

# HEART CARE

Creagh E. Milford, D.O. • Leonard C. Salvia, D.O. • J. Quen Dickey, Jr., D.O.  
Mark P. Stuart, D.O. • Keith V. Atkinson, D.O.

September 8, 2015

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

Re: Close-out surveys for NRC License No. 21-25851-01

Dear Sir/Madam:

Please amend our NRC license to reflect the close-out of Room 5 – Treadmill room.

The results of the close-out surveys are enclosed for your review.

Thank you for your cooperation with this matter. If you have any questions or require additional information please contact our physics consultant, Michelle Kritzman, at (734) 662-3197 or by email at [mkritzman@mpcphysics.com](mailto:mkritzman@mpcphysics.com).

Sincerely,



Administrative Management  
Creagh E. Milford, D.O.

RECEIVED SEP 10 2015

## Close-out Survey Information

**Close-out Location:**

HEART CARE  
6889 Highland Road  
Waterford, MI 48327

**Date performed:** August 28, 2015

**Performed by:** Michelle Kritzman, MS

**Comments:** This location was used for 35.200 activities. The isotopes used for imaging were Tc-99m and TI-201. The last day of use was:

Tc-99m: February 24, 2015  
TI-201: June 3, 2010

**Instruments:**

Wipe tests analyzed on the following Well counter:

Instrument: CAPTUS 3000 S/N 900271

Spectrum: Full Spectrum

Efficiency Full Spectrum: 40%

Area survey performed with the following survey meter:

Manufacturer: Ludlum

Type: GM

Model Number: 14C

Serial Number: 203077

Probe Model: End Window

Calibration Date: 02/18/2015

Battery check acceptable:	<u>YES</u>
Operational check acceptable:	<u>YES</u>
Constancy check acceptable:	<u>YES</u>
Check source value	<u>3.5 mR/hr</u>

**Radionuclides Used:****Unsealed**

Tc-99m

Tl-201

**Sealed**

This was a treadmill area. No sealed sources were stored in the location.

**Visual Check:** The area was checked to ensure that all radioactive waste had been removed. No evidence of radioactive material was noted.

**Radiation Level Survey:** No area within the treadmill rooms demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

**Removable Contamination:** No area within the treadmill rooms demonstrated removable contamination in excess of 148 dpm's.

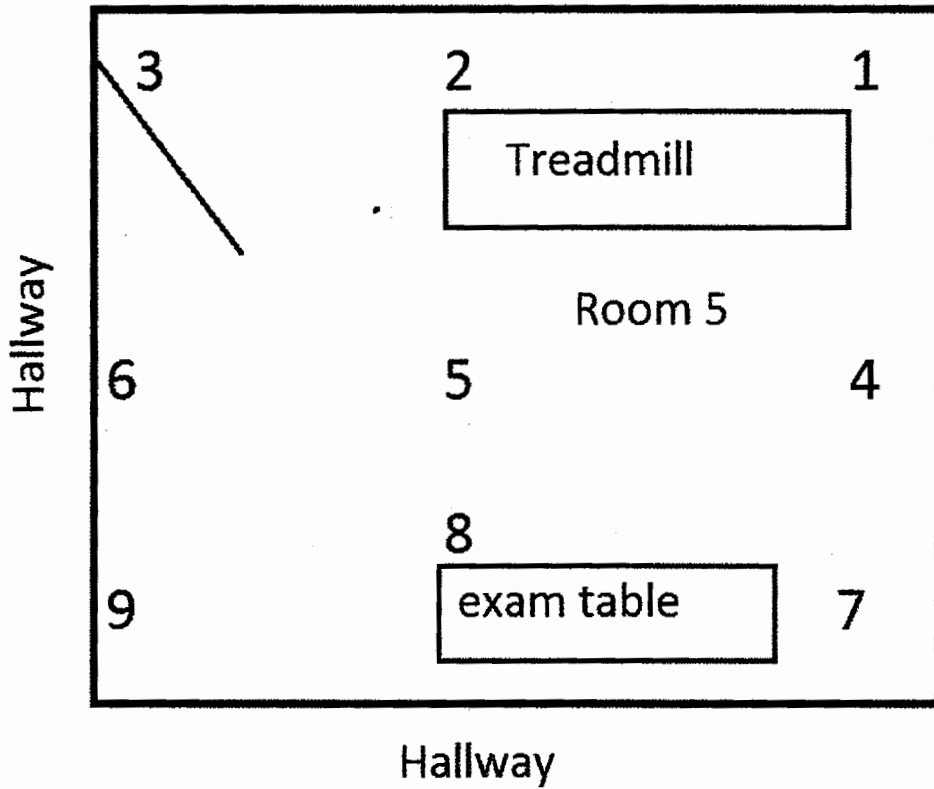
**Surveys, Wipes, and Diagrams are enclosed for review.**

**Conclusion:** No radioactive materials remain in this area. No removable contamination is present.

Heart Care  
6889 Highland Road  
Waterford, MI 48327  
Closed Treadmill Room 5



Exam room



<b>Heart Care</b>				
<b>License # 21-25851-01</b>				
<b>Date: 8/28/2015</b>			<b>Performed By: M Kritzman, M.S.</b>	
<b>Survey Meter: Ludlum 14C</b>			<b>Check Value: 3.5 mR/hr</b>	
		net cpm	net dpm	mR/h
1	floor	59	148	0.02
2	floor	59	149	0.02
3	floor	59	148	0.02
4	floor	18	45	0.02
5	floor	18	45	0.02
6	floor	18	45	0.02
7	floor	49	123	0.02
8	floor	49	123	0.02
9	floor	49	123	0.02
	Background	440		0.02
<p><b>ACTION LEVELS: 2000 dpm</b>                      Conversion factor 2.5 dpm/cpm</p> <p><b>COMMENTS: No evidence of removable contamination.</b></p>				

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## FAX SHEET

To: Materials Licensing Fax#: 1-630-515-1078

From: Pam Zawadzki Date: 9/10/15

Re: Room Close-Out Number of Pages: 6

Notes: \_\_\_\_\_

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