

## Walt, GERALYN

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**From:** Shelley Sturtz <ssturtz@kruegergilbert.com>  
**Sent:** Tuesday, January 03, 2017 6:08 PM  
**To:** Meman, Nick  
**Cc:** Elliott, Robin  
**Subject:** [External\_Sender] CA K Street Closeout NRC 08-23376-01  
**Attachments:** CA K ST CLOSEOUT.1016.2.nrc page updated.pdf; shipping papers 09202016.pdf

Hi Nick and Robin,

I have made sense of the trail of sealed sources. Apparently, per Nick, all the sources were transferred to the new Lafayette address. Subsequently, one of the sources was sent to the Bowie office. This is different than what I was aware of at the time. I have corrected the NRC letter. I am attaching it and the appropriate shipping papers for the 5 sources that were shipped to 1121 21<sup>st</sup> St...the original leak test submitted to the NRC is correct it reflects 5 sources and all 5 were shipped to 21<sup>st</sup> Street. Robin, if you need this form signed by the RSO, just let us know...Thanks for your time and patience in this matter

*Shelley Sturtz, B.M., CNMT*  
Health Physics Consultant

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# Krueger-Gilbert Health Physics, Inc.

1118 BALDWIN MILI. ROAD  
P.O. BOX 410  
JARRETTSVILLE, MARYLAND 21084-0410  
(410) 692-9806 FAX (410) 692-9807

January 3, 2017

CLOSE-OUT SURVEY: 10/3/2016

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

Radiation exposure levels were monitored with the following equipment:

Ludlum Model 14C w/44-9 Probe

Calibration date:

11/23/2015

Areas Surveyed and results are enclosed.

Wipe tests were conducted on 100cm<sup>2</sup> areas using absorbent paper moistened with alcohol.

Wipe testing and results are indicated on the enclosed diagram.

Instrument: Atomlab 500 Counter SN: 10080143

Calibration Date: 7/15/2016

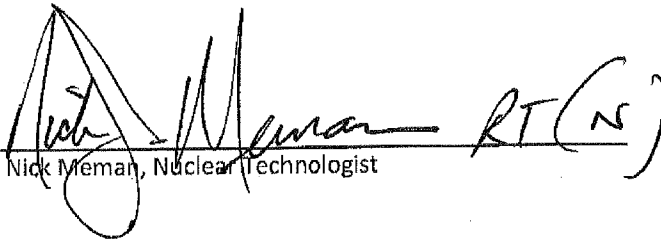
Detector Efficiency:

Tc-99m (wide window)

82% (25-800kev)

At the time of this survey no renovation was in progress. The Hot Lab contents and the camera room have been moved to the new address.

Performed by:

  
Nick Memari, Nuclear Technologist

**SHIPPING PAPER FOR DANGEROUS GOODS**

CARRIER: SAME AS SHIPPER

ORIGIN:

Bill No.:

<p><b>SHIPPER:</b>                  Cardiology Associates K Street                  2131 K Street NW                  Washington DC 20037</p>	<p><b>CONSIGNEE NAME AND ADDRESS:</b>                  * Cardiology Associates Lafayette Square                  1133 21st Street NW                  Washington DC 20037</p>
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<u>Proper Shipping Name</u>	<u>Hazard Class</u>	<u>UN No.</u>
Radioactive Material, Type A Package	7	UN 2915

**NATURE AND QUANTITY OF DANGEROUS GOODS**

<u>NO. PIECES WITHIN BOX</u>	<u>RADIONUCLIDE</u>	<u>CHEMICAL FORM/PHYSICAL STATE</u>	<u>ACTIVITY - GBq</u>	<u>ACTIVITY - mCi</u>
1	Co-57	Sealed Source / Solid	0.258	( 6.964 )
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
Total Activity Contained in one (1) box:			0.258	( 6.964 )

*Flood E2 11887-004*

*DDA*

**RADIOACTIVE LABEL CATEGORY:**

~~Radioactive White-I~~      **Radioactive Yellow-II**      Transport Index: 0.1

Emergency Spill-Leak-Fire-Exposure or Accident Contact: CHEMTREC 800-424-9300 Customer # 204503

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to applicable regulations for the Department of Transportation.

