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# facsimile transmittal

To: NRC Fax: 16305151078

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From: Laura T. Smith Date: August 29, 2012

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Re: Pages: 7 total including this one

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CC:

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For Review    
 Please Comment    
 Please Reply    
 Please Recycle

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Please confirm receipt via email [lsphysics@att.net](mailto:lsphysics@att.net) of all 7 pages, I am leaving for out of town, and I need to be sure you have this, especially since the cutoff for payment for 2013 is Sept 1<sup>st</sup>, this way if you receive it prior to this date, the facility – which is closed will not have to pay for 2013 fees.

Thank you  
Laura  
[lsphysics@att.net](mailto:lsphysics@att.net)

⋮

NRC FORM 314  
(05-2012)  
10 CFR 30.38(j)(1); 40.42(j)(1);  
70.38(j)(1); and 72.54(e)(5)(1)(i)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3160-0028

EXPIRES: 10/31/2013

### 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 Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to [InfoCollect.Resource@nrc.gov](mailto:InfoCollect.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

Trenton Testing Center, LLC  
3851 West Road  
Suite 4  
Trenton, MI 48183

LICENSE NUMBER

21-32635-01

DOCKET NUMBER

LICENSE EXPIRATION DATE

January 31, 2017

**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:  
Radiological Physics Service, 3839 Napier Rd, Plymouth, MI 48170 # 21-26253-01
  - 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
Laura T. Smith	RSO	(586) 215-5947	lsphysics@att.net

Mail all future correspondence regarding this license to:  
50292 Rose Marie, Chesterfield, MI 48047

**C. CERTIFYING OFFICIAL**

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

PRINTED NAME AND TITLE

Laura T. Smith

SIGNATURE

DATE

8/29/2012

**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.**



## Radiological Physics Service, Inc.

3839 Napier Road  
Plymouth, MI 48170  
(734) 455-4730  
Fax: (734) 453-8851

August 29, 2012

U. S. NUCLEAR REGULATORY COMMISSION  
Region III  
Materials Licensing Branch  
2443 Warrenville Road, Ste 210  
Lisle, IL 60532-4352

### PHYSICISTS:

#### MICHIGAN

*Ray A. Carlson, M.S.*  
Cell: (734) 395-7361  
rcarlson@att.net

*Laura T. Smith, M.S.*  
Cell: (586) 215-5947  
Pager: (313) 609-2038  
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*Vincent McCormick, M.S.*  
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#### MONTANA/CALIFORNIA

*Bruce Austin, PhD*  
Cell: (909) 273-4613  
baustin1@earthlink.net

RE: Decommission and closing of location 3851 West Road, Ste 4, Trenton, MI 48183 #21-32635-01

We request approval of a decommission and termination of license at location 3851 West Road, Ste 4, Trenton, MI 48183 #21-32635-01. The licensee has decommissioned and permanently closed.

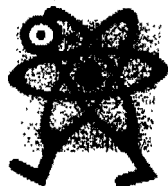
All radioactive activities at this location ceased at the end of business day June 9, 2012, the area was decommissioned on August 24, 2012 by site Radiation Safety Officer Laura T. Smith, MS, DABR – Physicist. The location was only using Tc99m at the location and sealed sources for equipment quality control.

There were never any leaking sealed sources for this location. All sealed sources were accounted for, leak tested, and then transferred to Radiological Physics Service, 3839 Napier Rd, Plymouth, MI 21-26253-01. All sealed sources were accounted for after the transfer and re-leak tested, none were leaking.

All facility surveys and wipes tests prove to be below background measurements. A map of the decommissioned facility is attached.

1. A comprehensive survey of the entire camera lab room, hot lab, patient stress lab room area, tech area, patient injection area. A battery, background, check-source, survey method was used, at the most sensitive setting. All survey results proved to be below background measurements. See results below and locations are corresponding to the map. The camera and equipment was originally surveyed and wipe tested on June 13, 2012 to assure there was no contamination, since the equipment was scheduled to be sold and moved in the month of July. The facility was again surveyed and wipe tested on August 24, 2012 as a final decommission.
2. Wipe tests were counted in an Atomlab well for 1 minute each for both dates.

