

Licensing Assistance Team

Division of Nuclear materials Safety

USNRC Region 1

2100 Renaissance Boulevard

King of Prussia, PA 19406

RE: Release of Restricted Area

MedStar Cardiology Associates LLC (K St)

2131 K Street, NW Suite 800

Washington DC 20037

License # 08-23376-01

Docket # 030-20994

Dear License Reviewer:

I am writing to request the areas previously utilized as Restricted Ares at our previous location at 2131 K St Suite 800, Washington, DC 20037, be released for unrestricted use. The facility performed its last patient study on September 9, 2016 and all Radioactive Material (including waste and sealed sources) have been removed from the facility as of September 16, 2016. Three Co57 sheet sources, One Cs137 and One Co57 vial source were relocated to our new address: 1133 21st St, NW 7th Floor, Washington, DC 20036, by Cardinal Health. Additionally, one remaining Co57 sheet source was moved to our Bowie office under RAM license MD-33-151-01. A copy of the most recent leak test is enclosed.

The date of last disposal was: 9/16/2016

In accordance with the guidelines established by the NRC, dated December, 1987, "Guidelines for Decontamination of Facilities and Equipment prior to Release for Unrestricted Use", we herein submit the final survey of the facility. Nick Meman, Lead Technologist performed this survey on October 3, 2016. (Refer to enclosure).

We would like to request the enclosed survey, reviewed by a reputable health physics consulting group, be used to release the area in place of NRC performing a final survey. Enclosed also find the most recent leak test for the facility's sealed sources.

Once the areas are released, it is also requested that the previous area (2131 K St Suite 800) be removed as an area of use from our Radioactive Material License #08-23376-01 and that our mailing address be changed to our new location of 1133 21st Street, NW Suite 700, Washington, DC 20036.

If you have any questions regarding this request, please contact the undersigned or Shelley Sturtz of Krueger-Gilbert Health Physics, Inc at (410)692-9806.

Respectfully,

Reginald Lamar Robinson, MD

Radiation Safety Officer

1133 21st Street, NW Suite 700 Washington, DC 20036 202-416-2000 PHONE 202-416-2007 FAX HeartCAPC.com

Joel Rosenberg, MD Benjamin I. Lee, MD Susan K. Bennett, MD Robert A. Lager, MD Kenneth Lee, MD Michael Lee, MD

Electrophysiology

Jay A. Mazel, MD Allison C. Warren, MD

Additional Locations:

- Annapolis Cardiology Medical Parkway - 410-573-6480 PHONE
- Annapolis Vascular: 410-571-8430 PHONE
- Bowie: 301-809-6880/410-741-1835 PHONE
- Brandywine: 301-782-2220 PHONE
- Kent Island: 410-643-3186 PHONE
- Leonardtown: 240-434-4070 PHONE
- Olney: 301-570-7404 PHONE
- Washington, DC:
 - Irving St.: 202-877-5800 PHONE

James W. Ross, MD Elizabeth M. Kingsley, MD Jonathan A. Altschuler, MD John J. Kennedy, MD Edward I. Morris, MD Robert A. Gallino, MD Kelley W. Sullivan, MD William C. Maxted, Jr. MD Reginald L. Robinson, MD Barbara L. Bean, MD, PhD Reed M. Shnider, MD Bernard M. Wagman, MD Lawrence D. Jacobs, MD Stephanie S. Jacobs, MD Valeriani R. Bead, MD Scott M. Katzen, MD Stuart D. Gould, MD Orest B. Bartoszyk, MD Terrance A. Collins, MD Conor F. Lundergan, MD Jeffrey B. Trabb, MD Louis K. Essandoh, MD Estelle D. Jean, MD Oluseyi O. Princewill, MD

Electrophysiology

Michael S. Goldstein, MD

Vascular Surgery

John D. Martin, MD Stephen F. Stanziale, MD Mark O. Peeler, MD Geetha Jeyabalan, MD Joseph C. Wuamett, MD

NMSS/RGNI MATERIAL C-000

Knowledge and Compassion

Focused on You

October 19, 2016

Reginald Lamar Robinson, M.D. Medstar Cardiology Associates (K Street) 2131 K Street, Suite 800 Washington, D.C. 20037

Dear Dr. Robinson

On October 3, 2016 Nick Meman, Nuclear Technologist, conducted a closeout survey of the nuclear medicine department at your previous location of 2131 K Street, Suite 800, Washington, D.C.20017. The closeout survey was performed in accordance with guidelines established by the NRC, dated December, 1987, "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use." Wipe testing and survey meter monitoring were performed as indicated on the enclosed diagrams. In addition, you will find a draft letter to the Nuclear Regulatory Commission requesting the release of these areas for unrestricted use, and termination of the location's radioactive material license.

