR265 **Method:** X Wipe Other

 Analysis indicated 0.005 microcurie or more of removable radioactivity. NRC/Agreement State regulations require that the source be removed from service and decontaminated or repaired or replaced as appropriate. Notify the proper regulatory agency about leaking source.

X Analysis indicated less than 0.005 microcurie of removable radioactivity. The source may continue to be properly used. The source is due for leak testing on or before: **29-Dec-11**.

Analyzed By:

Approved By:

Signature: WRL

Name: Wallace R. Loder, Jr.

Date: 01-Jul-11

Signature: Wallace Loder Jr

Name: Wallace R. Loder, Jr.

Title: Radiation Safety Officer

This certificate should be retained for inspection by appropriate regulatory agency.

The above analysis was performed on a Packard Instruments 2300TR Liquid Scintillation Counter.

It is calibrated by a NIST traceable standard for the isotope defined above.

This Leak Test Evaluation is authorized by the
State of Ohio Department of Health
Bureau of Radiation Protection
License # 03225180072



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

August 12, 2011

Remediation Division
Michigan Department of Environmental Quality
635 Filley Street
Lansing, Michigan 48906

Regarding: Transfer of Radioactive Sources from U.S. Nuclear Regulatory
Commission License 21-24958-01

This is to provide written confirmation that the following radioactive sources were received on August 10, 2011 at our facility at 815 Filley Street, Lansing, Michigan and are now in storage. Possession of these sources is authorized under our U.S. Nuclear Regulatory Commission (NRC) license 21-05199-02. We provided you a copy of Amendment 34 to our NRC license on August 5, 2011.

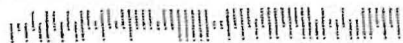
1. Gulf Nuclear, Inc. Model 71-1 Serial Number 71-1-012C containing 37 gigabecquerels (1 Curie) of americium-241.
2. New England Nuclear (DuPont) Model NER-572 Serial Number CS1679 with a current activity of 107 megabecquerels (2.9 millicuries) of cesium-137.

If you have any questions about this matter, please contact me via telephone; skowronekr@michigan.gov; or DEQ, P.O. Box 30241, Lansing Michigan 48909-7741.

Sincerely,

Robert D. Skowronek
Radiation Safety Officer
NRC License 21-05199-02
517-327-2626 (Filley Street)
517-241-1253 (Constitution Hall)

RDS:JK



WASHINGTON, DC 20540
FRI 19 AUG 2011

FROM:



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDATION DIVISION
GEOLOGICAL SERVICES UNIT
635 FILLEY STREET
LANSING, MI 48906

TO:

CASSANDRA FRAZIER
MATERIALS LICENSING BRANCH
US NUCLEAR REG COMM-REG III
2443 WARRENVILLE RD STE 210
LISLE IL 60532-4352