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October 11, 2007

UNITED STATES NUCLEAR REGULATORY COMMISSION  
Region III, Materials Licensing Section  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

**Re: Closeout of location and removal of physician authorized user.  
License No. 21-26543-01, West Michigan Heart, P.C.**

1. Please remove the 1945 Boston SE, Suite G-1, Grand Rapids, MI location from our license. A close out of the location is enclosed for your review.
2. Remove Dr. LaPenna as authorized user. He is no longer at our facility.

**Please review the closeout as soon as possible. The building will be transferred to a new owner on October 30, 2007.**

Thank you for your cooperation in this matter. If you have any questions, please contact our consulting physicist, Dawn Edwards at 734-662-3197.

Sincerely,

Suzette Jaskie, CEO  
West Michigan Heart, PC  
(616)885-5000



**BRADFORD**

2900 Bradford St. NE  
Grand Rapids, MI 49525  
Phone (616) 885-5000  
Fax (616) 885-5020



**BUSINESS OFFICE**

P.O. Box 152057  
Grand Rapids, MI 49515-2057  
Phone (616) 752-5000  
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Toll Free Phone (866) 752-5002



**METROPOLITAN**

1945 Boston SE, Suite 201  
Grand Rapids, MI 49506  
Phone (616) 241-2333  
Fax (616) 452-6767



**HOLLAND**

904 S. Washington, Suite 120  
Holland, MI 49423  
Phone (616) 392-3824  
Fax (616) 392-3570



**GREENVILLE**

709 S. Greenville West Drive  
Greenville, MI 48838  
Phone (616) 754-3880  
Fax (616) 754-8941

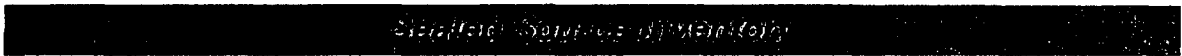
**OTHER LOCATIONS**

Big Rapids, Canadian Lakes, Edmore, Fremont, Hastings, Ionia, Reed City, Sheridan, Zeeland

[www.wmheart.com](http://www.wmheart.com)

RECEIVED OCT 15 2007

Medical Physics Consultants, Inc.



Licensee: West Michigan Heart (Metro Site)

Date: 07/30/07

Performed by: Dawn Edwards

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	222.4 uCi	11/01/01	Nuc Med		787-31-16
Ba-133	Vial	248.2 uCi	10/01/01	Nuc Med		787-12-15
Cs-137	Rod	0.5 uCi	10/01/01	Nuc Med		800-4
Cs-137	Spot	1 uCi		Meter		99-2499
Co-57	Flood	7.5 mCi	01/07/07	Nuc med	NES 8495	1227-103

SEALED SOURCE AMBIENT EXPOSURE SURVEY

Meter: Ludlum 14C

Max Reading: 0.02 mR/hr

RADIATION SAFETY OFFICER: \_\_\_\_\_

*[Handwritten Signature]* 10/11/07

Medical Physics Consultants, Inc.

**Sealed Source Leak Test**

Licensee: West Michigan Heart (Metro Site)

Date: 07/30/07

Performed by: Dawn Edwards

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Cs-137	Vial	222.4 uCi	11/01/01	Nuc Med		787-31-16
Ba-133	Vial	248.2 uCi	10/01/01	Nuc Med		787-12-15
Co-57	Flood	7.5 mCi	01/07/07	Nuc med	NES 8495	1227-103

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were completed.

Well Counter: Captus 3000

<u>Nuclide</u>	MDA	Background
Cs-137	$2.0 \times 10^{-4}$ uCi	145 counts/1 min
Ba-133	$8.8 \times 10^{-5}$ uCi	204 counts/1 min
Co-57	$1.7 \times 10^{-5}$ uCi	53 counts/1 min

**RADIATION SAFETY OFFICER:** \_\_\_\_\_

### Close-out Survey

Nuclear Medicine Department  
1945 Boston SE Suite G-1  
Grand Rapids, MI

Date Performed: September 26, 2007

Performed By: Christine Bopp, Nuclear Medicine Technologist

Wipe tests were analyzed with a Capintec CRC 15W Well Counter

Surveys were performed using a Ludlum 14C survey meter. Range used was 0-0.2 mR/hr. The meter was last calibrated on 01/17/07.

#### Visual Check

The area was checked to ensure that all radioactive materials had been removed. Only Technetium-99m radiopharmaceuticals were used in this office. Sealed sources used for calibration were transferred to the 5900 Byron Center Avenue, Wyoming Michigan location. A copy of the most recent sealed source inventory and leak test is enclosed. This facility has not had any history of leaking sources.