Wipe tests were conducted on 100 cm² areas using absorbent paper moistened with alcohol. Counting of the wipes was performed using a Atomlab 500 Well Counter with a wide window efficiency for Tc-99m of 82% (25 keV) to (800 keV).

As the enclosures demonstrate, the surveyed areas were free of radioactive sources and contamination.

Please take the following action:

- 1 Print the enclosed draft on facility letterhead and sign.
- 2 Forward the signed letter and copy of closeout survey report to the NRC at the address indicated on the draft.
- 3 Retain one copy of the entire package in the facility's license file.

Upon receipt of the release and termination letter, please forward a copy to the offices of Krueger-Gilbert Health Physics, Inc. for our files.

Any questions regarding the above matter should be addressed to the undersigned.

Shelley Sturtz, CNMT Health Physics Consultant

Enclosures:

NRC letter Closeout Survey Leak Test



Krueger-Gilbert Health Physics, Inc.

1118 BALDWIN MILL ROAD JARRETTSVILLE, MARYLAND 21084 (410) 692-9806 FAX (410) 692-9807

August 23, 2016

Cardiology Associates, LLC Nuclear Cardiology Department 2131 K Street, NW, Suite 800 Washington, DC 20037

RE: RAM Radiation Protection Survey

NRC License Number 08-23376-01.

Docket No: 030-20994

SEALED SOURCE INVENTORY AND LEAK TEST

The following sealed sources were physically inventoried at the time of the survey. Where appropriate, leak test samples were collected to be analyzed at the office of Krueger-Gilbert Health Physics, Inc. Detailed procedures, results and equipment quality control results are on file at the office of Krueger-Gilbert Health Physics, Inc.

				Calibration	Calibration	Removable
L	Isotope	Description	Manufacturer/SN	Activity	Date	Contamination (µCi)
	Cs-137	Vial	Amersham/3477MA	285.6 μCi	1-Dec-83	Less than 0.001
	Co-57	Vial	CH/1756-10-12	5.389 mCi	1-Oct-14	Less than 0.001
	Co-57	Flood	E/Z 1887-004	10 mCi	1-May-16	Less than 0.001
	Co-57	Flood	E/Z 738-042	10 mCi	1-Jun-14	Less than 0.001
ſ	Co-57	Vial	BM/06057S10105113	5.93 mCi	19-Apr-10	Less than 0.001

The following sources have been returned. Return acknowledgement must be kept on file.

Co-57	Flood	E/Z 1565-121	10 mCi	1-Feb-12	Less than 0.001
Co-57	Flood	E/Z 1666-080	10 mCi	1-May-13	Less than 0.001

Performed by Krueger-Gilbert Health Physics, Inc.:

Shill 8/23/2016

Shelley Sturtz, CNMT Health Physics Consultant Date

Krueger-Gilbert Health Physics, Inc. 1118 BAI DWIN MILL ROAD P.O. BOX 410 JARRETTSVILLE, MARYLAND 21084-0410 (410) 692-9806 FAX (410) 692-9807

October 19, 2	016			
		CLOSE-OUT SURVEY:	10/3/2016	
Nuclear Cardi	ssociates, LLC iology Department , NW, Suite 800 DC 20037			
·	osure levels were moni Ludlum Model 14C w, ed and results are enclo		g equipment: Calibration date:	11/23/2015
	and results are indicate Atomlab 500 Counter Calibration Date: Detector Efficiency:	ed on the enclosed diagr SN: 10080143 7/15/2016	nt paper moistened with ram.	alcohol.
	f this survey no renoval to the new address.	tion was in progress. Th	e Hot Lab contents and tl	he camera room have
Performed by	: Nick Meman, Nuclear	Technologist		



