

**Brick PET Partners
d/b/a PET Imaging Institute of New Jersey
1608 Route 88 West, Suite 301/302
Brick, New Jersey 08724
Phone Number: (732) 202-9044
Fax Number: (732) 840-0566**

K-4

October 6, 2006

RECEIVED
REGION 1
2007 JUL 24 PM 1:07

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

RE: **Amendment Application - Termination of Operations & License
Close-Out Survey
Brick PET Partners
License Number: 29-30692-01**

03035864

Dear License Reviewer:

We request our byproduct material license be terminated. A Close-out Survey has been performed and summary results included within Attachment A of this submission. The Close-Out Survey confirms that ambient exposure rates were measured at background radiation levels (0.03 mR/hr) and removable contamination was documented below 200 dpm/100 cm². Please refer to the attachment section of this submission for details.

The sealed sources used at this imaging center has been disposed as follows:

The Ge-68 sources used in conjunction with the PET scanner have been returned to the manufacturer (**Siemen's Medical Solution, 810 Innovation Drive, Knoxville, TN 37932**) for final disposal. Prior to shipment, each source was leak tested for removable contamination. No removable contamination in excess of 0.001 uCi was detected in the analysis. The returned sources are listed on the next page:

140855

NMSS/RGN1 MATERIALS-002

1. **Ge-68 Phantom; 3.38 mCi on 11/18/2005; Manufactured by Siemen's; S/N: 2380; Model Number: CS-20-3.**
2. **Ge-68 Rods; 3.30 mCi on 11/18/2005; Manufactured by Siemen's; S/N's: 4945 - 4947; Model Number: LS-EXACT.**
3. **Ge-68 Phantom; 3.40 mCi on 08/01/2004; Manufactured by Sanders's; S/N: 5347; Model Number: PET-20C19/3.**
4. **Ge-68 Rod; 3.30 mCi on 07/15/2004; Manufactured by Sander's; S/N's: 5242; Model Number: PET-168/3.3.**

The Cesium-137 e-vial and rod sources have been disposed through Cardinal Health. A letter attesting to this transfer has been enclosed within Attachment A. Please refer to this document for details. The transferred Cs-137 sources are listed below;

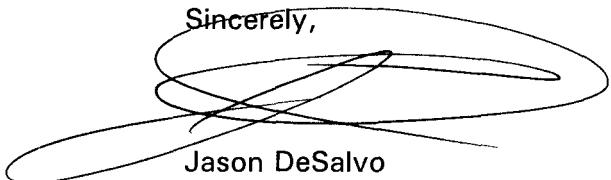
1. **Cesium-137 E-Vial; 258.6 uCi on 05/01/2002; Manufactured by IPL; S/N: 788-21-25; Model Number: RV-137-250U.**
2. **Cesium-137 Rod; .500 uCi on 04/01/2002; Manufactured by IPL; S/N: 851-33; Model Number: GF-0008.**

At the time of the Close-Out Survey, there were no radioactive material remaining at this imaging center. All radioactive waste was held for decay in storage (for ten half-lives) and subsequently, disposed as biohazardous waste.

If you require additional information, please contact Michael W. Lairmore or myself. Mr. Lairmore may be reached at (201) 693-2277.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jason DeSalvo", is written over a large, loopy circular flourish.

Jason DeSalvo
Administrative Representative

Attachment A

**Brick PET Partners
d/b/a PET Imaging Institute of New Jersey
1608 Route 88 West, Suite 301/302
Brick, New Jersey 08724**

Close-Out Survey Diagram

Office	A			B				
	1	2	3	10	11	12	13	14
	4	5	6	15	16	17	18	19
	7	8	9	20	21	22	23	24
	25	26C	27					
	28	29	30					
	30	31	32					
	33	34D	35					
	36	37	38					
	39	40	41					
	42	43 E	44	45				
	46	47	48	49				
	50	51	52	53 *				
	54	55	56	57 *				

Legend:

- A. Technologist Processing and Work Room
- B. PET Scanner & Imaging Area
- C. PET Preparation, Injection & Waiting Room #1
- D. PET Preparation, Injection & Waiting Room #2
- E. PET Hot Lab

******* Locked Door

**Brick PET Partners
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1608 Route 88 West, Suite 310/302
Brick, New Jersey 08724**

Close-Out Survey

September 6, 2006

Area	Ambient Exposure Survey (mR/hr)	Removable Contamination (DPM/200 cm²)	Initials
Bkg	0.03	645 cpm x 1.15 = 742 dpm	MWL
1	0.03	772 dpm - 742 dpm = 30 dpm	MWL
2	0.03	741 dpm - 742 dpm = 0 dpm	MWL
3	0.03	780 dpm - 742 dpm = 38 dpm	MWL
4	0.03	747 dpm - 742 dpm = 5 dpm	MWL
5	0.03	722 dpm - 742 dpm = 0 dpm	MWL
6	0.03	744 dpm - 742 dpm = 2 dpm	MWL
7	0.03	742 dpm - 742 dpm = 0 dpm	MWL
8	0.03	763 dpm - 742 dpm = 21 dpm	MWL
9	0.03	741 dpm - 742 dpm = 0 dpm	MWL
10	0.03	746 dpm - 742 dpm = 4 dpm	MWL
11	0.03	777 dpm - 742 dpm = 35 dpm	MWL
12	0.03	743 dpm - 742 dpm = 1 dpm	MWL
13	0.03	788 dpm - 742 dpm = 46 dpm	MWL
14	0.03	771 dpm - 742 dpm = 29 dpm	MWL
15	0.03	711 dpm - 742 dpm = 0 dpm	MWL
16	0.03	748 dpm - 742 dpm = 6 dpm	MWL

1. Counting Efficiency = 86.0% (Correction Factor = 1.15) -
2. Survey Meter Used For Testing = Ludlum 14C, S/N 183270 (Calibration Date = 5/11/2006)
3. Ludlum 2200 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

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**Close-Out Survey
(Continued)**

September 6, 2006

Area	Ambient Exposure Survey (mR/hr)	Removable Contamination (DPM/200 cm²)	Initials
Bkg	0.03	645 cpm x 1.15 = 742 dpm	MWL
17	0.03	740 dpm - 742 dpm = 0 dpm	MWL
18	0.03	735 dpm - 742 dpm = 0 dpm	MWL
19	0.03	744 dpm - 742 dpm = 2 dpm	MWL
20	0.03	755 dpm - 742 dpm = 13 dpm	MWL
21	0.03	760 dpm - 742 dpm = 18 dpm	MWL
22	0.03	740 dpm - 742 dpm = 0 dpm	MWL
23	0.03	727 dpm - 742 dpm = 0 dpm	MWL
24	0.03	749 dpm - 742 dpm = 7 dpm	MWL
25	0.03	739 dpm - 742 dpm = 0 dpm	MWL
26	0.03	757 dpm - 742 dpm = 15 dpm	MWL
27	0.03	744 dpm - 742 dpm = 2 dpm	MWL
28	0.03	730 dpm - 742 dpm = 0 dpm	MWL
29	0.03	766 dpm - 742 dpm = 24 dpm	MWL
30	0.03	754 dpm - 742 dpm = 12 dpm	MWL

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**Close-Out Survey
(Continued)**

September 6, 2006

Area	Ambient Exposure Survey (mR/hr)	Removable Contamination (DPM/200 cm²)	Initials
Bkg	0.03	645 cpm x 1.15 = 742 dpm	MWL
31	0.03	721 dpm - 742 dpm = 0 dpm	MWL
32	0.03	746 dpm - 742 dpm = 2 dpm	MWL
33	0.03	759 dpm - 742 dpm = 17 dpm	MWL
34	0.03	730 dpm - 742 dpm = 0 dpm	MWL
35	0.03	742 dpm - 742 dpm = 0 dpm	MWL
36	0.03	757 dpm - 742 dpm = 15 dpm	MWL
37	0.03	734 dpm - 742 dpm = 0 dpm	MWL
38	0.03	744 dpm - 742 dpm = 2 dpm	MWL
39	0.03	751 dpm - 742 dpm = 9 dpm	MWL
40	0.03	743 dpm - 742 dpm = 1 dpm	MWL
41	0.03	740 dpm - 742 dpm = 0 dpm	MWL
42	0.03	748 dpm - 742 dpm = 6 dpm	MWL
43	0.03	733 dpm - 742 dpm = 0 dpm	MWL

