

Medical Associates of Ocean County, P.A.  
1301 Route 72 West, Suite 300  
Manahawkin, New Jersey 08050-2465  
(609) 597-6513 (Ext. 131)  
(609) 597-4593 (Fax)

August 31, 2007

NMSB2

Licensing Assistance Section  
Nuclear Medicine Safety Branch  
Division of Radiation Safety and Safeguards  
U.S. Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

RECEIVED  
REGION 1  
2007 SEP 28 PM 12:04

03034010

RE: License Number: 29-30261-01  
Amendment Application - Close-Out Survey  
Request For License Termination  
Helio J. Malinverni, M.D.

Dear License Reviewer:

We request our byproduct material license be terminated. The sealed sources used for instrument calibration have been sent to Eckert & Ziegler (Previously Isotope Products Labs) for final disposal. Eckert & Ziegler have prepared a document confirming receipt of the depleted sources. Please refer to the attachment section to reference this correspondence.

A listing of the returned sealed sources are provided within Attachment A. Please refer to this section for details. All sealed sources were leak tested before shipment. No removable contamination in excess of 0.001 uCi was measured through this analysis.

Unsealed byproduct material (Tc-99m) was last used by this licensee May 2007. Radioactive waste was allowed to decay for ten half-lives and monitored before final disposal (as regulated medical waste).

On August 31, 2007, a "Close-Out Survey" was completed of the nuclear medicine department. Following this analysis, it was concluded that ambient exposure and removable contamination measurements were documented at background radiation levels (0.03 mR/hr and < 200 dpm/100 cm<sup>2</sup>). Summary results are provided within Attachment A. Please refer to this section for details.

141130

NMSS/RGN1 MATERIALS-002

If you have additional questions, please contact me.

We thank you in advance for your assistance with this licensing action.

Sincerely,

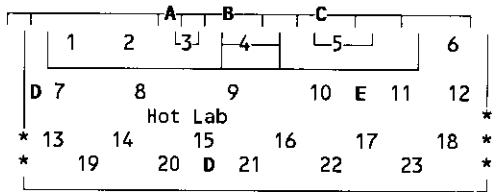
A handwritten signature in black ink, appearing to read 'Malinverni', with a stylized flourish at the end.

Helio J. Malinverni, M.D.  
Administrative Representative

## **Attachment A**

Helio J. Malinverni, M.D.  
52 Nautilus Drive  
Manahawkin, New Jersey 08050-2465

### Close-Out Survey Diagram



Legend:

- A. Dose Calibrator
- B. L-Shield & Preparation Area
- C. Sink
- D. Waste & Sealed Source Storage
- E. Package Receipt/Return

\*\* Locked Door

Nuclear cardiology operations were terminated at this imaging center in May 2007. All radioactive waste was allowed to decay for ten half-lives and monitored before disposal as regulated medical waste. The sealed sources were returned to the manufacturer for final disposal on September 4, 2007.

Helio J. Malinverni, M.D.  
52 Nautilus Drive  
Manahawkin, New Jersey 08050-2465

Close-Out Survey

August 31, 2007

Survey Areas (Refer to Diagram)			
Area	Ambient Exposure Survey (mR/hr)	Removable Contamination (DPM/300 cm <sup>2</sup> )	Initials
Hot Lab			
Bkg	0.03	415 cpm x 1.20 = 498 dpm	MWL
1	0.03	507 dpm - 498 dpm = 9 dpm	MWL
2	0.03	488 dpm - 498 dpm = 0 dpm	MWL
3	0.03	517 dpm - 498 dpm = 19 dpm	MWL
4	0.03	495 dpm - 498 dpm = 0 dpm	MWL
5	0.03	490 dpm - 498 dpm = 0 dpm	MWL
6	0.03	515 dpm - 498 dpm = 17 dpm	MWL
7	0.03	501 dpm - 498 dpm = 3 dpm	MWL
8	0.03	498 dpm - 498 dpm = 0 dpm	MWL
9	0.03	500 dpm - 498 dpm = 2 dpm	MWL
10	0.03	529 dpm - 498 dpm = 31 dpm	MWL
11	0.03	499 dpm - 498 dpm = 1 dpm	MWL
12	0.03	506 dpm - 498 dpm = 8 dpm	MWL
13	0.03	491 dpm - 498 dpm = 0 dpm	MWL
14	0.03	508 dpm - 498 dpm = 10 dpm	MWL
15	0.03	489 dpm - 498 dpm = 0 dpm	MWL
16	0.03	511 dpm - 498 dpm = 13 dpm	MWL