Background = 0 dpm  
Efficiency = 1.4dpm/cpm  
Window = 0 - 600keV



These areas were both surveyed and wipe tested on June 13, and August 24, 2012

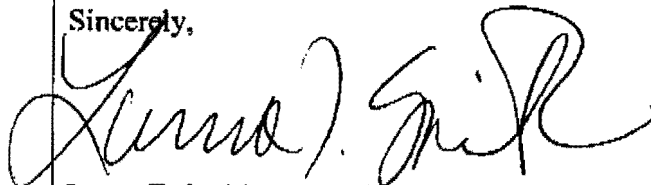
Area/Location	well	Survey Meter	ludlum14C EWGM
Background	415 cpm		0.03mR/hour
1. Hot Lab entrance door	0 net cpm/dpm		0.03mR/hour
2. Hot Lab dose prep area	0 net cpm/dpm		0.03mR/hour
3. Hot Lab dose prep area	0 net cpm/dpm		0.03mR/hour
4. Hot Lab floor	0 net cpm/dpm		0.03mR/hour
5. Gamma Camera floor	0 net cpm/dpm		0.03mR/hour
6. Gamma Camera table	0 net cpm/dpm		0.03mR/hour
7. Stress lab treadmill floor	0 net cpm/dpm		0.03mR/hour
8. Stress lab treadmill	0 net cpm/dpm		0.03mR/hour
9. Stress room patient table	0 net cpm/dpm		0.03mR/hour
10. Tech work area	0 net cpm/dpm		0.03mR/hour
12. Door	0 net cpm/dpm		0.03mR/hour (radiation never used in this area)
12. Hallway	0 net cpm/dpm		0.03mR/hour (radiation never used in this area)
13. Reception Desk Area	0 net cpm/dpm		0.03mR/hour (radiation never used in this area)

All wipes were below our 2000 DPM limit; in fact they were all below background, which left 0dpm results. All wipe areas were also surveyed with a GM survey meter and all areas recorded at or less than 0.03 mR/hr.

3. All RAM labeling on the exterior windows walls was demarcated and removed.
4. All leak testing was back ground, no sealed sources were found leaking. All sealed sources were counted and confirmed and inventoried. All sealed sources were then transferred by Laura T. Smith, MS, DABR the site physicist and radiation safety officer. At the new location (RPS) #21-26253-01 the sealed sources were again counted, confirmed, inventoried and then leak tested, again all were accounted for and no sealed sources were leaking. Inventories and leaks tests for before and after move are attached.
5. There was only decayed to background syringes in radioactive waste storage, and those were also surveyed by Laura Smith site physicist, and then demarcated and placed in regular sharpie collection.
6. All radio pharmacy transport cases were empty, and surveyed at background, then transferred by Laura T. Smith, MS, DABR – physicist to the license at 21-26253-01.
7. No PET material was ever used at this facility ever.

If there are any further questions please contact our physicist and Radiation Safety Officer Laura T. Smith, MS, DABR at [lsphysics@att.net](mailto:lsphysics@att.net).

