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July 18, 2016

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

Re: Amendment for NRC License # 21-32740-01
Close a Dearborn Location of Use

Dear Sir/Madam:

We would like to amend our NRC license to close the following location of radioactive use on our NRC license:

15120 Michigan Ave, Suite A
Dearborn, MI 48126

Please see the enclosed close-out documents, diagram, and sealed source leak test.

If you have any questions or require additional information please contact our Medical Physics Consultant, Cari Dzanbazoff, at (734) 662-3197.

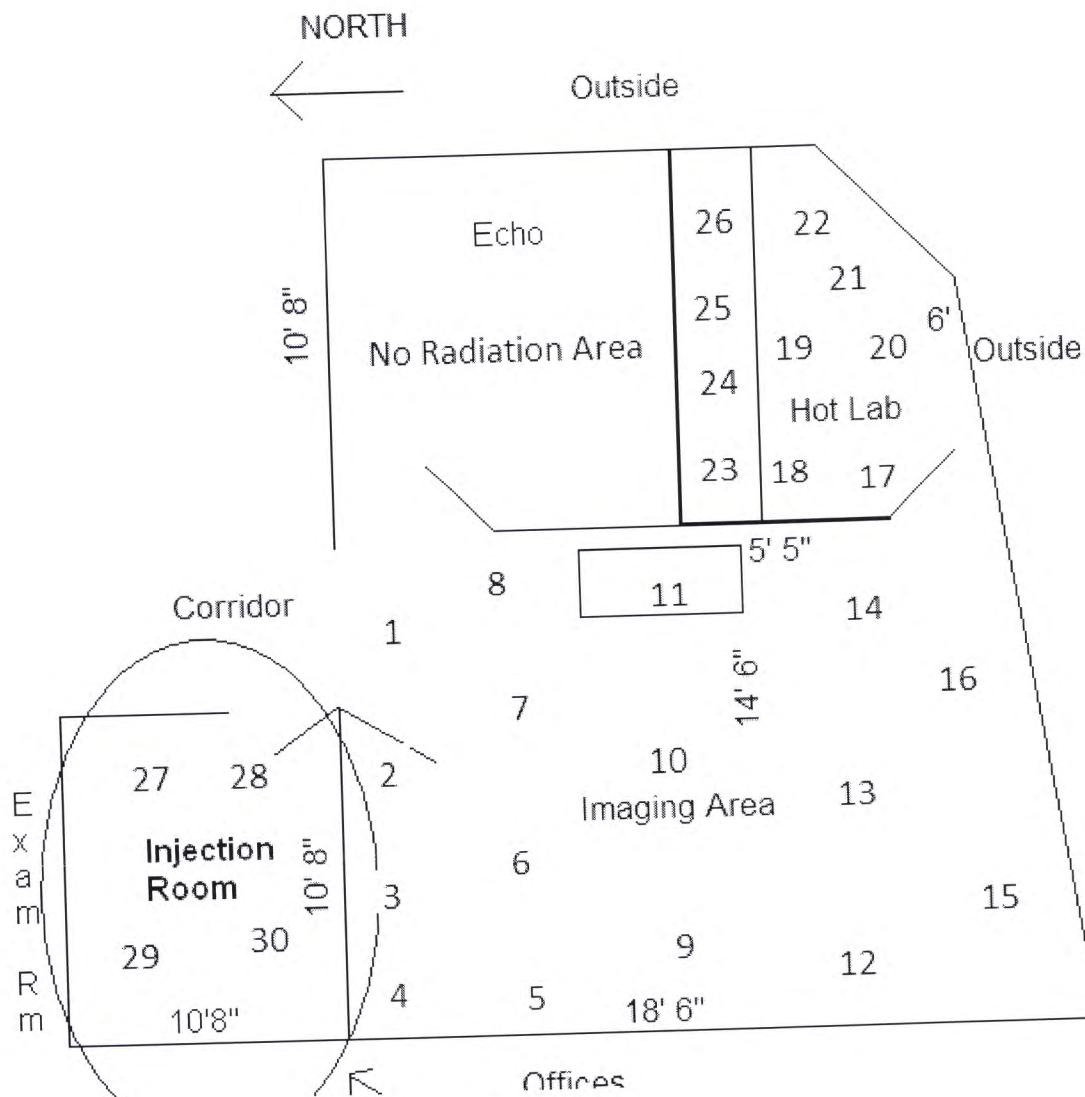
Sincerely,

Kathryn M. Filar, CES
Executive Management
Premier Cardiovascular Specialists, P.C.

RECEIVED JUL 29 2016

PREMIER CARDIOVASCULAR SPECIALISTS, P.C.

FACILITY DIAGRAM
15120 Michigan Ave, Suite A
Dearborn, MI 48126



Single Level Facility
Nothing Above
Cement Slab Below

Close-out Survey Information
Premier Cardiovascular Specialists, P.C
License # 21-32740-01

Close-out Location:

PREMIER CARDIOVASCULAR SPECIALISTS, P.C.
15120 Michigan Ave, Suite A
Dearborn, MI 48126

Date Performed: June 23, 2016

Performed By: Cari Dzanbazoff, Medical Physics Consultants Inc.

Comments: Equipment and sealed sources were properly transferred to the new/alternate Dearborn location.

