



# BLOOMSBURG HOSPITAL

*A member of the Bloomsburg Health System*

March 19, 2007

NRC License No.: 37-13181-01

U.S. Nuclear Regulatory Commission  
Region 1  
Nuclear Material Section B  
475 Allendale Road  
King of Prussia, Pa. 19406

To Whom It May Concern:

Please amend our NRC license 37-13181-01 to reflect the following change.

We wish to remove the Remote Hot Lab area as an area of use. A "Close Out" survey has been conducted by our consultant physicist and found to be free of removable contamination and ambient exposure levels are equal to background levels. Please find a copy of the survey attached to this letter.

If you have any questions, please feel free to contact our consultant physicist Samuel L. Payne, M.S. at (570) 592-2238.

Thank you in advance for your prompt attention to this amendment request.

Sincerely,

  
Regis P. Cabonor, President and CEO

140296  
NMSS/RGN! MATERIALS-002

2007 MAR 26 PM 12:44

RECEIVED  
REGION 1

37-13181-01

11/10/28/07

# Bloomsburg Hospital

## CLOSE-OUT SURVEY

DEPARTMENT OF NUCLEAR MEDICINE  
Bloomsburg, Pennsylvania

NRC License Number: **37-13181-01**  
DEP License Number: **PA-0138**

**DATE:** 03/19/07

**Facility Name:** Bloomsburg Hospital  
**Address** 549 East Fair Street  
**City:** Bloomsburg      **State:** PA      **Zip Code:** 17815

This report is submitted in keeping with Nuclear Regulatory Commission Regulations: Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use (April 1993). The Close-out Survey was conducted to close out the remote storage area in the basement of the hospital which is no longer used since we use the central pharmacy. This survey was conducted utilizing multiple wipe test samples utilizing soft absorbent paper over 100 cm. sq. areas made at various locations throughout the department. Wipes were made with a dry filter or soft absorbent paper, applying moderate pressure, and assessing the amount of radioactive. Material on the wipe with an appropriate instrument of known efficiency. Room surveys for ambient radiation exposure levels were also made utilizing a low level Ionization G.M. Survey Meter having a current annual calibration.

### Monitoring Equipment

#### Ambient Exposure

**Monitor:** Ludlum Model 14C G.M. Meter

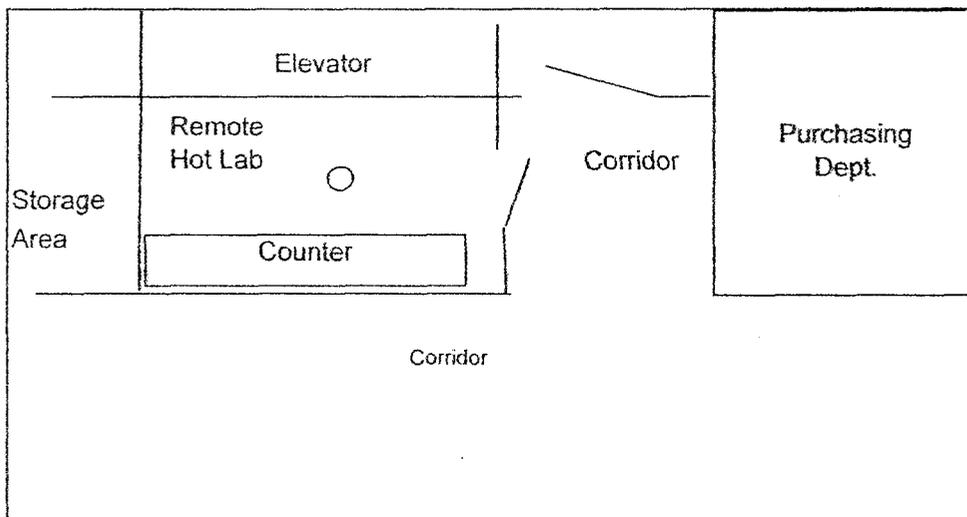
#### Wipe Test Survey for Removable Contamination

**Monitor:** Specialties Electronic Company Model 8501-S2  
**Detector:** 2" NaI (TI) Well Detector  
Efficiency for Co-57 : 85%

**SURVEY MEASUREMENTS:**

<b>Background:</b>		
Ambient Exposure Background:	0.04	mR/hr
Wipe Test Background:	465	cpm

<b>SURVEY RESULTS:</b>					
<b>Area:</b>	<b>Wipe CPM</b>	<b>Wipe DPM:</b>		<b>mR/hr.</b>	
Remote Hot Lab Counters:	457	-6.8	dpm	0.04	mR/hr
Remote Hot Lab Floor:	468	2.55	dpm	0.04	mR/hr
Remote Hot Lab Floor Drain:	460	-4.25	dpm	0.04	mR/hr
Corridor:	451	-11.9	dpm	0.04	mR/hr



**SURVEY RESULTS:**

All areas wiped and surveyed for ambient exposure levels reveal that no residual contamination was detected in excess of 1000 dpm Beta or Gamma per 100 sq. cm. All areas were indistinguishable from normal background measurements. It is therefore recommended that this area be returned for unrestricted use.

Survey by:

  
 Samuel L. Payne, M.S.  
 Consultant Radiation Physicist

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

3/19/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 37-13181-d 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 140296.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.