#### Radiation Level Survey

No area within the office demonstrated radiation levels in excess of the background reading of 0.01 mR/hr.

Removable Contamination

1 minute counts

Background 0 dpm

Area Results in dpm

**Imaging Room:**

<b>Area</b>	<b>Result</b>
1	0 dpm
2	0 dpm
3	0 dpm
4	0 dpm
5	0 dpm
6	0 dpm
7	0 dpm
8	13 dpm
9	0 dpm
10	0 dpm

**Exam Room (Room 1):**

<b>Area</b>	<b>Result</b>
1	0 dpm
2	0 dpm
3	0 dpm
4	0 dpm
5	0 dpm
6	0 dpm
7	0 dpm
8	0 dpm
9	0 dpm
10	0 dpm

**Echo/ Stress Room (Room 2):**

<b>Area</b>	<b>Result</b>
1	0 dpm
2	0 dpm
3	0 dpm
4	0 dpm
5	0 dpm
6	0 dpm
7	0 dpm
8	0 dpm
9	2 dpm

**Nuclear Stress (Room 3):**

<b>Area</b>	<b>Result</b>
1	8 dpm
2	0 dpm
3	0 dpm
4	0 dpm
5	0 dpm
6	0 dpm
7	0 dpm
8	0 dpm
9	0 dpm
10	0 dpm

**Exam Room (Room 4):**

<b>Area</b>	<b>Result</b>
1	0 dpm
2	0 dpm
3	5 dpm
4	0 dpm
5	0 dpm
6	0 dpm
7	0 dpm
8	0 dpm
9	9 dpm

**Treadmill Room (Room 6):**

<b>Area</b>	<b>Result</b>
1	0 dpm
2	0 dpm
3	0 dpm
4	0 dpm
5	0 dpm
6	0 dpm
7	0 dpm
8	0 dpm
9	0 dpm

**Maximum removable contamination: 13 dpm**

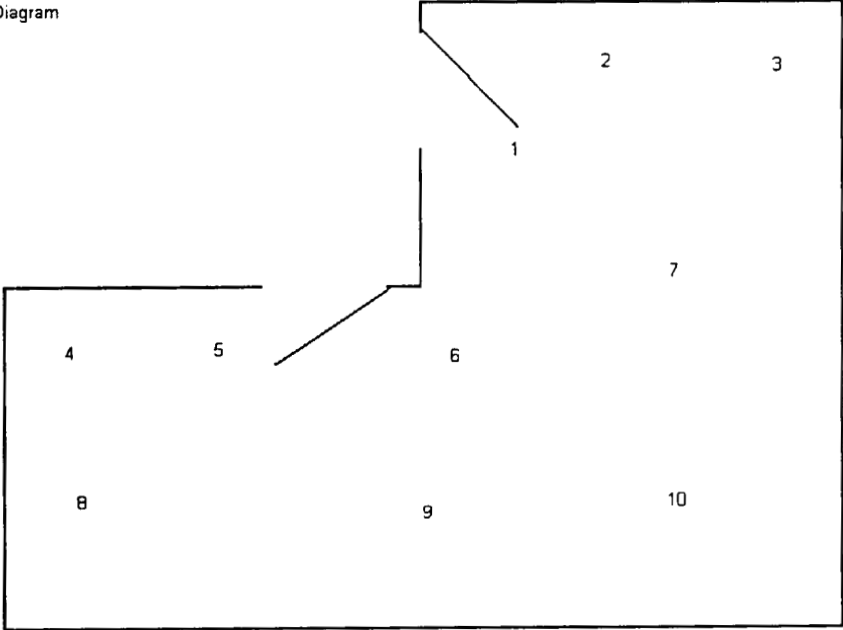
Diagrams of the survey areas are enclosed.

Conclusion

No removable contamination is present.

