## Comprehensive Cardiovascular Consultants, Inc. Raffi K. Krikorian, M.D., FACC, RVT Irakli Shengelia, PA-C

Board Certified in Cardiovascular Diseases and Interventional Cardiology

April 14, 2010

Ref. License-24-32459-01

U.S. Nuclear Regulatory Commission Materials Licensing Section Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351

To Whom It May Concern:

This is the second request to expedite a review of an amendment request to the radioactive materials license for Comprehensive Cardiovascular Consultants, Inc. in St. Louis, Missouri. The following is submitted for your review:

- 1. The former office at 1035 E. Karsch Blvd, Suite A, Farmington, MO 63640, has been vacated. All diagnostic studies were terminated prior to May 26, 2009. All radioactive materials were moved the new office on that date. As such, we request that this location be released for unrestricted use. The address may be removed from the radioactive materials license since no further business will be conducted at this location.
- 2. The primary nuclide used at this location was Tc-99m. Only diagnostic studies were performed at this site.
- 3. Enclosed please find the area surveys and wipe testing that were conducted after all sources had been removed. No residual activity was found. Area surveys were performed using Ludlum 14C survey Meter, which was calibrated February 9, 2009. Wipe testing was performed using a Spectech sodium iodine scintillation well counter. All results were at background level.
- 4. Also enclosed is a floor plan diagram showing where area surveys and wipe testing were conducted.

If you have any questions concerning this matter, please contact Nancy Hensley, RT(N), CNMT at our office.

Respectfully,

Raffi Krikorian, M.D., F.A.C.C., RSO

RK/nh

Enclosures: Floor Plan Diagram

Area Wipe Survey
Area Meter Survey

RECEIVED MAY 1 1 2010

Telephone: 314-849-0923 3760 S. Lindbergh Blvd, Suite #101 Fax: 314-849-5716

St. Louis, MO 63127

Comprehensive Cardiovascular Consultants 1035 E. Karsch Blud., Suite A, Farmington, Mo MBIENT EXPOSURE SURVEY & WIPE TESTS EXPOSURE ACTION LEVELS 1. ALL AREAS: ANY UNEXPECTED HIGH OR LOW LEVELS ATE: 2. UNRESTRICTED AREAS: 2.0mR/hr OR HIGHER 3. RESTRICTED AREAS: 5.0mR/hr or HIGHER **CONTAMINATION ACTION** 16 LEVELS EKG/STRESS LAB dpm/100cm2 of surface contamination Contaminant radionuclide Co-57/Tc-99m/TI-201 Unrestricted areas and personal clothing: 2,000dpm Restricted Areas: 20,000dpm 10 **ALL OTHERS** Unrestricted areas and personal clothing: 200dpm Restricted Areas: 2,000dpm NUCLEAR MEDICINE ROOM 11

UNRESTRICTED AREA



## **AREA METER SURVEY**

**Location:** Comprehensive Cardiovasuclar

1035 E. Karsch Blvd Ste A

Farmington

MO

63640

Test Date/Time: 05/26/2009 13:00

Model: 14-C

Next Due: 5/27/09

Instrument: Ludlum 14-C

Serial#: 188413

Test initials: NJH

Background:

0.01 mR/Hr

ID:

Instrument check results: 0.7

Last calibration: 2/9/09

Make: Ludlum

	t Data: Test location	Area Type	Reading mR/Hr	Net results mR/Hr	Action level mR/Hr	Comments
1	Scaler	Restricted	0 01	0	1	
2	Dose Calibrator	Restricted	0.01	0	1	
3	Lead Shield	Restricted	0.01	0	1	
4	Sink	Restricted	0.01	0	1	
5	Leaded Storage	Restricted	0 01	0	1	
6	Radioactive Trash	Restricted	0.01	0	1	
7	Regular Trash	Restricted	0.01	0	1	
8	Imaging Table	Restricted	0.01	0	1	
9	Camera	Restricted	0.01	0	1	
10	D <sub>1</sub> O T <sub>1</sub>	Restricted	0.01	0	1	
11	Computer Desk	Restricted	0.01	0	1	
12	Dose Return / Receive	Restricted	0.01	0	1	
13	Co-57 Flood Storage	Restricted	0.01	0	1	
14	Outside Wall	Restricted	0.01	0	1	
15	Injection Table	Restricted	0 01	0	1	
16	Treadmill	Restricted	0.01	0	1	
17	Technologist Hands & Feet	Non-Restricted	0.01	0	0.1	

Comments and Recommendations:

Performed by: njh

Radiation safety officer:



Instrument:

## **AREA WIPE SURVEY**

Location: Comprehensive Cardiovasuclar

1035 E. Karsch Blvd Ste A

Farmington

63640 MO

Scaler

Serial#: 1831

Background:

1576 Cpm

Test Date/Time: 05/26/2009 13:15

Next Due: 6/2/09

Model: 350

Make: Spectech Model: 35

Wipe area sample size: 100 cm ^2

Last calibration: 511/08

Test Data: Calculations: (Gross sample - background) / counting efficiency = Net Dpm

A#	( , ,	Area	Wipe	Count	Net results	Action level Comments
	Test location	Туре	Cpm	Eff%	Dpm	Dpm
1	Scaler	Restricted	1483	94 90	0	500
2	Dose Calibrator	Restricted	1483	94 90	0	500
3	Lead Shield	Restricted	1483	94.90	0	500
4	Sink	Restricted	1544	94 90	0	500
5	Leaded Storage	Restricted	1465	94 90	0	500
6	Radioactive Trash	Restricted	1477	94 90	0	500
7	Regular Trash	Restricted	1477	94.90	0	500
8	Imaging Table	Restricted	1487	94 90	0	500
9	Camera	Restricted	1487	94 90	0	500
10	D O,T	Restricted	1487	94 90	0	500
11	Computer Desk	Restricted	1487	94.90	0	500
12	Dose Return / Receive	Restricted	1487	94.90	0	500
13	Co-57 Flood Storage	Restricted	1487	94 90	0	500
14	Outside Wall	Restricted	1487	94 90	0	500
15	Injection Table	Restricted	1487	94 90	0	500
16	Treadmill	Restricted	1487	94.90	0	500

Comments and Recommendations:

Performed by: njh

Radiation safety officer:

Raffi Krikorian, MD 715 Maple Valley Dr. Farmington, MO 63640





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