

**PETERSBURG HOSPITAL COMPANY, LLC**  
**d/b/a SOUTHSIDE REGIONAL MEDICAL CENTER**  
**NUCLEAR MEDICINE DEPARTMENT**  
**200 Medical Park Blvd.**  
**PETERSBURG, VA 23805**

Br. 1

August 27, 2008

RECEIVED  
REGION 1  
2008 AUG 29 PM 12:39

Nuclear Regulatory Commission  
Licensing Assistance Team  
**Attn. Penny Lanzisera**  
475 Allendale Road  
King of Prussia, PA 19406-1415

03003301

Subject: Deletion of old department in NRC License # 45-00317-02 after moving into the new hospital.

Dear Penny Lanzisera:

We have successfully moved into our new department and would like to delete our old floor plan from the license. Attached is a **Termination Radiation & Contamination Survey Report**, performed by our medical physicist Dean Broga Ph.D..

If I can provide anymore information please contact me at (804) 765-6066 (office), (804) 765-6065 (department) or kevin\_mullen@chs.net

As always, thank you for your help,

Kevin Mullen  
Nuclear Medicine Manager  
RSO



142762  
NRC/REG1.MATER.ALS-002

# TERMINATION RADIATION & CONTAMINATION SURVEY REPORT

Department of Nuclear Medicine  
Southside Regional Medical Center  
801 South Adams Street  
Petersburg, Virginia 23803

A termination radiation and contamination survey of the nuclear medicine facilities at Southside Regional Medical Center was performed on July 28, 2008. The potential presence of removable radioactive contamination was assessed using the swipe test method (see attached diagram). The swipes were analyzed for gross contamination using a Canberra NaI System 100 with an 82% efficiency for  $^{57}\text{Co}$ . No significant gross contamination was identified.

## Results

Swipe Number	Gross Count cpm	Background cpm	Net Activity dpm
1	22	24	-4
2	25	24	2
3	23	24	-2
4	22	24	-4
5	24	24	0
6	25	24	2
7	23	24	-2
8	24	24	0
9	27	24	6
10	25	24	2
11	22	24	-4
12	24	24	0

Fixed contamination levels and exposure levels were assessed in using a Lunlum Model 2 NaI s/n 6143 (calibrated 9/10/08) and a Victoreen 450P s/n 4427 (calibrated 2/08). The results are given on the attached diagram. No significant areas of fixed contamination could be found. No measurable levels of exposure over background were found.