West Michigan Heart  
1945 Boston SE Location  
Closeout Diagram – Imaging Room

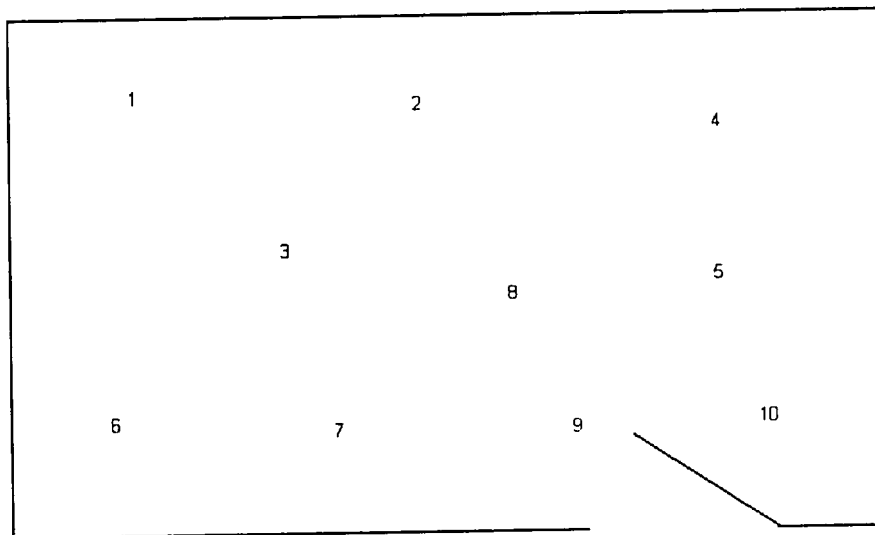
Imaging Room  
Closeout Diagram





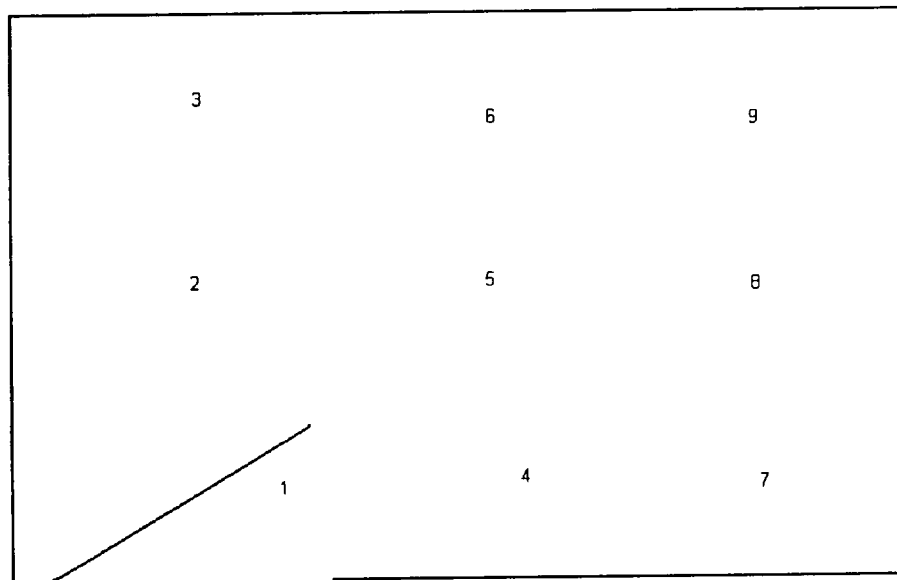
West Michigan Heart  
1945 Boston SE Location  
Closeout Diagram – Room 1

Room 1  
Closeout Diagram



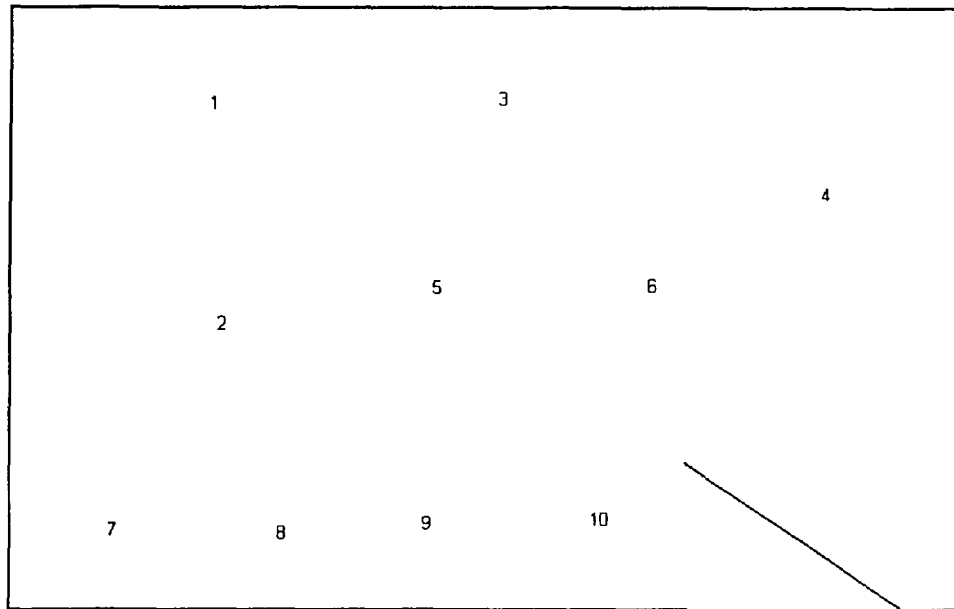
West Michigan Heart  
1945 Boston SE Location  
Closeout Diagram – Room 2

