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July 1, 2010

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

Re: Amendment of NRC License No. 21-20313-01
Close out survey

Dear Sir/Madam:

We wish to provide the following information, in an effort to amend our NRC license.

Item #1: Please delete the following location of use from our license.

**1505 Waterford Parkway
St. Johns, Michigan**

Please note the following:

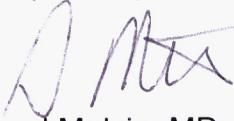
- A close-out survey and wipe test was performed on July 1, 2010 and the data is enclosed for your review.
- A map of the area(s) noted above keyed to the survey and wipe test data.
- The last date of use of byproduct material was June 27, 2010.
- The following radionuclide(s) (Sealed) Cs-137, Ba-133, Co-57 and Unsealed Tc99m, Tl-201 were used at this facility.
- All residual byproduct material to include waste was fully decayed in storage and disposed, returned to supplier or transferred to an authorized user.
- A current copy of the sealed source leak test results for the sealed sources used at our facility are enclosed for your review.

This facility is exempt from decommissioning due to low volumes and short physical half-lives of materials used. We did not dispose of radioactive materials by release to sewers or incineration. In addition, there were no spills of any long-lived radioactive material or on-site burials of radioactive materials.

RECEIVED SEP 02 2010

If you have any questions, please contact our physicist James M. Botti, MS by phone at (734) 662-3197 or by email at jbotti@mpcphysics.com.

Respectfully Yours,

A handwritten signature in blue ink, appearing to read "D Melvin", with a long horizontal stroke extending to the right.

Daryl Melvin, MD
Radiation Safety Officer

Enclosures

Close-out Survey

Date performed: July 1, 2010

Performed by: Lori Jones, CNMT

Comments: Sealed sources and radioactive trash were removed from these areas prior to survey and wipe testing.

Instruments

Wipe tests analyzed with a Captinec CRC-15W Well Counter #171746-2

Instrument: Well Counter

Radionuclide: Cs-137 MDA for Cs-137 674 dpm's

Date completed: 02/20/10 Conversion factor: 6.69 dpm/dpm

Area survey performed with the following survey meter:

Manufacturer: Ludlum
Type: GM
Model Number: 14C
Serial Number: 231070
Probe Model: End Window
Annual Calibration Due: 05/10/11

Battery check acceptable: YES

Operational check acceptable: YES

Constancy check acceptable: YES

Current reading: 5.0 mR/hr

Radionuclides Used

Unsealed

Tc99m, Tl-201

Sealed

Co-57, Ba-133, Cs-137

Last date of byproduct radiopharmaceutical use:

June 30, 2010

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

Sealed Source Leak Testing: Sealed Source Leak tests demonstrated no removable contamination.

Leaking Sources: There is no history of leaking sources at this facility.

Radiation Level Survey: No area within the department demonstrated radiation levels in excess of the background reading of 0.01 mR/hr.

Removable Contamination: No area within the department demonstrated removable contamination excess of 130 dpm's.

Hot Lab, Stress Room and Imaging Area

Background: 212 cpm's

Room #2

Area	Result in dpms
#1 Floor	0
#2 Countertop	0
#3 Doorway	0
#4 Floor	0
#5 Countertop	0
#6 Doorway	0
#7 Floor	0
#8 Countertop	0
#9 Doorway	0

Maximum removable contamination = 0 dpms

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



Sealed Source Inventory

Licensee: Thoracic Cardiovascular Institute-St. Johns

Date: 05/04/10

Performed by: James Botti

Calibration

Nuclide	Type	Activity	Date	Location	M/N	S/N
Cs-137	Vial	200.5 uCi	11/01/06	Hot Lab	RV-137-200U	1044-25-10
Current Activity: 184.9 uCi						
Co-57	Flood	10 mCi	06/01/09	Hot Lab	PF16R-057-10	1374-069
Current Activity: 4.223 mCi						

SEALED SOURCE AMBIENT EXPOSURE SURVEY

Meter:

Max Reading:

RADIATION SAFETY OFFICER: _____



Sealed Source Leak Test

Licensee: Thoracic Cardiovascular Institute-St. Johns

Date: 05/04/10

Performed by: James Botti

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	200.5 uCi	11/01/06	Hot Lab	RV-137-200U	1044-25-10
		Current Activity:	184.9uCi			
Co-57	Flood	10 mCi	06/01/09	Hot Lab	PF16R-057-10M	1374-069
		Current Activity:	4.223mCi			

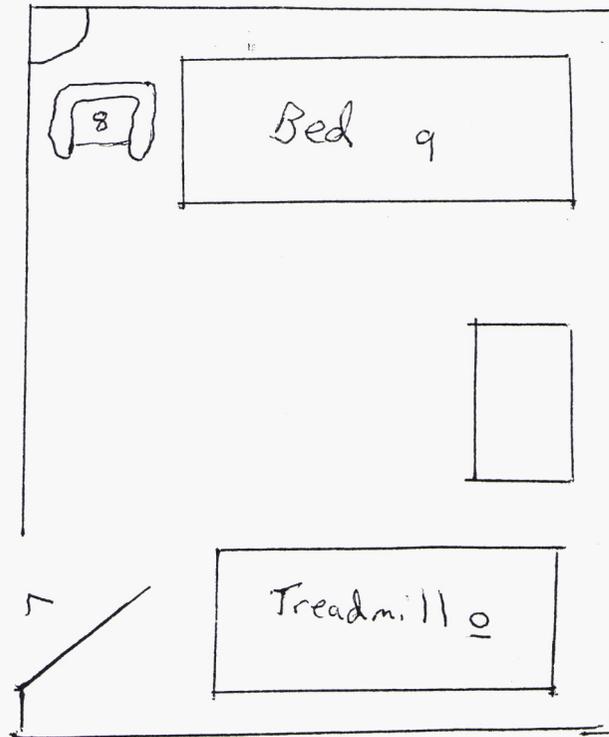
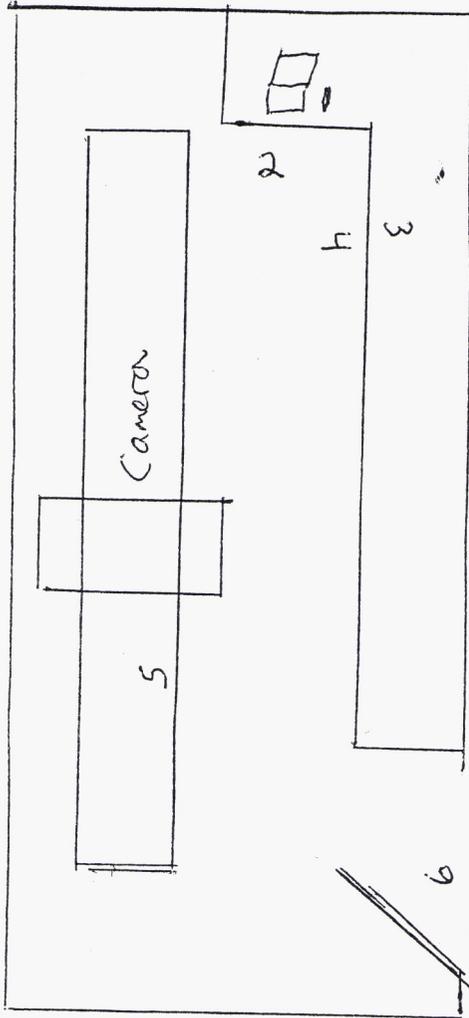
Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were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

Well Counter: Captus 3000

Nuclide	MDA	Background
Cs-137	2.0×10^{-4} uCi	145 counts/1 min
Ba-133	8.8×10^{-5} uCi	204 counts/1 min
Co-57	1.7×10^{-5} uCi	53 counts/1 min

RADIATION SAFETY OFFICER: _____

Thoracic Cardiovascular Institute
1505 Waterford Parkway
St. Johns, Mi.



Thoracic  Cardiovascular Institute

Over 40 Years of Excellence in Heart and Vascular Care

405 W. Greenlawn • Lansing, MI 48910



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