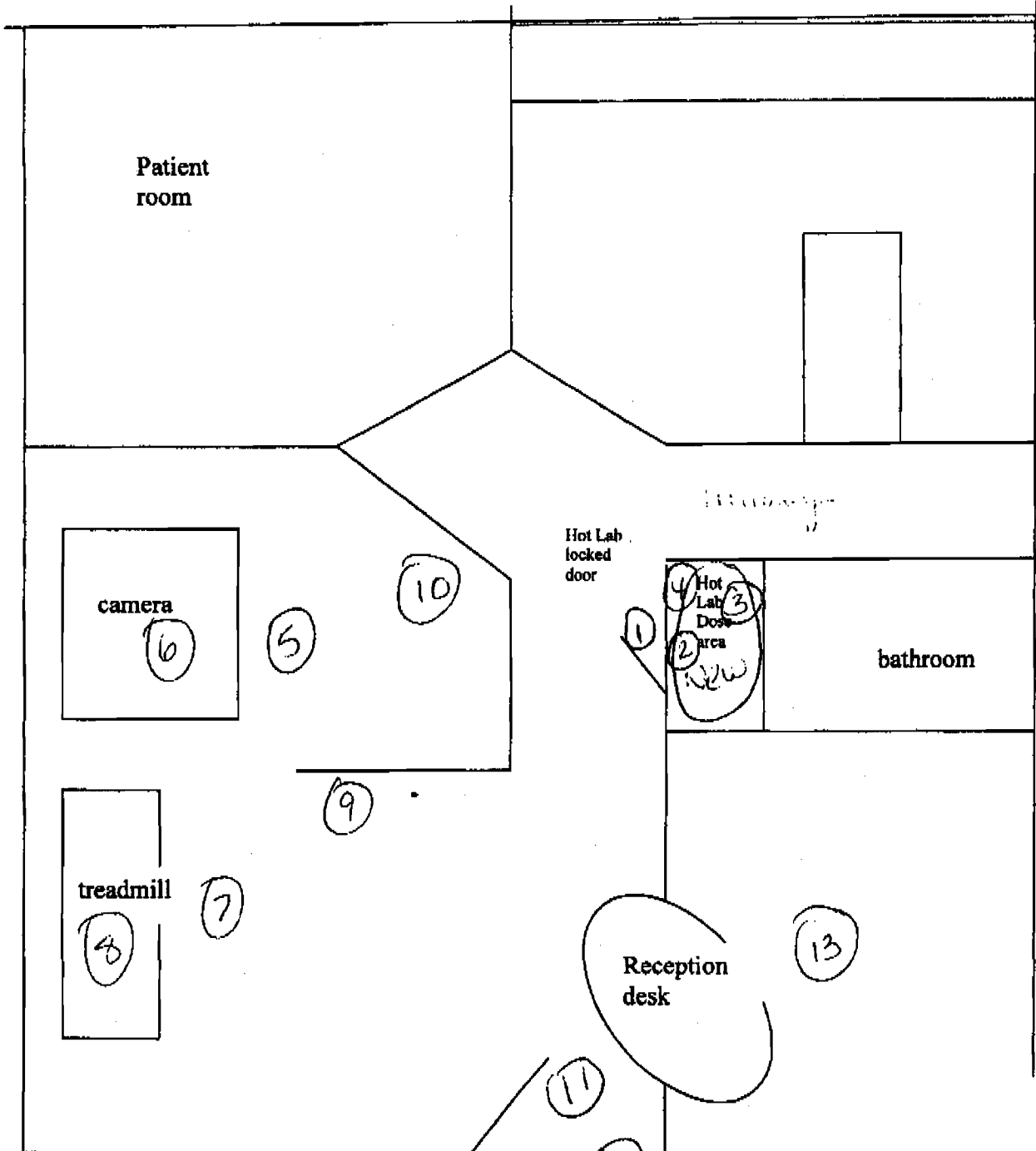
Sincerely,



Laura T. Smith, MS, DABR  
Consulting Physicist/ RSO

Trenton Testing Center, 3851 West Road, Suite #4, Trenton, MI USNRC #21-32635-01  
New Map 2011

UPDATED MAP

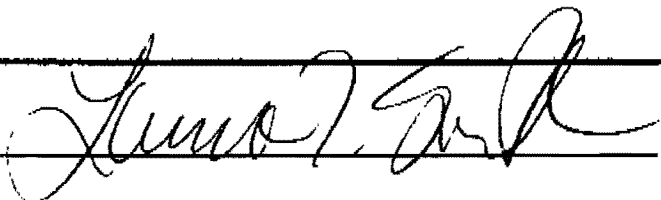


As close to main as I could.  
NO DET material ever used at  
facility ever.

**Location:** Trenton Testing, LLC #21-32635-01 **Date of Inspection:** August 24, 2012

**SEALED SOURCE INVENTORY**

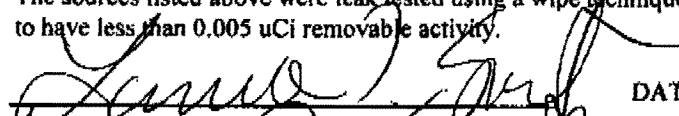
NUCLIDE	TYPE	LOCATION	CALIBRATION		MFGR	M/N	S/N
			ACTIVITY	DATE			
Cs-137	Vial	Hot Lab	212.8 uCi	12/1/2006	NAS	MED 3550	101390
Ba-133	Vial	Hot Lab	266.8 uCi	12/1/2006	NAS	MED 3550	101369
Cs-137	Rod	Hot Lab	0.5 uCi	12/1/2006	IPL	GF-0008	1194-92-16
Co-57	Flood	Hot Lab	7.5 mCi	1/21/2007		MED 3727	103573
Co-57	Flood	Hot Lab	10 mCi	7/1/2009	Eckert&Ziegler	3727ad0101mn	1338049