Instruments:

Wipes for contamination performed with the following well counter:

Manufacturer: Capintec
Model Number: Captus 3000
Serial Number: 900271
Efficiency Factor: 2.5 dpm/cpm

Area survey performed with the following survey meter:

Manufacturer: Ludlum
Type: GM
Model Number: Model 3
Serial Number: 113520
Probe Model: Pancake
Calibration Date: 2/19/16

Battery check acceptable:	<u>YES</u>
Operational check acceptable:	<u>YES</u>
Constancy check acceptable:	<u>YES</u>
Check source value:	<u>3.0 mR/hr</u>

Radionuclides Used:

Unsealed

Tc-99m

Sealed

Cs-137, Co-57, Ba-133 (leak test attached)

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 lab demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

Removable Contamination: No area within the lab demonstrated removable contamination in excess of 40 dpm/100 cm sq.

Sealed Sources: All sealed sources were properly transferred to the new Plymouth location.

Surveys, Wipes, and Diagrams are enclosed for review.

Premier Cardiovascular Specialists - Dearborn (Michigan Ave) Location

License # 21-32740-01

Date: 3/25/2016

Performed By: Cari Dzanbazoff

Survey Meter:	Ludlum 3
Serial Number:	113520
Calibration Date:	2/19/2016

Well Counter: Capintec
Model: Captus 3000
Serial Number: 900271

		cpm (5 minute count)	net dpm	mR/h	
		423	0	0.02	-178
1	Floor	423	0	0.02	-176
2	Inj Chair	423	0	0.02	-176
3	Floor	423	0	0.02	39
4	ECG	456	40	0.02	39
5	Floor	456	40	0.02	39
6	Treadmill	456	40	0.02	-241
7	Floor	413	0	0.02	-241
8	Crash Cart Area	413	0	0.02	-241
9	Floor	413	0	0.02	
10	Floor	450	0	0.02	
11	Desk	450	0	0.02	
12	Floor	450	0	0.02	-267
13	Floor	409	0	0.02	-267
14	Floor	409	0	0.02	-267
15	Floor	409	0	0.02	-163
16	Floor	425	0	0.02	-163
17	Floor	425	0	0.02	-163
18	Floor	425	0	0.02	-98
19	Floor	435	0	0.02	-98
20	Floor	435	0	0.02	-98
21	Floor	435	0	0.02	-33
22	Floor	445	0	0.02	-33
23	Counter	445	0	0.02	-33
24	Counter	445	0	0.02	-228
25	Counter	415	0	0.02	-228
26	Counter	415	0	0.02	-228
27	Floor	415	0	0.02	-91
28	Floor	436	0	0.02	-91
29	Floor	436	0	0.02	-91
30	Floor	436	0	0.02	-2925
					-2925
					-2925
					-2925
					-2925
					-2925
	background	450		0.02	

ACTION LEVELS: 1000 dpm/100 cm sq

Efficiency Factor = 2.5 dpm/cpm
Full Spectrum

COMMENTS: No evidence of removable contamination.



Sealed Source Inventory

Licensee: Premier Cardiovascular Specialists, P.C.

Date: 06/23/16

Performed by: Cari Dzanbazoff

Nuclide	Type	Location	M/N	S/N	Manufacturer
Ba-133	Vial	Hot Lab	IPL	1159-703	
Calibration Activity:	252 uCi	Calibration Date:	02/01/06	Current Activity	127.1 uCi
Cs-137	Vial	Hot Lab	IPL	1140-96-6	
Calibration Activity:	200 uCi	Calibration Date:	02/01/06	Current Activity	157.3 uCi
Cs-137	Rod	Hot Lab	IPL	1140-82-95	
Calibration Activity:	500 nCi	Calibration Date:	02/01/06	Current Activity	393.2 nCi
Co-57		Hot Lab	MED3727	1811-087	
Calibration Activity:	10 mCi	Calibration Date:	05/01/15	Current Activity	3.424 mCi

SEALED SOURCE AMBIENT EXPOSURE SURVEY

Meter:

Max Reading

RADIATION SAFETY OFFICER: _____



Sealed Source Leak Test

Licensee: Premier Cardiovascular Specialists, P.C.

Date: 06/23/16

Performed by: Cari Dzanbazoff

Nuclide	Type	Calibration Activity	Calibration Date	Location	M/N	S/N
Ba-133	Vial	252.1 uCi	02/01/06	Hot Lab	IPL	1159-703
Current Activity: 127.1 uCi						
Cs-137	Vial	200 uCi	02/01/06	Hot Lab	IPL	1140-96-6
Current Activity: 157.3 uCi						
Co-57		10 mCi	05/01/15	Hot Lab	MED3727	1811-087
Current Activity: 3.424 mCi						

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

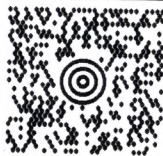
RADIATION SAFETY OFFICER: _____

PREMIER CARDIOVASCULAR SPECIALISTS
(313) 624-8417
THE UPS STORE #5810
23636 MICHIGAN AVE
DEARBORN MI 48124-1910

1 LBS 1 OF 1
SHP WT: 1 LBS
DATE: 28 JUL 2016

SHIP REGION 111, MATERIALS LIC. SECTION
TO: U.S.N.R.C.
STE 210
2443 WARRENVILLE RD

LISLE IL 60532-4352

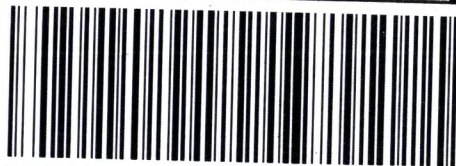


IL 603 9-03



UPS GROUND

TRACKING #: 1Z 3V9 R38 03 1050 1459



BILLING: P/P

ISH 13.00N ZP 450 76.5U 07/2016



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STE 210

LISLE IL 60532-3673

1:1

P: TAN S: IBR

0107-8025

1Z3V9R38031050 1459

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