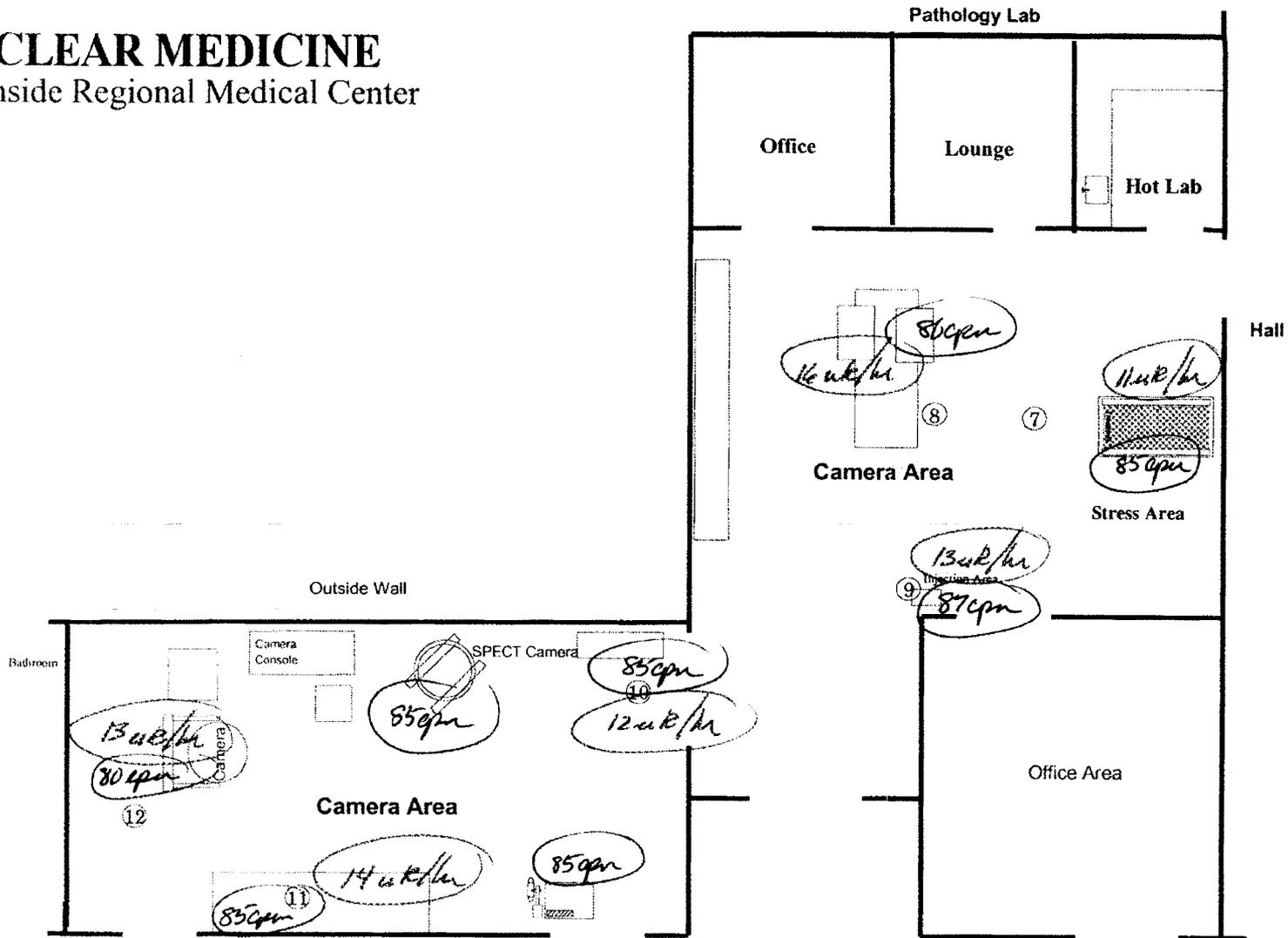
7/29/08  
Date

  
Dean W. Broga, Ph.D.

