

MERCY MEMORIAL HOSPITAL SYSTEM  
DEPARTMENT OF RADIOLOGY SERVICES  
ADMINISTRATION

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FACSIMILE TRANSMITTAL SHEET

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TO: MATERIALS LICENSING	DATE: 8/29/08
COMPANY: Nuclear Regulatory Commission	FROM: IMAGING SERVICES - OFFICE
FAX NUMBER: 630 8299782	TELEPHONE: (734) 240-5600
PHONE NUMBER: 734 2404102	FAX: (734) 240-5609
RE: amendment to close "old" depts	NUMBER OF PAGES INCLUDING COVER: 9

URGENT  FOR REVIEW  PLEASE COMMENT  PLEASE REPLY  PLEASE RECYCLE

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NOTES/COMMENTS:

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718 N. MACOMB STREET, MONROE, MICHIGAN 48162



August 26, 2008

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. 21-18816-01

Dear Sir/Madam:

1. Please amend our NRC license to reflect the close-out of the "old" department and location of use at 730 North Macomb Street. Please find the enclosed map and surveys for your use.
2. Please remove the location of use at the 730 North Macomb Street from our license.

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,

A handwritten signature in cursive script that reads "Candy A. Mills".

Executive Management  
Mercy Memorial Hospital

*Corporate  
Connection*  
(734) 240-4150

*HomeCare  
Connection*  
(734) 240-1717

*Macomb  
Pharmacy*  
(734) 240-4100

*Outpatient  
Surgery Center*  
(734) 240-1900

*Rehabilitation  
Center*  
(734) 240-1950

*Family Center*  
(734) 240-1760

*Foundation*  
(734) 240-4488

*Home Respiratory*  
(734) 240-8888

*Hospice*  
(734) 240-8940

*Hospital*  
(734) 240-8400

*Nursing Center*  
(734) 240-1820

## Close-out Survey Information

**Close-out Location:**

"Old" Nuclear Medicine Department

**Date performed:** July 7, 2008

**Performed by:** Erin Wesley, CNMT

**Comments:** This location was used for 35.200 activities. The isotopes used for imaging were Tc-99m, Ga-67, In-111 and I-123.

The last day of use:

Tc-99m - 7/24/08.

Ga-67 - 2/9/08

In-111 - 6/3/08

I-123 - 7/16/08.

**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: Eberline

Type: GM

Serial Number: 7801

Probe Model: Side Window

Calibration Date: 3/12/2008

Battery check acceptable:	<u>YES</u>
Operational check acceptable:	<u>YES</u>
Constancy check acceptable:	<u>YES</u>
Check source value:	<u>1.1 mR/hr</u>

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

Tc-99m

Ga-67

In-111

I-123

**Sealed**

Co-57

**Visual Check:** The area was checked to ensure that all radioactive waste and sealed sources had been removed. No evidence of radioactive material was noted. All sealed sources were moved to the "new" nuclear medicine department.

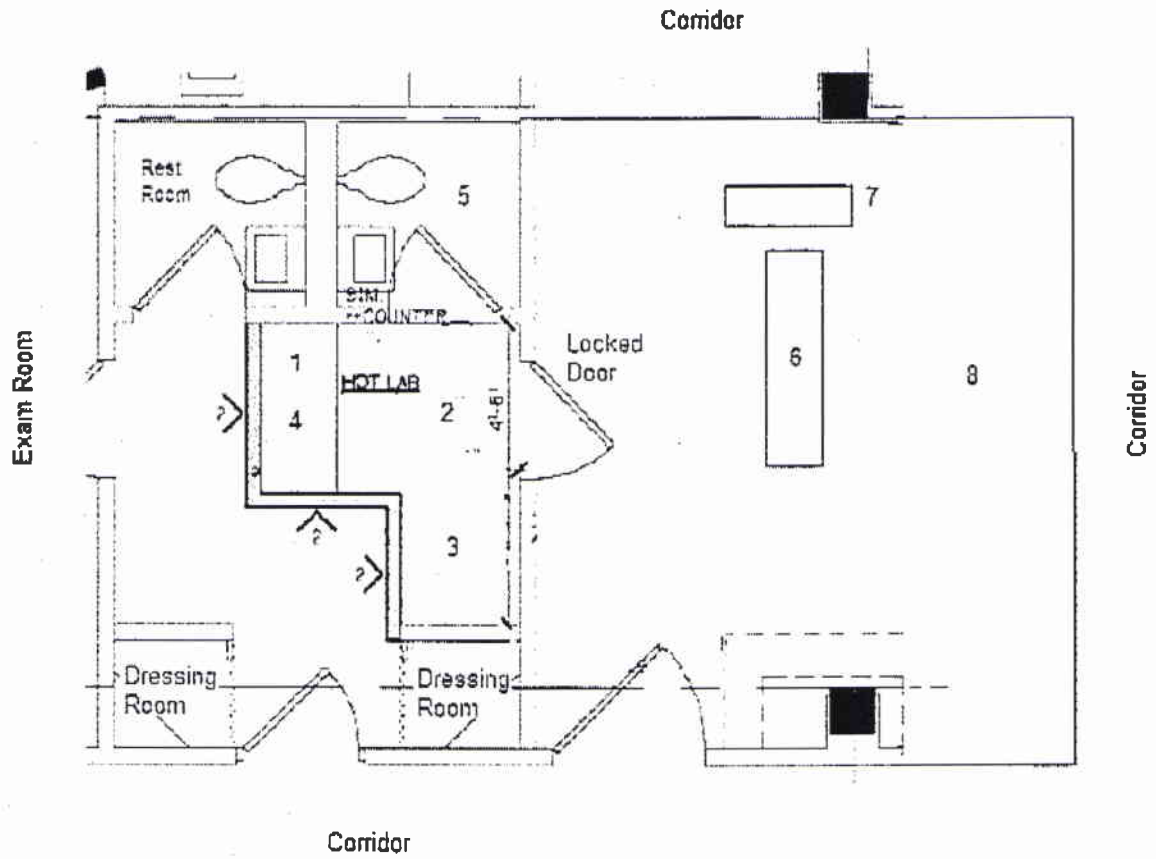
**Radiation Level Survey:** No area within the department demonstrated radiation levels in excess of the background reading of 0.03 mR/hr.

