


<p><b>NRC FORM 314</b> (02-2014) 10 CFR 30.36(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(k)(5)(1)(1)</p> 	<p><b>U.S. NUCLEAR REGULATORY COMMISSION</b></p> <p><b>CERTIFICATE OF DISPOSITION OF MATERIALS</b></p>	<p><b>APPROVED BY OMB: NO. 3150-0028</b>      <b>EXPIRES: 02/28/2017</b></p> <p><small>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 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to <a href="mailto:InfoCollect.Resource@nrc.gov">InfoCollect.Resource@nrc.gov</a>, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10262, (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.</small></p>
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<p><b>LICENSEE NAME AND ADDRESS</b></p> <p>Macomb Imaging Center 38600 Van Dyke, Ste 140 Sterling Hgts, MI</p>	<p><b>LICENSE NUMBER</b></p> <p style="text-align: center;">21-32325-01</p>	<p><b>DOCKET NUMBER</b></p>
	<p><b>LICENSE EXPIRATION DATE</b></p> <p style="text-align: center;">11/30/2021</p>	

**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 #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.

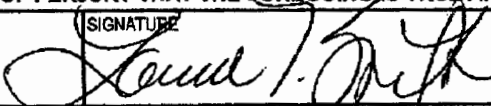
The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Laura T. Smith	RSO	5868083058	lsphysics@att.net

Mail all future correspondence regarding this license to:  
 RPS, 3839 Napier Road, Plymouth, MI 48170

**C. CERTIFYING OFFICIAL**

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

PRINTED NAME AND TITLE	SIGNATURE	DATE
Laura T. Smith		9/1/2015

**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.**



## Radiological Physics Service, Inc.

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

### PHYSICISTS:

#### MICHIGAN

*Ray A. Carlson, M.S.*  
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#### MONTANA/CALIFORNIA

*Bruce Austin, PhD*  
Home: 406-328-6963  
baustin1@earthlink.net

Date: September 1, 2015

United States Nuclear Regulatory Commission  
Region III  
Materials Licensing Branch  
2443 Warrenville Road, Ste 210  
Lisle, IL 60532-4352

RE: Macomb Imaging Center, LLC 38600 Van Dyke, Ste 140, Sterling Hgts, MI  
USNRC #21-32325-01 termination of license.

This is to inform you - Nuclear facility located at 38600 Van Dyke, Ste 140, Sterling Hgts, MI USNRC #21-32325-01 has been decommissioned and is terminating their license. Since this site is now closed, please send the final termination paperwork, and direct any questions to me regarding this termination. My email is [Lsphysics@att.net](mailto:Lsphysics@att.net), my cell phone is 586 808 3058, my mailing address is noted above.

The decommission was performed by Laura T. Smith MS, DABR, on August 20, 2015. Tc-99m was the only isotopes used at the facility, which ceased use and treating patients August 6, 2015. Tl-201 was not used at the facility ever. All surveys and wipes tests prove to be below background measurements. No F-18 was ever used at the site.

All radioactive materials was transferred to Radiological Physics Service for storage, and added to their inventory confirmed.

Thank you,

Laura T. Smith, MS, DABR  
Radiation Safety Officer





### Radiological Physics Service, Inc.

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

Date: August 20, 2015

RE: Macomb Imaging Center, LLC 38600 Van Dyke, Ste 140, Sterling Hgts, MI  
USNRC #21-32325-01

This is to inform you - Nuclear facility located at 38600 Van Dyke, Ste 140, Sterling Hgts, MI USNRC #21-32325-01 has been decommissioned. The decommission was performed by Laura T. Smith MS, DABR, on August 20, 2015. Tc-99m was the only isotopes used at the facility, which ceased use and treating patients August 6, 2015. TI-201 was not used at the facility ever. All surveys and wipes tests prove to be below background measurements. No F-18 was ever used at the site. The following methodology was performed:

#### PHYSICISTS:

##### MICHIGAN

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baustint@earthlink.net

1. A comprehensive survey of the entire imaging and stress treadmill area was performed using a GM end window survey meters. A battery, background, check-source, survey method was used, at the most sensitive setting. All survey results proved to be below background measurements. (Survey locations are indicated on attached map). The following meter was used:

a. Ludlum GM 14C recently calibrated.