1. Counting Efficiency = 86.0% (Correction Factor = 1.15)
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**Close-Out Survey
(Continued)**

September 6, 2006

Area	Ambient Exposure Survey (mR/hr)	Removable Contamination (DPM/200 cm ²)	Initials
Bkg	0.03	645 cpm x 1.15 = 742 dpm	MWL
44	0.03	702 dpm - 742 dpm = 0 dpm	MWL
45	0.03	745 dpm - 742 dpm = 3 dpm	MWL
46	0.03	736 dpm - 742 dpm = 0 dpm	MWL
47	0.03	732 dpm - 742 dpm = 0 dpm	MWL
48	0.03	751 dpm - 742 dpm = 10 dpm	MWL
49	0.03	761 dpm - 742 dpm = 22 dpm	MWL
50	0.03	740 dpm - 742 dpm = 0 dpm	MWL
51	0.03	738 dpm - 742 dpm = 0 dpm	MWL
52	0.03	755 dpm - 742 dpm = 15 dpm	MWL
53	0.03	742 dpm - 742 dpm = 0 dpm	MWL
54	0.03	749 dpm - 742 dpm = 8 dpm	MWL
55	0.03	750 dpm - 742 dpm = 9 dpm	MWL
56	0.03	730 dpm - 742 dpm = 0 dpm	MWL
57	0.03	745 dpm - 742 dpm = 3 dpm	MWL

1. Counting Efficiency = 86.0% (Correction Factor = 1.15)
2. Survey Meter Used For Testing = Ludlum 14C, S/N 183270 (Calibration Date = 5/11/2006)
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Cardinal Health
Nuclear Pharmacy Services
30 Murray Hill Parkway, STE 400
East Rutherford, NJ 07073
201.460.1101 tel
201.460.1102 fax

www.cardinal.com



10/6/2006

**PET Imaging Institute
1608 Route 88 West Suite 302
Brick, New Jersey 08724**

This letter confirms the return for disposal of the following sources:

**Cs-137 vial #788-21-25
Cs-137 rod #851-33**

**The source was returned on 10/06/06 to Isotope Products Laboratories, 1800
North Keystone Street, Burbank, CA 91504.**

Wipe Test Result: 33

**Counter Efficiency: .157
Bkg cpm: 35
Net cpm: 0
Net μ Ci: 0**

Passed with < 0.005 uCi removable contamination.

Thank you for choosing Cardinal Health for your radiopharmaceutical needs.

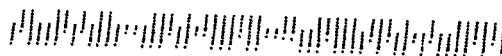
Sincerely,

**Abdul R. Kamara PharmD, BCNP
Pharmacy Manager**

A handwritten signature in cursive script that reads "Abdul Kamara".

BRICK PE
C/O

STRATEGIC OUTPATIENT SERVICES
70 GRAND AVENUE
RIVER EDGE, NJ 07661



7 0220 0003 3210 5644



UUUU



19406

U.S. POSTAGE
PAID
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LICENSE ASSISTANCE SECTION
NUCLEAR MEDICINE SAFETY BRANCH
DIVISION OF RADIATION SAFETY & SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION, REGION
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

140855

This is to acknowledge the receipt of your letter/~~application~~ dated 10/6/2006
CERTIFIED MAIL DATE
7/21/2007, and to inform you that the initial processing which
includes an administrative review has been performed.

☒ TEAM. 29-30692-01
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

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** 140855.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.