



# PROVIDENCE

## FACSIMILE TRANSMITTAL SHEET

To: Material Licensing	From: Tom Barker, CNMT
Fax Number: 630-829-9782	Date: 1-5-10
Company: NRC	Number of pages including cover: 6
Phone Number:	Phone Number: 248-849-3262
RE: Termination of location of use - Farmington Hills	
Notes or comments:	

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16001 West Nine Mile Road  
Southfield, MI 48075

January 4, 2010

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

Re: Termination of location of use on NRC License No. 21-02802-03

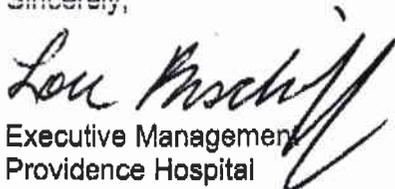
Dear Sir/Madam:

Please terminate the location of use at 30055 Northwestern Highway, Farmington Hills, Michigan from our NRC License No. 21-02802-03.

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.

Sincerely,

  
Executive Management  
Providence Hospital  
Southfield, Michigan

## Close-out Survey Information

**Close-out Location:**

Providence Hospital  
30055 Northwestern Highway  
Farmington Hills, MI 48334

**Date performed:** December 23, 2009

**Performed by:** Michelle Kritzman, M.S., Radiological Physicist

**Comments:** This location was used for 35.100, 35.200, and 35.300 activities. The last day of use for the following isotopes was:

Tc-99m – 11/25/2009  
I-123 – 10/19/2009  
I-131 – 11/16/2009

**Instruments:**

Wipe tests analyzed on the following well counter:

Instrument: CAPINTEC 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: 3  
Serial Number: 157206  
Probe Model: End Window  
Calibration Date: 01/05/2009

Battery check acceptable:	<u>YES</u>
Operational check acceptable:	<u>YES</u>
Constancy check acceptable:	<u>YES</u>
Check source value:	<u>8.0 mR/hr</u>

**Radionuclides Used:**

**Unsealed**

Tc-99m

I-123

I-131

**Sealed**

Co-57

Cs-137

Ba-133

**Visual Check:** The area was checked to ensure that all radioactive waste had been removed. All sealed sources were transferred to Providence Hospital, 16001 West Nine Mile Road, Southfield, MI by Cardinal Health Pharmacy on 12/23/2009. No evidence of radioactive material was noted.

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

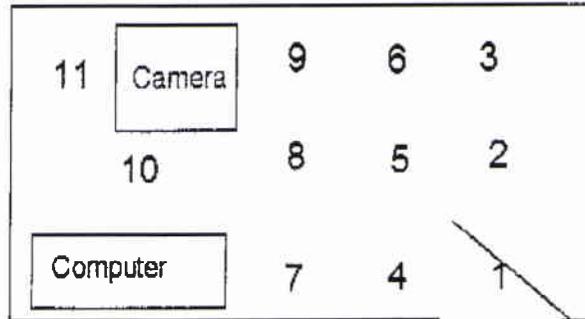
**Removable Contamination:** No area within the department demonstrated removable contamination in excess of 52 dpm's.

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

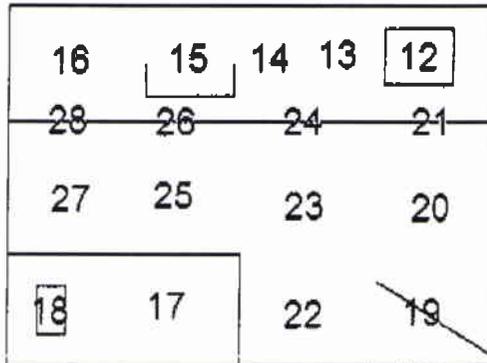
**Conclusion:** No radioactive materials remain in this area. No removable contamination is present.

Providence Hospital  
Lic. Number: 21-02802-03

30055 Northwestern Highway  
Farmington Hills, MI



Hallway



Hallway

Providence Hospital License # 21-02802-03				
Date: 12/23/2009		Performed By: M Kritzman, M.S.		
Survey Meter: Ludlum Model 3		Check Value: 8 mR/hr		
		net cpm	net dpm	mR/h
1	Floor	14.8	37	0.02
2	Floor	14.8	37	0.02
3	Floor	14.8	37	0.02
4	Floor	10.8	27	0.02
5	Floor	10.8	27	0.02
6	Floor	10.8	27	0.02
7	Floor	0.8	2	0.02
8	Floor	0.8	2	0.02
9	Floor	0.8	2	0.02
10	Floor	20.8	52	0.02
11	Floor	20.8	52	0.02
12	Sink	20.8	52	0.02
13	Counter	0.0	0	0.02
14	Counter	0.0	0	0.02
15	Counter	0.0	0	0.02
16	Counter	14.8	37	0.02
17	Counter	14.8	37	0.02
18	Sink	14.8	37	0.02
19	Floor	10.8	27	0.02
20	Floor	10.8	27	0.02
21	Floor	10.8	27	0.02
22	Floor	0.0	0	0.02
23	Floor	0.0	0	0.02
24	Floor	0.0	0	0.02
25	Floor	3.8	10	0.02
26	Floor	3.8	10	0.02
27	Floor	3.8	10	0.02
28	Floor	3.8	10	0.02
	Background	485.2		0.02
<p><b>ACTION LEVELS: 2000 dpm</b>      Conversion factor 2.5dpm/cpm</p> <p><b>COMMENTS: No evidence of removable contamination.</b></p>				