

**NEW JERSEY CARDIOLOGY ASSOCIATES  
 DIVISION OF NUCLEAR MEDICINE  
 374 MOUNT PLEASANT AVENUE  
 WEST ORANGE, NJ 07052  
 Phone: 973-731-9442  
 Fax: 973-731-2918**

*J-6  
MS-16*

2009 JUN 26 AM 10:46

RECEIVED  
REGION I

Dennis Lawyer  
 Licensing Assistant Section  
 Nuclear Materials Safety Branch  
 U.S. Nuclear Regulatory Commission, Region I  
 475 Allendale Road  
 King of Prussia, PA 19406-1415

*03034716*

Re: Additional information Decommissioning NRC License #29-30448-01  
 Control Number : 143671

May 15, 2009

Dear Mr. Lawyer:

Enclosed are the inventory and leak test results of the sealed sources that were moved from 769 Northfield Avenue, Suite 210-220 West Orange, NJ to 375 Mount Pleasant Avenue, The Heart Pavilion First Floor, West Orange, NJ on March 26, 2009.

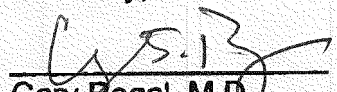
The phone and fax number for our 375 Mount Pleasant office is:  
 Phone: 973-731-8609  
 Fax: 973-731-9546

Our facility located at 5 Franklin Avenue, Suite 502, Belleville, NJ 07109 will remain on our license.

Please be informed that we have changed the name of our facility to New Jersey Cardiology Associates.

Please contact Elaine Rovazzi, M.S., DABR, Physicist @ 973-322-5118 if you need additional information. Thank you in advance for your assistance. We look forward to receiving our amended license.

Sincerely,

  
 Gary Rogal, M.D.  
 Management

Enc: Sealed Source inventory and leak test

REC'D IN LAT 6/24/09  
 via fax

*143671*  
 NPS/REGNI MATER. ALS-002

**Elaine Rovazzi, M.S.**  
**Nuclear Medicine Physics Consultant**  
**Box 646**  
**Essex Fells NJ 07021**

---

**Tel. (973)322-5118**  
**Fax. (973)322-2479**  
**Email. rovazzi@aol.com**

Gary Rogal, M.D.  
Sabino Torre, M.D./ RSO  
Diagnostic and Clinical Cardiology  
769 Northfield Avenue, Suite 210-220  
West Orange, NJ 07052

Re. Decommissioning Additional Info Suite 210-220 Northfield Avenue, West Orange, NJ

May 15, 2009

Dear Dr. Rogal,

The NRC is requesting additional information regarding your decommissioning of 769 Northfield Avenue, Suite 210-220, West Orange, NJ Please review, sign and file the enclosed letter.

**FEDEX to:**  
**Dennis Lawyer**  
**U.S. Nuclear Regulatory Commission**  
**Region I**  
**475 Allendale Road**  
**King of Prussia, Pennsylvania 19406**

**FAX : 610-337-5269**  
**Phone: 610-337 5000**

I remain available should you have any questions.

Sincerely,

  
Elaine Rovazzi, M.S., D.A.B.R.

*Board Certified:*  
*American Board of Radiology*

DIAGNOSTIC AND CLINICAL CARDIOLOGY  
DIVISION OF NUCLEAR MEDICINE  
NEW JERSEY CARDIOLOGY ASSOCIATES  
WEST ORANGE, NEW JERSEY 07052

RADIONUCLIDE SEALED SOURCE LEAK TESTING  
3/ 27/ 2009

INSTRUMENT: LUDLUM 2200 #147516

Cs-137 Check Source: .1 uCi on 4/ 15/ 1998 ( .077765 uCi on 3/ 27/ 2009)  
Gross Counts = 52196 cts/ 1 mins Bkg Cts = 553 cts/ 1 mins  
Net Counts = 51643 cpm  
Conversion Factor : 0.005 uCi = 3320 cpm  
MDA ( 1 mins counting time) = .000106 uCi