**Removable Contamination:** No area within the department demonstrated removable contamination in excess of 68 dpm's.

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

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

Mercy Memorial Hospital  
License No. 21-1881601  
Closeout of "Old" Department



**Mercy Memorial Hospital**

License # 21-18816-01

Date: 7/26/2008

Performed By: Erin Wesley, CNMT

Survey Meter: Eberline GM Meter

Check Value: 1.1 mR/hr

		net cpm	net dpm	mR/h
1	Counter - Lshield	496	0	0.03
2	Floor - Hot Lab	496	0	0.03
3	Counter - Package Receipt	496	0	0.03
4	Counter - Storage	533	68	0.03
5	Floor - Storage	533	68	0.02
6	Camera	533	68	0.03
7	Injection Cart	519	33	0.03
8	Floor	519	33	0.03
	Background	506		0.03

**ACTION LEVELS: 2000 dpm**

Conversion factor 2.5 dpm/cpm

**COMMENTS: No evidence of removable contamination.**

## Close-out Survey Information

**Close-out Location:**

730 North Macomb Street

**Date performed:** July 26, 2008**Performed by:** Erin Wesley,CNMT**Comments:** This location was used for 35.200 activities. The only isotope used for imaging was Tc-99m.**The last day of use:**

Tc-99m – 7/2/08.

**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:	<u>Eberline</u>
Type:	<u>GM</u>
Serial Number:	<u>7801</u>
Probe Model:	<u>Side Window</u>
Calibration Date:	<u>3/12/2008</u>

Battery check acceptable:	<u>YES</u>
Operational check acceptable:	<u>YES</u>
Constancy check acceptable:	<u>YES</u>
Check source value:	<u>1.1 mR/hr</u>

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

Tc-99m

**Sealed**

Co-57

**Visual Check:** The area was checked to ensure that all radioactive waste and sealed sources had been removed. No evidence of radioactive material was noted. All sealed sources were transferred to the nuclear medicine department at 718 North Macomb Street.

**Radiation Level Survey:** No area within the department demonstrated radiation levels in excess of the background reading of 0.03 mR/hr.

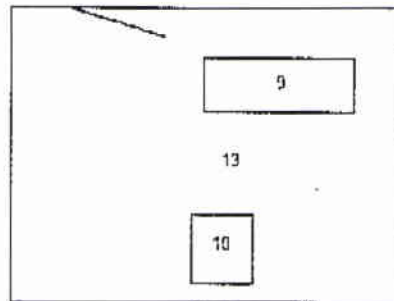
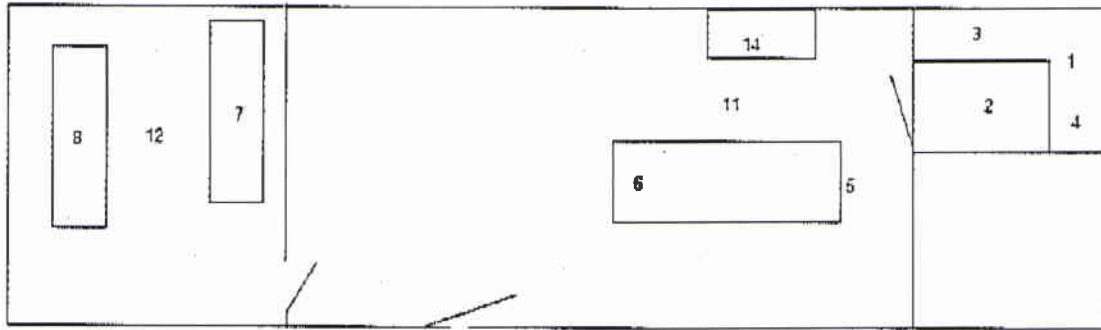
**Removable Contamination:** No area within the department demonstrated removable contamination in excess of 45 dpm's.

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

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



Mercy Memorial Hospital  
License No. 21-1881601  
Closeout of POB Department  
730 North Macomb Street



**Mercy Memorial Hospital**  
**POB - 730 North Monroe Street**  
**License # 21-18816-01**

**Date:** 7/7/2008

**Performed By:** Erin Wesley, CNMT

**Survey Meter:** Eberline GM Meter

**Check Value:** 1.1 mR/hr

		net cpm	net dpm	mR/h
1	Counter - Lshield	519	45	0.03
2	Floor - Hot Lab	519	45	0.02
3	Counter - Package Receipt	519	45	0.02
4	Counter - Dose Calibrator	489	0	0.03
5	Camera	489	0	0.02
6	Table	489	0	0.03
7	Treadmill	488	0	0.03
8	Stretcher	488	0	0.02
9	Treadmill	488	0	0.02
10	Chair	500	0	0.02
11	Floor	500	0	0.03
12	Floor	500	0	0.03
13	Floor	518	43	0.03
14	Well Counter	518	43	0.03
	Background	501		0.03

**ACTION LEVELS:** 2000 dpm

Conversion factor 2.5 dpm/cpm

**COMMENTS:** No evidence of removable contamination.