1. Counting Efficiency = 83.2% (Correction Factor = 1.20) -
2. Survey Meter Used For Testing = Ludlum 14C, S/N 122291 (Calibration Date = 7/2007)
3. Ludlum 261 SCA & Well Counter Used For Testing
4. Survey conducted by Michael W. Lairmore Associates.
5. Survey Results analyzed by Michael W. Lairmore, Medical Physics Consultant

Helio J. Malinverni, M.D.  
52 Nautilus Drive  
Manahawkin, New Jersey 08050-2465

Close-Out Survey  
(Continued)

August 31, 2007

Survey Areas (Refer to Diagram)			
Area	Ambient Exposure Survey (mR/hr)	Removable Contamination (DPM/300 cm <sup>2</sup> )	Initials
Bkg	0.03	415 cpm x 1.20 = 498 dpm	MWL
17	0.03	502 dpm - 498 dpm = 4 dpm	MWL
18	0.03	496 dpm - 498 dpm = 0 dpm	MWL
19	0.03	517 dpm - 498 dpm = 19 dpm	MWL
20	0.03	490 dpm - 498 dpm = 0 dpm	MWL
21	0.03	493 dpm - 498 dpm = 0 dpm	MWL
22	0.03	491 dpm - 498 dpm = 0 dpm	MWL
23	0.03	494 dpm - 498 dpm = 0 dpm	MWL

1. Counting Efficiency = 83.2% (Correction Factor = 1.20)
2. Survey Meter Used For Testing = Ludlum 14C, S/N 122291 (Calibration Date = 7/2007)
3. Ludlum 261 SCA & Well Counter Used For Testing
4. Survey conducted by Michael W. Lairmore Associates.
5. Survey Results analyzed by Michael W. Lairmore, Medical Physics Consultant

RA# 114254

Sheet 2

# RETURN PACKING LIST

## FROM:

Company Name Medical Associates of New York  
 Address 1301 Route 72 West, Suite 800  
 City Manahawkin State NJ  
 Zip 08050  
 Contact Name Michelle Linaberry  
 Phone Number (609) 597-6513

## SEND TO:



**Eckert & Ziegler**  
 Isotope Products

**1800 North Keystone Street**  
**Burbank, CA 91504**

Tel 866-476-9767  
 Fax 661-257-8303  
 E-mail: nucmedsales@ezag.com

Package Summary: 2 Pkgs Summary #1 =

1 meq = 0.03 meq / 0.03 meq  
 Surface = 0.17 meq / 0.03 meq

**RETURN #RA**

1 meq = 21 meq / 130 meq  
 Container

**STOP:** Fill in the return number to the left. This packing list must be affixed to the outside of the package. Each returned source to IPL must be on a one-to-one exchange basis only. For additional returns, please contact IPL customer service for additional cost considerations.

Leak test 1.00 meq 1.00 meq

Important: Please complete all requested information below.