Co-57 Check Source: .1134 uCi on 8/ 1/ 2008 ( .061688 uCi on 3/ 27/ 2009)  
Gross Counts = 122300 cts/ 1 mins Bkg Cts = 553 cts/ 1 mins  
Net Counts = 121747 cpm  
Conversion Factor : 0.005 uCi = 9868 cpm  
MDA ( 1 mins counting time) = .000036 uCi

WIPE TEST RESULTS


Cs-137 Source #VIAL S356036089  
Gross = 566 cts Bkg = 553 cts Net Cts = 13 cts/ 1 mins = .00002 uCi


Co-57 Source #VIAL 76784  
Gross = 606 cts Bkg = 553 cts Net Cts = 53 cts/ 1 mins = .000027 uCi

Co-57 Source #FLOOD MED 1253173  
Gross = 642 cts Bkg = 553 cts Net Cts = 89 cts/ 1 mins = .000045 uCi

RESULTS

Wipe-testing shows less than 0.005 uCi of removable contamination on all sealed sources tested

  
Elaine Rovazzi, M.S.  
Physicist

  
Radiation Safety Officer

**DIAGNOSTIC AND CLINICAL CARDIOLOGY  
New Jersey Cardiology Associates  
315 Mount Pleasant Avenue First Floor  
West Orange, NJ 07052**

**SEALED SOURCE INVENTORY  
ALL SOURCES ARE LOCATED IN THE NUCLEAR MEDICINE HOTLAB**

<u>RADIONUCLIDE</u>	<u>FORM</u>	<u>CAL. ACTIVITY</u>	<u>DATE</u>	<u>INVENTORY</u>
1. Cs-137	Vial E #S356036-089	224 uCi	12/24/97	<u>  X  </u>
2. Cs-137	Check source (#05-981196)	1 uCi	GM	<u>  X  </u>
3. Cs-137	Rod Source	.100 uCi	4/15/98	<u>  X  </u>
4. Co-57	Rod Source 36093	.1189 uCi	5/1/03	<u>  X  </u>
5. Co-57	Rod Source	.111 uCi	4/14/98	<u>Not used</u>
6. Co-57	Vial 76784	5.603 mCi	3/1/06	<u>  X  </u>
7. Co-57	Flood MED 1253173	7.5 mCi	9/1/07	<u>  X  </u>
8. Cs-137	Check source	1 uCi	GM	<u>  X  </u>

INVENTORY DATE : May 15, 2009

*Clair Borazjani*  
Physicist

*[Signature]*  
Radiation Safety Officer

Revision Date: 7/9/08


DIAGNOSTIC AND CLINICAL CARDIOLOGY  
DIVISION OF NUCLEAR MEDICINE  
375 MOUNT PLEASANT AVENUE  
WEST ORANGE, NJ

**LINEATOR CALIBRATION WORK SHEET**

DATE: 5/15/09  
DOSE CALIBRATOR: Atomlab 100 # 1556029  
SOURCE: Tc-99m 10ml vial (41.0 mCi)  
BACKGROUND: 0.0 uCi  
RANGE: AUTO

TUBES	READING	PRESENT FACTOR	INITIAL FACTOR	PERCENT RATIO
1 ONLY	35.0 mCi	1	1	100
1 + 2	7.11 mCi	4.92	5.04	97.6
1 + 3a	3,25 mCi	10.76	10.95	98.3
1 + 2 + 3a	656 uCi	53.35	54.8	97.3
1 + 4	207 uCi	169.08	163.91	103.2
1 + 2 + 4	43.0 uCi	813.95	781.87	104.1
1 + 3a + 4	22 uCi	1590.9	1662.01	95.7

  
Elaine Rovazzi, M.S.  
Consultant Physicist

  
Sabino Torre, M.D.  
Radiation Safety Officer

DIAGNOSTIC AND CLINICAL CARDIOLOGY  
NEW JERSEY CARDIOLOGY ASSOCIATES  
DIVISION OF NUCLEAR MEDICINE  
375 MOUNT PLEASANT AVENUE, WEST ORANGE NJ 07052

RADIONUCLIDE SEALED SOURCE LEAK TESTING  
5/ 15/ 2009

INSTRUMENT: LUDLUM 2200 #147516

Cs-137 Check Source: .1 uCi on 4/ 15/ 1998 ( .077526 uCi on 5/ 15/ 2009)  
Gross Counts = 55395 cts/ 1 mins Bkg Cts = 458 cts/ 1 mins  
Net Counts = 54937 cpm  
Conversion Factor : 0.005 uCi = 3543 cpm  
MDA ( 1 mins counting time) = .000091 uCi