- Certified -

# NUCLEAR MEDICINE

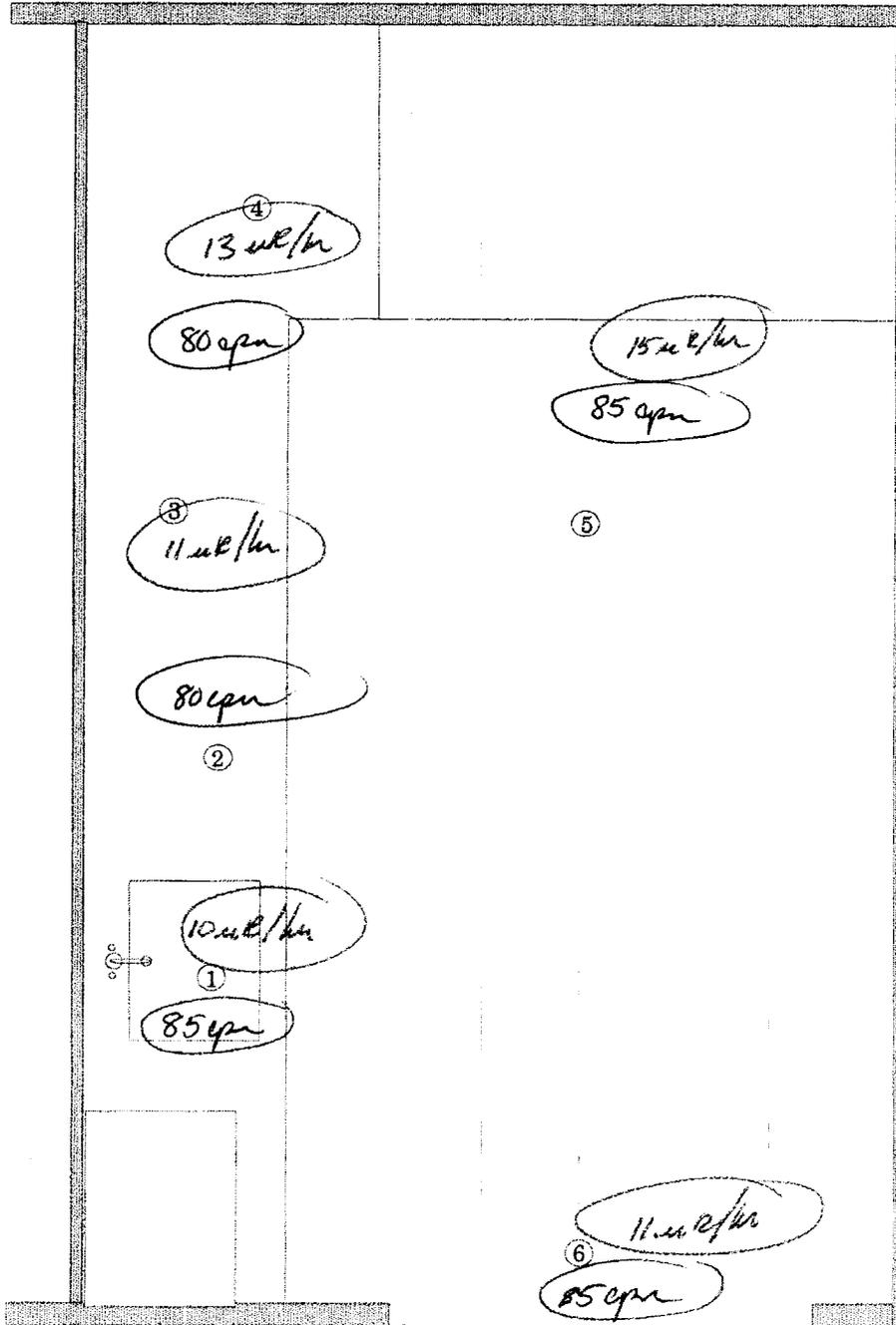
Southside Regional Medical Center



O exposure RTG = 15 uR/hr  
 W 30 P 51W 4427  
 0 cpm Ludlum 112 SW 6143  
 RTG = 80 cpm

○ Swipes  
 7/29/08  
*[Signature]*

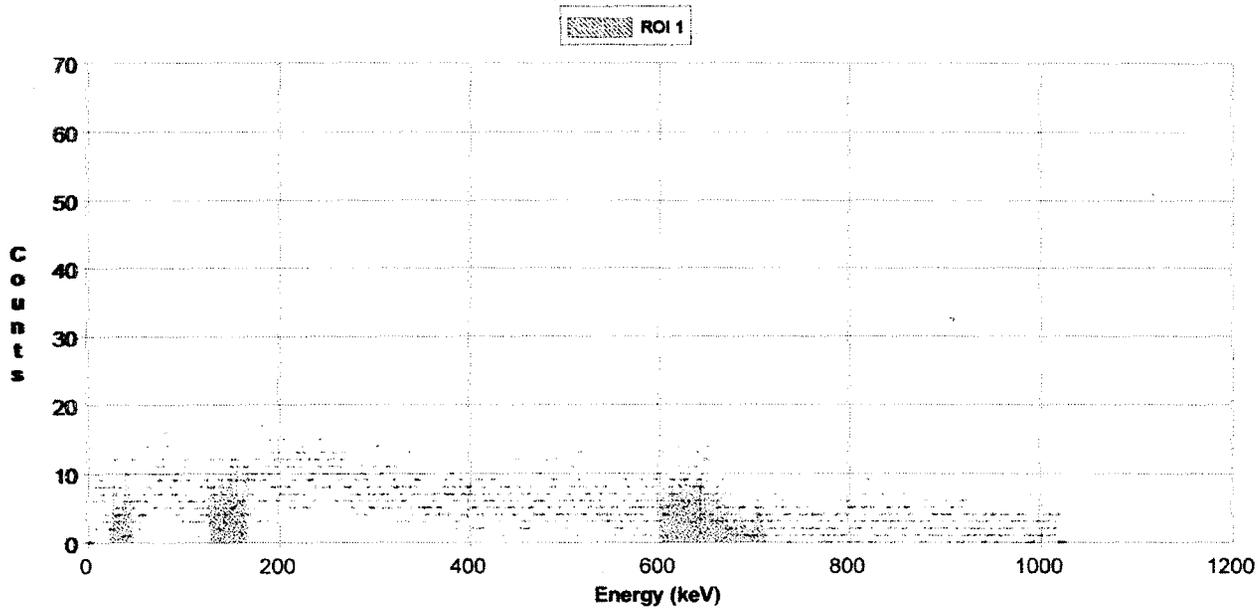
# Hot Lab - SRMC



○ Exposure BKG = 15 uCi/hr  
450 DSW 4427  
○ cpm within MZ SW 643  
BKG = 80 cpm

○ Swipes  
7/29/08  
JLB

### Spectral Data Plot



Datasource: 3X3  
Live Time: 600 sec  
Real Time: 601 sec  
Acq. Start: 7/29/08 9:42:04 AM  
Start: 1 : 1.00 (keV)  
Stop: 1024 : 1024.00 (keV)

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

8/27/08, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (45-00317-02) 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** 142762.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.