Krueger-Gilbert Health Physics, Inc. HIB BALDWIN MILL ROAD P.O. BOX 410 JARRETTSVILLE, MARYLAND 21084-0410 (410) 692-9806 FAX (410) 692-9807

October 19, 2016

HOT LAB

Survey Results

10/3/2016

Survey Date: Instrument:

Ludlum Model 14C w/44-9 Probe

Calibration Date: 11/23/2015

1-10

Background:

.02 mR/hr

Sample location Reading .02 mR/hr

Wip	e Tes	it Res	ults
-----	-------	--------	------

10/3/2016

Atomlab 500 Counter SN:

10080143

7/15/2016

Sample location	Reading
1-3	 bkg
4-6	 bkg
7-10	 bkg

1		2	3
4		5	6
7	8	9	10



Krueger-Gilbert Health Physics, Inc. HIR BALDWIN MILL ROAD P.O. BOX 410 JARRETTSVILLE, MARYLAND 21084-0410 (410) 692-9806 FAX (410) 692-9807

October 19, 2016

INJECTION ROOM

Survey Results

Wipe Test Results

Survey Date:

10/3/2016

Instrument:

Ludlum Model 14C w/44-9 Probe

10/3/2016

Atomlab 500 Counter SN:

10080143

Calibration Date: 11/23/2015

7/15/2016

Background:

.02 mR/hr

Sample location	Reading	
1-8	.02 mR/hr	

Sample location	Reading
1-3	 bkg
4-6	 bkg
7-8	 bkg

1	2	3
4	5	6
7		8

Krueger-Gilbert Health Physics, Inc. HIR BALDWIN MILL ROAD P.O. BOX 410 JARRETT SVILLE, MARYLAND 21084-0410 (410) 692-9806 FAX (410) 692-9807

October 19, 2016

CAMERA ROOM

Survey Results

Wipe Test Results

Survey Date:

10/3/2016

Instrument:

Ludlum Model 14C w/44-9 Probe

10/3/2016

Atomlab 500 Counter SN:

10080143

Calibration Date: 11/23/2015

7/15/2016

Background:

.02 mR/hr

Sample location	Reading	
1-10	.02 mR/hr	

Sample location	Reading
1-3	 bkg
4-6	 bkg
7-10	 bkg

1		2	3
4		5	6
7	8	9	10



Krueger-Gilbert Health Physics, Inc. HIR BALDWIN MILL ROAD P.O. BOX 410 JARRETTSVILLE, MARYLAND 21084-0410 (410) 692 9806 FAX (410) 692 9807

October 19, 2016

TREADMILL ROOM

Survey Results

Wipe Test Results

Survey Date:

10/3/2016

Instrument:

Ludlum Model 14C w/44-9 Probe

Atomiab 500 Counter SN:

10080143

Calibration Date: 11/23/2015

7/15/2016

10/3/2016

Background:

.02 mR/hr

Sample location	Reading
1-10	.02 mR/hr

Sample location	Reading
1-3	 bkg
4-6	 bkg
7-10	 bkg

1	2	2	3
4	5	5	6
7	8	9	10

NRC-FORM 532 (05-2016)



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

18. ************************************				
Name and Address of Applicant and/or Licensee	Date			
	November 29, 2016			
	License Number(s)			
Cardiology Associates, LLC	08-23376-01			
ATTN: Julie Marshall, Director of Operations 1133 21st Street, NW	Mail Control Number(s)			
7th Floor	592386			
Washington, DC 20037	Licensing and/or Technical Reviewer or Branch			
	Medical Branch Becid. or Application Dated: 11/14/2016			
This is to acknowledge receipt of your:	i/or Application Dated: 11/14/2016			
The initial processing, which included an administrative	review, has been performed.			
✓ Amendment				
✓ There were no administrative omissions identified	during our initial review.			
This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.				
Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf				
Follow the instructions on the form for submission.				
The following administrative omissions have been identified:				
Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:				
Region I U. S. Nuclear Regulatory Commission of Nuclear Materials Safety 2100 Renaissance Boulevard, Suite King of Prussia, PA 19406-2713 (610) 337-5260, (610) 337-5313, (610) 337-5398, or (610) 337-5239				