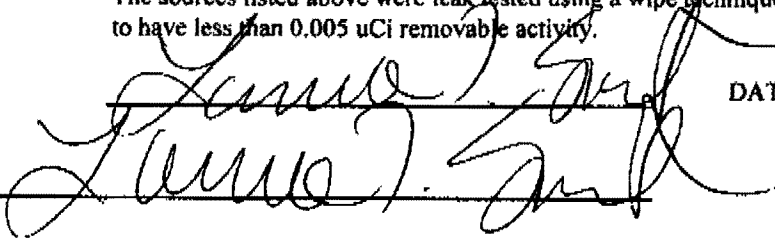
RSO: 

**SEALED SOURCE LEAK TEST**

NUCLIDE	TYPE	LOCATION	CALIBRATION		MFGR	M/N	S/N
			ACTIVITY	DATE			
Cs-137	Vial	Hot Lab	212.8 uCi	12/1/2006	NAS	MED 3550	101390
Ba-133	Vial	Hot Lab	266.8 uCi	12/1/2006	NAS	MED 3550	101369
Cs-137	Rod	Hot Lab	0.5 uCi	12/1/2006	IPL	GF-0008	1194-92-16
Co-57	Flood	Hot Lab	7.5 mCi	1/21/2007		MED 3727	103573
Co-57	Flood	Hot Lab	10 mCi	7/1/2009	Eckert&Ziegler	3727ad0101mn	1338049

**COMMENT:** The sources listed above were leak tested using a wipe technique and were found to have less than 0.005 uCi removable activity.

**TESTED BY:**  **DATE:** August 24, 2012

RSO: 

Nuclear License Number: 21-32635-01

Location: RPS #21-26253-01 Date of Inspection: August 24, 2012

ADDED TO SEALED SOURCE INVENTORY

NUCLIDE	TYPE	LOCATION	CALIBRATION ACTIVITY	CALIBRATION DATE	MPGR	M/N	S/N
Cs-137	Vial	Hot Lab	212.8 uCi	12/1/2006	NAS	MED 3550	101390
Ba-133	Vial	Hot Lab	266.8 uCi	12/1/2006	NAS	MED 3550	101369
Cs-137	Rod	Hot Lab	0.5 uCi	12/1/2006	IPL	GF-0008	1194-92-16
Co-57	Flood	Hot Lab	7.5 mCi	1/21/2007		MED 3727	103573
Co-57	Flood	Hot Lab	10 mCi	7/1/2009	Eckart&Ziegler	3727ad0101mn	1338049

RSO: Ray A. Cochran, MS

SEALED SOURCE LEAK TEST

NUCLIDE	TYPE	LOCATION	CALIBRATION ACTIVITY	CALIBRATION DATE	MPGR	M/N	S/N
Cs-137	Vial	Hot Lab	212.8 uCi	12/1/2006	NAS	MED 3550	101390
Ba-133	Vial	Hot Lab	266.8 uCi	12/1/2006	NAS	MED 3550	101369
Cs-137	Rod	Hot Lab	0.5 uCi	12/1/2006	IPL	GF-0008	1194-92-16
Co-57	Flood	Hot Lab	7.5 mCi	1/21/2007		MED 3727	103573
Co-57	Flood	Hot Lab	10 mCi	7/1/2009	Eckart&Ziegler	3727ad0101mn	1338049

COMMENT: The sources listed above were leak tested using a wipe technique and were found to have less than 0.005 uCi removable activity.

TESTED BY: [Signature] DATE: August 24, 2012

RSO: Ray A. Cochran, MS

Nuclear License Number: 21-26253-01

Radiological Physics Service, Inc.