

Abed Asfour, M.D., F.A.C.C.
Eduardo Garcia, M.D., F.A.C.C.
Kristine Kaiser, M.D.
Samer Salka, M.D., F.A.C.C.
Ganiha Algarrafi, N.P.

15120 Michigan Avenue, Suite A
Dearborn, MI 48126
Phone: (313) 624-8417
Fax: (313) 357-7074

7330 Canton Center Rd., Suite 109
Canton, MI 48187
Phone (734) 414-1376
Fax (734) 386-8004

5400 Fort Steet, Suite 110
Trenton, MI 48183
Phone: (734) 301-3125
Fax: (734) 301-3325

April 25, 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 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:

7330 Canton Center Road
Canton, MI 48187

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 MAY 02 2016

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

Close-out Location:

**PREMIER CARDIOVASCULAR SPECIALISTS, P.C.
7330 CANTON CENTER ROAD
CANTON, MI 48487**

Date Performed: March 25, 2016

Performed By: Cari Dzanbazoff, Medical Physics Consultants Inc.

Comments: Equipment and sealed sources were properly transferred to the new Plymouth 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.

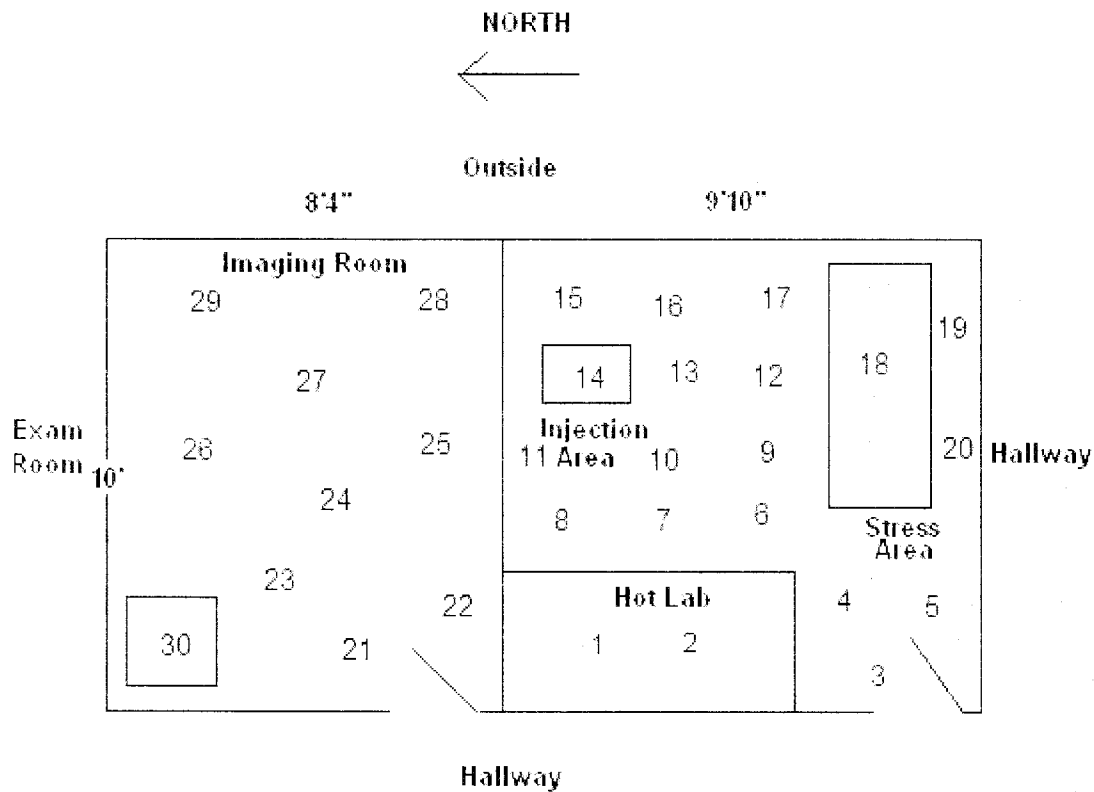
Removable Contamination: No area within the lab demonstrated removable contamination in excess of 75 dpm/100 cm sq.

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

Surveys, Wipes, and Diagrams are enclosed for review.

PREMIER CARDIOVASCULAR SPECIALISTS, P.C.

FACILITY DIAGRAM
7330 CANTON CENTER ROAD
CANTON, MI 48487



Single Level Facility
Nothing Above
Cement Slab Below



Sealed Source Leak Test

Licensee: Premier Cardiovascular Specialists, P.C.-Canton

Date: 01/21/16

Performed by: Cari Dzanbazoff

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	298.8 uCi	05/01/81	Hot Lab	CDC.VI	3147MA
		Current Activity: 133.9 uCi				
Ba-133	Vial	269.7 uCi	02/01/02	Hot Lab	IPL	788-63-1
		Current Activity: 107.5 uCi				
Co-57	Flood	10 mCi	05/01/15	Hot Lab	MED3727	1811-088
		Current Activity: 5.077 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

<u>Nuclide</u>	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



Sealed Source Inventory

Licensee: Premier Cardiovascular Specialists, P.C.-Canton

Date: 01/21/16

Performed by: Cari Dzanbazoff

Calibration

Nuclide	Type	Activity	Date	Location	M/N	S/N
Cs-137	Vial	298.8 uCi	05/01/81	Hot Lab	CDC.VI	3147MA
Current Activity: 133.9 uCi						
Ba-133	Vial	269.7 uCi	02/01/02	Hot Lab	IPL	788-63-1
Current Activity: 107.5 uCi						
Cs-137	Rod	500 nCi	07/01/04	Hot Lab	IPL	1034-32-5
Current Activity: 382.8 nCi						
Co-57	Flood	10 mCi	05/01/15	Hot Lab	MED3727	1811-088
Current Activity: 5.077 mCi						

SEALED SOURCE AMBIENT EXPOSURE SURVEY

Meter: LUDLUM

Max Reading 0.1 mR/hr

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sing Section*

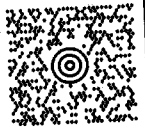
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PREMIER CARDIOVASCULAR SPECIALISTS
(313) 624-8417
15120 MICHIGAN AVE SUITE A
DEARBORN MI 48126

1 LBS 1 OF 1
SHIP WT: 1 LBS
DATE: 29 APR 2016

SHIP UNITED STATES NUCLEAR REGULATORY
TO: REGION III, MATERIALS LICENSING
STE 210
2443 WARRENVILLE RD

LISLE IL 60532-4352



IL 603 9-03



UPS GROUND

TRACKING #: 1Z 482 35X 03 0644 6314



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Premier Cardiovascular Specialists, P.C.

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Dearborn, MI 48126