<b>Certified By:</b> <i>Daniel A. ...</i>		<b>Courier Signature:</b>		<b>Consignee Signature:</b>	
<b>Date:</b> 9/20/16	<b>Time:</b> 11:53	<b>Date:</b> 9/20/16	<b>Time:</b>	<b>Date:</b> 9/20/16	<b>Time:</b>

Run: ↓      Route:      Box:

*then sent to Bowie office on 10/12/16*

**SHIPPING PAPER FOR DANGEROUS GOODS**

CARRIER: SAME AS SHIPPER

ORIGIN:

Bill No.:

<p><b>SHIPPER:</b>                  Cardiology Associates K Street                  2131 K Street NW                  Washington DC 20037</p>	<p><b>CONSIGNEE NAME AND ADDRESS:</b>                  Cardiolgy Associates Lafayette Square                  1133 21st Street NW                  Washington DC 20037</p>
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<u>Proper Shipping Name</u>	<u>Hazard Class</u>	<u>UN No.</u>
Radioactive Material, Type A Package	7	UN 2915

NATURE AND QUANTITY OF DANGEROUS GOODS				
<u>NO. PIECES WITHIN BOX</u>	<u>RADIONUCLIDE</u>	<u>CHEMICAL FORM/PHYSICAL STATE</u>	<u>ACTIVITY -- GBq</u>	<u>ACTIVITY -- mCi</u>
1	Co-57	Sealed Source / Solid	0.043	( 1.168 )
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
Total Activity Contained in one (1) box:			0.043	( 1.168 )

*Flood  
E21 738-042*

<b>RADIOACTIVE LABEL CATEGORY:</b>		
Radioactive White-I	<del>Radioactive Yellow-II</del>	Transport Index: <u>0</u>
Emergency Spill-Leak-Fire-Exposure or Accident Contact: CHEMTREC 800-424-9300 Customer # 204503		

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to applicable regulations for the Department of Transportation.

Certified By:		Courier Signature:		Consignee Signature:	
<i>Donald J...</i>					
Date:	Time:	Date:	Time:	Date:	Time:
9/20/16	11:50	9/20/16		9/20/16	

Run: \_\_\_\_\_ Route: \_\_\_\_\_ Box: \_\_\_\_\_

**SHIPPING PAPER FOR DANGEROUS GOODS**

CARRIER: SAME AS SHIPPER

ORIGIN:

Bill No.:

<p><b>SHIPPER:</b>                  Cardiology Associates K Street                  2131 K Street NW                  Washington DC 20037</p>	<p><b>CONSIGNEE NAME AND ADDRESS:</b>                  Cardiology Associates Lafayette Square                  1133 21st Street NW                  Washington DC 20037</p>
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<u>Proper Shipping Name</u>	<u>Hazard Class</u>	<u>UN No.</u>
Radioactive Material, Type A Package	7	UN 2915

**NATURE AND QUANTITY OF DANGEROUS GOODS**

<u>NO. PIECES WITHIN BOX</u>	<u>RADIONUCLIDE</u>	<u>CHEMICAL FORM/PHYSICAL STATE</u>	<u>ACTIVITY - Cbq</u>	<u>ACTIVITY - mCi</u>
2	Co-57	Sealed Source / Solid - 2 vials	0.032	( 0.874 )
1	CS-137	Sealed Source / Solid - 1 vial	0.005	( 0.134 )
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
			0.000	
Total Activity Contained in one (1) box:			0.037	( 1.008 )

*Co vial CH / 1756-10-12*  
*Co vial BM / 060575 10105113*  
*CS vial Am / 3477.MA*

**RADIOACTIVE LABEL CATEGORY:**

~~Radioactive White-I~~      **Radioactive Yellow-II**      Transport Index: 0.1

Emergency Spill-Leak-Fire-Exposure or Accident Contact: CHEMTREC 800-424-9300 Customer # 204503

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to applicable regulations for the Department of Transportation.

Certified By:		Courier Signature:		Consignee Signature:	
<i>Daniel S. A.</i>					
Date:	Time:	Date:	Time:	Date:	Time:
9/20/16	11:45	9/20/16		9/20/16	

Run:

Route:

Box:

DRAFT

Licensing Assistance Team  
Division of Nuclear Materials Safety  
US NRC Region 1  
2100 Renaissance Boulevard  
King of Prussia, PA 19406

RE: Release of Restricted Area  
Medstar Cardiology Associates LLC (K St)  
2131 K St, Suite 800  
Washington, D.C. 20037  
License #: 08-23376-01  
Docket # 030-20994

Dear License Reviewer:

I am writing to request the areas previously utilized as Restricted Areas at our previous location at 2131 K St., Suite 800, Washington, D.C. 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 20, 2016. Please note this update as to the transfer of the following sealed sources. Two Co57 sheet sources, One Cs137 and two Co57 vial sources were relocated to our new address: 1133 21st Street, 6th Floor, Washington, DC 20037, by Cardinal Health LLC. A copy of the most current leak test is enclosed along with copies of the shipping papers.

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 #08-223376-01 and that our mailing address be changed to our new location of 1133 21st Street, 6th floor, Washington, D.C. 20037.

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, M.D.  
Radiation Safety Officer