Room 2  
Closeout Diagram



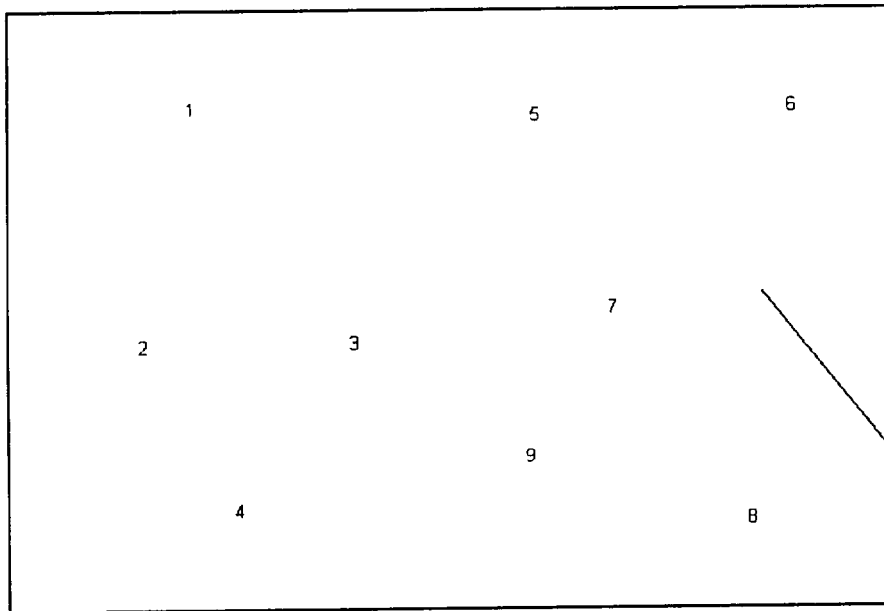
West Michigan Heart  
1945 Boston SE Location  
Closeout Diagram – Room 3

Room 3  
Closeout Diagram



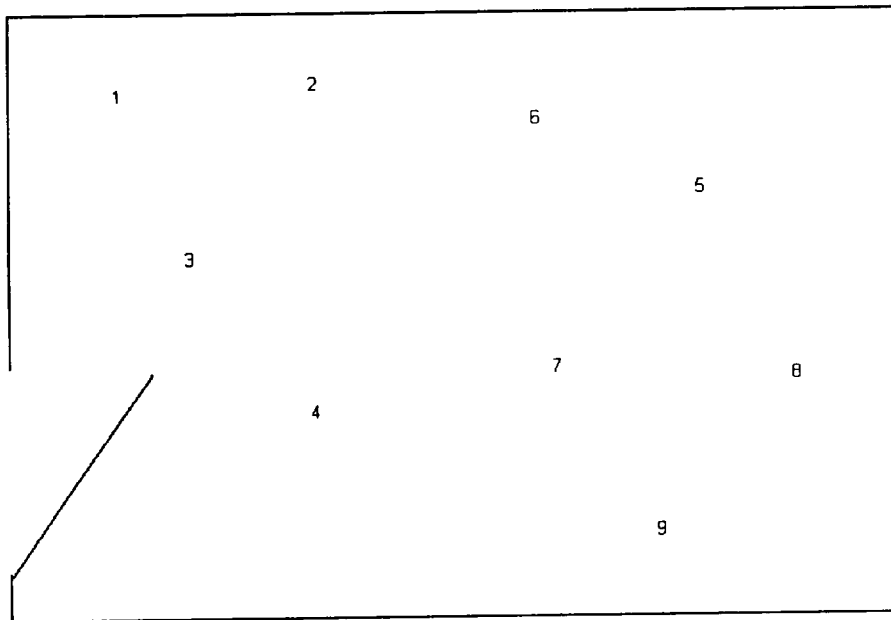
West Michigan Heart  
1945 Boston SE Location  
Closeout Diagram – Room 4

Room 4  
Closeout Diagram



West Michigan Heart  
1945 Boston SE Location  
Closeout Diagram – Room 6

Room 6  
Closeout Diagram

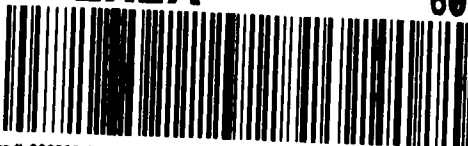


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