2. Wipe tests were performed on ten locations (indicated on attached map). Wipe tests were counted per departmental wipe test procedures then again in a in a Capintec Well Counter.

Area/Location	Capintec well	Survey meter
Background	303 cpm	0.03 mR/hr
1. Treadmill Room	0 net cpm/dpm	0.03 mR/hr
2. Treadmill floor	0 net cpm/dpm	0.03 mR/hr
3 - General floor area	0 net cpm/dpm	0.03 mR/hr
4 - HotLab counter	0 net cpm/dpm	0.03 mR/hr
5 - Floor in front of door	0 net cpm/dpm	0.03 mR/hr
6 - Gamma Camera	0 net cpm/dpm	0.03 mR/hr
7 - Gamma Camera floor	0 net cpm/dpm	0.03 mR/hr
8 - Imaging/HotLab floor	0 net cpm/dpm	0.03 mR/hr
9 - Reception area	0 net cpm/dpm	0.03 mR/hr
10 - Physician work area	0 net cpm/dpm	0.03 mR/hr

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

4. All RAM labeling was demarcated and removed.

5. Sealed sources were leak tested and none were found leaking, no sources were ever leaking at this location. Sealed sources were then transferred to Radiological Physics Service, Inc, 3839 Napier Road, Plymouth, MI location for storage. Sealed source inventory attached. NRC# 21-26253-01

If there are any further questions please contact survey nuclear medical physicist Laura T. Smith, MS, DABR at (586) 808 3058.



Location: Macomb Imaging Center, LLC Date of Inspection: 8/20/2015

Before Move at location 38600 Van Dyke, Ste 140, Sterling heights, Mi 48312  
**SEALED SOURCE INVENTORY and LEAK TESTS**

NUCLIDE	TYPE	LOCATION	CALIBRATION		MFGR	M/N	S/N
			ACTIVITY	DATE			
Cs-137	Vial	Hot Lab	218.2uCi	8/1/2001	IPL		734-49-32
Ba-133	Vial	Hot Lab	274.9uCi	7/1/2001	IPL		747-39-9
Co-57	Flood	Storage	10mCi	8/1/2010	Eck & Zieg	NES-392	1454-112
Co-57	Flood	Storage	10mCi	1/1/2014	Eck & Zieg	MED 3709	1700-036
Cs-137	Rod	Hot Lab	500nCi	1/1/2004	IPL		780-68-97
Cs-137	Rod	Hot Lab	500nCi	6/1/2001	IPL		800.4

Performed by: Laura T. Smith, MS

Date Tested: 8/20/2015

RSO: 

Comments: The sources listed above were leak tested using an alcohol wipe and were found to have less than 0.005 uCi removable activity.

After Move at location RPS, 3839 Napier Road, Plymouth, MI 48312  
**added to current site INVENTORY and these source were SEALED SOURCE LEAK TESTED**

NUCLIDE	TYPE	LOCATION	CALIBRATION		MFGR	M/N	S/N
			ACTIVITY	DATE			
Cs-137	Vial	Hot Lab	218.2uCi	8/1/2001	IPL		734-49-32
Ba-133	Vial	Hot Lab	274.9uCi	7/1/2001	IPL		747-39-9
Co-57	Flood	Storage	10mCi	8/1/2010	Eck & Zieg	NES-392	1454-112
Co-57	Flood	Storage	10mCi	1/1/2014	Eck & Zieg	MED 3709	1700-036
Cs-137	Rod	Hot Lab	500nCi	1/1/2004	IPL		780-68-97
Cs-137	Rod	Hot Lab	500nCi	6/1/2001	IPL		800.4

RSO: 

# 21-26253-01

Performed by: Laura T. Smith, MS

Date Tested: 8/20/2015

Comments: The sources listed above were leak tested using an alcohol wipe and were found to have less than 0.005 uCi removable activity.

FAX

TO: NRC 630 515 1078  
licence termination

FROM:

LAURA SMITH

RSD # 566 808 3658

lsphysics@att.net

Pages 5 total  
inc this cover sheet