Total Act. = 398 meq

Shipped = 14.73 mBq

Nuclide	Current Activity	Reference Date	Serial Number	Capsule Description
1) <u>CS-137</u>	<u>E-Vial</u>	<u>248 uet on 11/8/1996</u>	<u>FF971</u>	<u>E-Vial</u>
	<u>Current act. = 246 meq</u>			
2) <u>Co-57</u>	<u>Flood Disk</u>	<u>10 meq on 01/01/2002</u>	<u>912-41</u>	<u>Flood Disk</u>
	<u>Current act. = 0 uei</u>			
3) <u>Co-57</u>	<u>Flood Disk</u>	<u>10 meq on 03/1/1999</u>	<u>3736 meq</u>	<u>Flood Disk</u>
4) <u>CS-137</u>	<u>Rad Source</u>	<u>1068 uei</u>	<u>EV129</u>	<u>CS-137 Rad.</u>
		<u>1995</u>		
5) <u>Co-57</u>	<u>Vial Source</u>	<u>5 meq on 5/11/1998</u>	<u>DF585</u>	<u>Co-57 Vial</u>

## FAX NUMBER:

NOTE: FAX number must be provided to ensure acknowledgement of return receipt.

(609) 597-2031

This section for IPL internal use only

Received at IPL by:

Print Name \_\_\_\_\_

Date \_\_\_\_\_

All source(s) received at IPL per packing slip? Yes \_\_\_ No \_\_\_

RA# 114254


Leak test completed on 8/31/2007 2:00 aet detected by m. d. Sheet 2

## RETURN PACKING LIST

### FROM:

Company Name Medical Associates of Oregon  
 Address 1301 Route 72 West Suite 820  
 City Massachusetts State NJ  
 Zip 08050  
 Contact Name Michelle Linaberry  
 Phone Number (609) 597-6513

### SEND TO:

 **Eckert & Ziegler**  
 Isotope Products  
 1800 North Keystone Street  
 Burbank, CA 91504  
 Tel 866-476-9767  
 Fax 661-257-8303  
 E-mail: nucmedsales@ezag.com

Package Return Pkg Smg tel 5

1 mfg 20.08 mahr 008 mahr  
 Surface 0.17 mahr 003 mahr

**RETURN #RA**

38 mld on 1300 mld  
 Unpkg 21 mld on 1300 mld  
 Container

STOP: Fill in the return number to the left. This packing list must be affixed to the outside of the package. Each returned source to IPL must be on a one-to-one exchange basis only. For additional returns, please contact IPL customer service for additional cost considerations.

Important: Please complete all requested information below.

Surf leak test 2:00 aet 2:00 aet

Total Act. = 398 mci  
 Shipped = 14.73 mBq

Outgo's  
 0.17 mBq

Nuclide	Current Activity	Reference Date	Serial Number	Capsule Description
*1) Cs-137	E-Vial <sup>250uCi</sup> 248 uet on 11/8/1996	FF-971	E. Vial	
2) Co-57	Fleck Disk 10 mci on 01/01/2002	912-41	Fleck Disk	
3) Co-57	Fleck Disk 10 mci on 03/19/99	3736 mci	Fleck Disk	
*4) Cs-137	Rad Source 1068 uet	EV129	Cs-137 Rad.	
*5) Co-57	Vial Source 5 mci on 5/11/1995	DE585	Co-57 Vial	

### FAX NUMBER:

NOTE: FAX number must be provided to ensure acknowledgement of return receipt.

(609) 597-2081

This section for IPL internal use only

Received at IPL by:

Print Name

Date

All source(s) received at IPL per packing slip?

Yes

No



This is to acknowledge the receipt of your letter/application dated

8/31/2007 (RECEIVED 9/28/2007) and to inform you that the initial processing which includes an administrative review has been performed.

☒ TEAM. 28-30261-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 141130.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

MEDICAL ASSOCIATES OF OCEAN COUNTY, P.A.  
1301 ROUTE 72 WEST, SUITE 300  
MANAHAWKIN, NJ 08050

ADDRESS CORRECTION REQUESTED



7006 2150 0002 9659 3683



0000



19406

U.S. POSTAGE  
PAID  
MANAHAWKIN, N.J.  
08050  
SEP 26, '07  
AMOUNT

\$6.11  
0007798

141130

Licensing Assistance Section  
Nuclear Medicine Safety Branch  
Division of Radiation Safety and Safeguards  
US Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415