Co-57 Check Source: .1134 uCi on 8/ 1/ 2008 ( .05442 uCi on 5/ 15/ 2009)  
Gross Counts = 110538 cts/ 1 mins Bkg Cts = 458 cts/ 1 mins  
Net Counts = 110080 cpm  
Conversion Factor : 0.005 uCi = 10113 cpm  
MDA ( 1 mins counting time) = .000032 uCi

WIPE TEST RESULTS

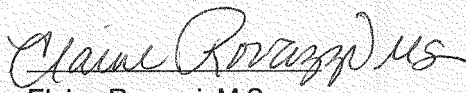
Cs-137 Source #VIAL S356036089  
Gross = 455 cts Bkg = 458 cts Net Cts = -3 cts/ 1 mins = 0 uCi

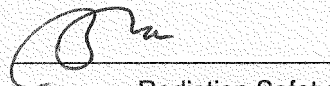
Co-57 Source #VIAL 76784  
Gross = 466 cts Bkg = 458 cts Net Cts = 8 cts/ 1 mins = .000004 uCi

Co-57 Source #FLOOD 1253173  
Gross = 486 cts Bkg = 458 cts Net Cts = 28 cts/ 1 mins = .000014 uCi

RESULTS

Wipe-testing shows less than 0.005 uCi of removable contamination on all sealed sources tested

  
Elaine Rovazzi, M.S.  
Physicist

  
Radiation Safety Officer

**DIAGNOSTIC AND CLINICAL CARDIOLOGY  
New Jersey Cardiology Associates  
375 Mount Pleasant Avenue First Floor  
West Orange, NJ 07052**

**SEALED SOURCE INVENTORY  
ALL SOURCES ARE LOCATED IN THE NUCLEAR MEDICINE HOTLAB**

<u>RADIONUCLIDE</u>	<u>FORM</u>	<u>CAL. ACTIVITY</u>	<u>DATE</u>	<u>INVENTORY</u>
1. Cs-137	Vial E #S356036-089	224 uCi	12/24/97	<u>X</u>
2. Cs-137	Check source (#05-981196)	1 uCi	GM	<u>X</u>
3. Cs-137	Rod Source	.100 uCi	4/15/98	<u>X</u>
4. Co-57	Rod Source 36093	.1189 uCi	5/1/03	<u>X</u>
5. Co-57	Rod Source	.111 uCi	4/14/98	<u>Not used</u>
6. Co-57	Vial 76784	5.603 mCi	3/1/06	<u>X</u>
7. Co-57	Flood MED 1253173	7.5 mCi	9/1/07	<u>X</u>
8. Cs-137	Check source	1 uCi	GM	<u>X</u>

INVENTORY DATE : March 27, 2009

*Chaine Rozay MS*  
Physicist

  
Radiation Safety Officer

Revision Date: 7/9/08

DIAGNOSTIC AND CLINICAL CARDIOLOGY  
769 NORTHFIELD AVENUE  
SUITE 220  
WEST ORANGE, NJ

**LINEATOR CALIBRATION WORK SHEET**

DATE: 3/27/09  
DOSE CALIBRATOR: Atomlab 100 #1556029  
SOURCE: Tc-99m 10ml vial

BACKGROUND: 0.0 uCi  
RANGE: AUTO

TUBES	READING	PRESENT FACTOR	INITIAL FACTOR	PERCENT RATIO
1 ONLY	35.6 mCi	1	1	100
1 + 2	7.18 mCi	4.96	5.04	98.4
1 + 3a	3.33 mCi	10.69	10.95	97.6
1 + 2 + 3a	675 uCi	52.74	54.8	96.2
1 + 4	219 uCi	162.55	163.91	99.2
1 + 2 + 4	44.2 uCi	805.42	781.87	103.0
1 + 3a + 4	21.7 uCi	1640.55	1662.01	98.7

  
Elaine Rovazzi, M.S.  
Consultant Physicist

  
Radiation Safety Officer