



**December 17, 2007**

United States Nuclear Regulatory Commission  
Region III, Materials Licensing  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

**RE: Amendment to NRC License No. 21-32638-01  
State Registration #: 2036-1**

Dear Sir/Madam:

The purpose of this letter is to amend our current NRC license to reflect the following changes.

**Item #1**

Please remove the following location of use from our license:


**Complete Diagnostic Services  
2289 Star Court  
Rochester Hills, MI 48309**

A close-out survey was performed on November 8, 2007 of the above address and is enclosed for your review.

The last date of receipt of radioactive material at this site was November 8, 2007. Only the radionuclide Technetium 99m was received at this facility to be used for diagnostic testing at our mobile sites. A current copy of the leak test results for the sealed sources used at our facility is enclosed for your review. This facility is exempt from decommissioning due to low volumes and short physical half-lives of materials used.

Thank you for your cooperation. If you have any questions or require additional information, please contact our physics consultant, Sharon Updike at 734-662-3197.

Respectfully Yours,

  
Executive Management

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## Close-out Survey

**Date performed:** November 8, 2007

**Performed by:** Cary Stewart, CNMT

**Comments:** Sealed sources and radioactive trash were removed from our department for transfer to our new location prior to performing the close-out survey.

### Instruments

Wipe tests analyzed with a Capintec CRC-15W Well Counter # 171823

Instrument: Well Counter

Radionuclide:	<u>Co-57</u>	MDA for Co-57:	<u>153 dpm's</u>
Date completed:	<u>02/08/07</u>	Conversion factor:	<u>1.17 dpm/cpm</u>

Area survey performed with the following survey meter:

Manufacturer:	<u>Ludlum</u>	
Type:	<u>GM</u>	
Model Number:	<u>Model 14-C</u>	
Serial Number:	<u>240110</u>	
Probe Model:	<u>End Window</u>	
Annual Calibration Due:	<u>05/29/08</u>	
Battery check acceptable:		<u>YES</u>
Operational check acceptable:		<u>YES</u>
Current reading:		<u>1.6 mR/hr</u>

### Radionuclides Used:

**Unsealed**  
Tc99m

### Sealed

Co-57, Ba-133, Cs-137

**Last date of byproduct radiopharmaceutical receipt:** 11/08/07

**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:** No history of leaks from Sealed Sources.

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

**Removable Contamination:** No area within the department demonstrated removable contamination in excess of 91.26 dpm's.

***Hot Lab Area***

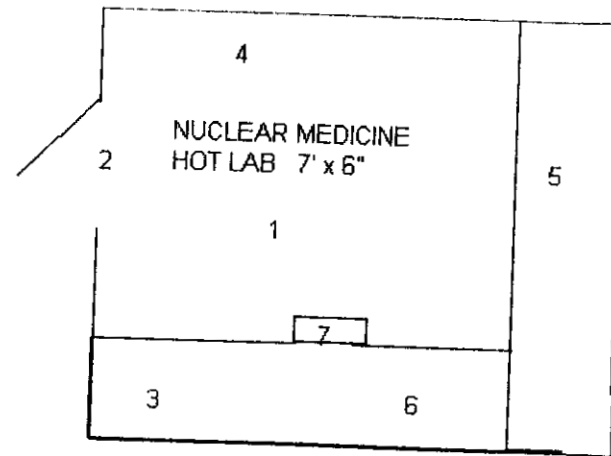
See Attachment

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



COMPLETE DIAGNOSTIC SERVICES - CLOSEOUT SURVEY

- Area 1 Hot Lab floor
- Area 2 Hot Lab inside door
- Area 3 Package receipt
- Area 4 Package return
- Area 5 Computer counter
- Area 6 Dose calibrator counter
- Area 7 Storage counter



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Medical Physics Consultants, Inc.

Licensee: Complete Diagnostic Services

Date: 06/26/07

Performed by: Sharon Updike

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Co-57	FF	10 mCi	03-01-07	Hotlab	FL09R-057-10M	1229-015
Cs-137	Vial	203.4 uCi	03-01-07	Hotlab	RV-137-200U	1218-33-7
Ba-133	Vial	248.8 uCi	03-01-07	Hotlab	RV-133-250U	1218-21-24

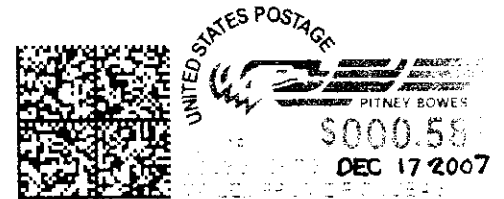
Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were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

Well Counter: Captus 3000

Nuclide	MDA	Background
Cs-137	$2.0 \times 10^{-4}$ 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: \_\_\_\_\_

Complete Diagnostic Services  
1407-A Alken Road  
Troy, Mi 48083



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