

NMSB2

February 22, 2006

U.S. Nuclear Regulatory Commission  
LAT - Division of Nuclear Materials Safety, Region 1  
475 Allendale Road  
King of Prussia, PA 19406  
FAX (610) 337-5269

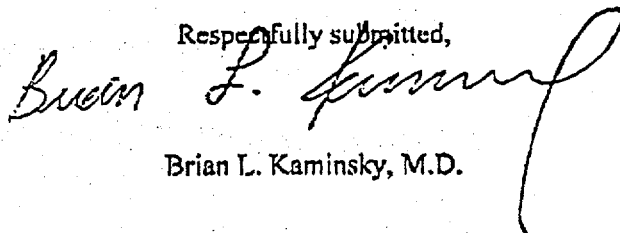
03035775

RE: Materials License 45-25571-01

As of Friday, February, 17, 2006, Richmond Cardiology Associates moved their practice from 8201 Atlee Road, Mechanicsville, Va. 23116. All sources, and equipment were moved to the new location at 8243 Meadowbridge Road, Mechanicsville, Virginia 23116. On Monday, February 20, 2006, Dr. Broga performed a termination radiation and contamination survey; please see attached survey report. Based on the results, we are requesting that the location at 8201 Atlee Road, Mechanicsville, Va. 23116, be released for unrestricted use. In addition, we request that our license be amended to remove the previous address and include only the location at 8243 Meadowbridge Road, Mechanicsville, Va. 23116. If you have any questions regarding this request, please contact Marcelle Greene at 804 417-1025.

We wish to expedite this request for release of the former location from unrestricted use, so that the landlord may show this property to clients. You may fax letters to the attention of Marcelle Greene, CNMT, NCT at 804 730-8464.

Respectfully submitted,



Brian L. Kaminsky, M.D.

138456

NMS/RO/N MATERIALS-002

**TERMINATION RADIATION & CONTAMINATION SURVEY REPORT****Richmond Cardiology Associates**

8201 Atlee Road, Suite D.

Mechanicsville, Virginia 23116

A termination radiation and contamination survey of Richmond Cardiology Associates 8201 Atlee Road, Suite D facility, was performed on February 20, 2006. 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**

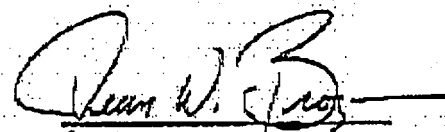
| Swipe Number | Gross Count cpm | Background cpm | Net Activity dpm |
|--------------|-----------------|----------------|------------------|
| 1            | 24              | 25             | -2               |
| 2            | 27              | 25             | 4                |
| 3            | 27              | 25             | 4                |
| 4            | 25              | 25             | 0                |
| 5            | 28              | 25             | 6                |
| 6            | 24              | 25             | -2               |
| 7            | 26              | 25             | 2                |
| 8            | 26              | 25             | 2                |
| 9            | 22              | 25             | -6               |
| 10           | 23              | 25             | -4               |
| 11           | 25              | 25             | 0                |
| 12           | 25              | 25             | 0                |

The swipes were analyzed using a Harshaw NaI well counter and a Canberra System 100 Multichannel Analyzer. The system has an efficiency of 75% for Co-57 and 60% for I-125. Based on Co-57, the critical level for detection is 17 cpm which relates to a minimum detectable activity of 0.02 nCi.

Fixed contamination levels and exposure levels were assessed in using a Eberline E-120 GM survey meter (calibrated June 8, 2005). 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.

February 22, 2006

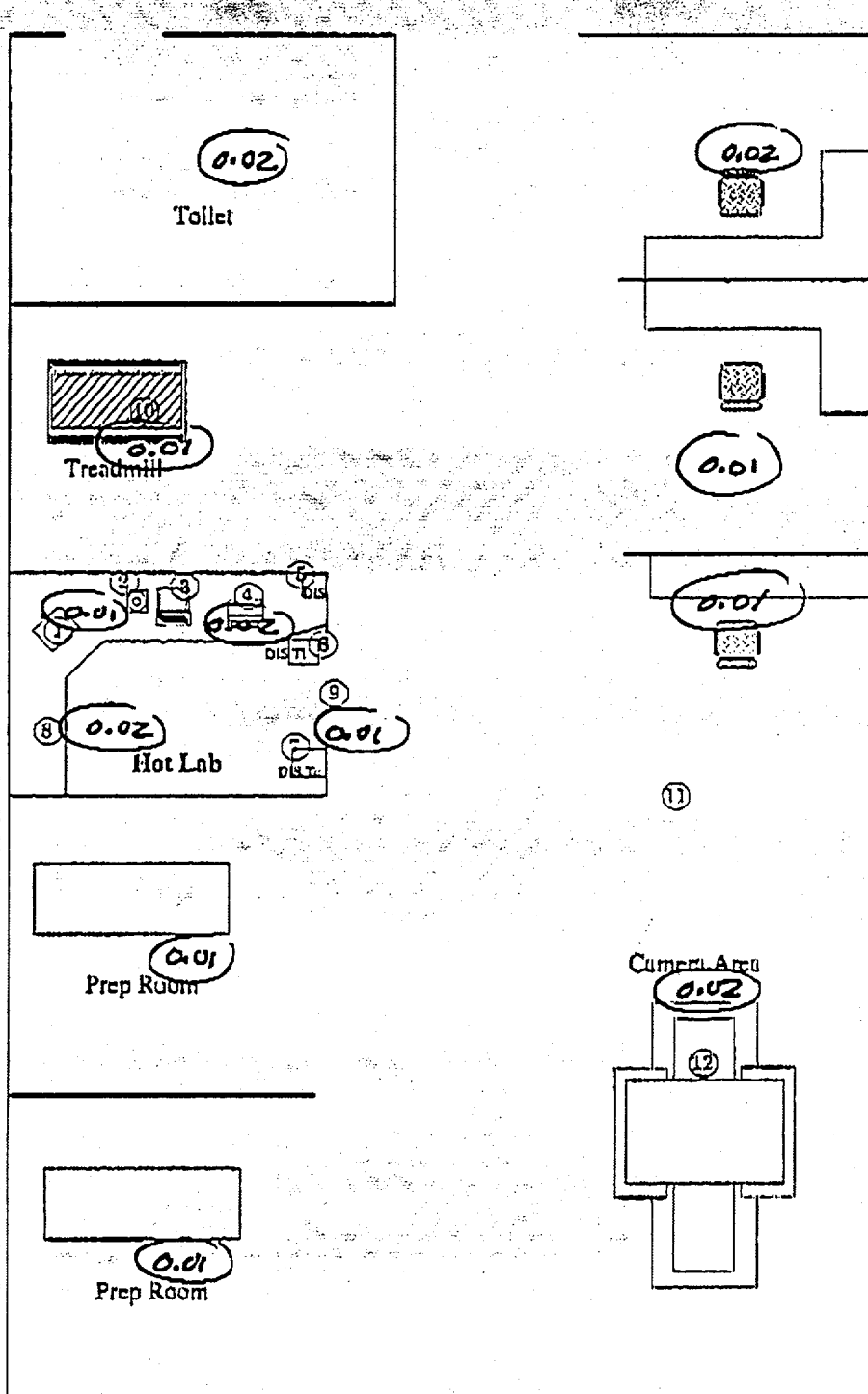
Date

  
Dean W. Broga, Ph.D.

- Certified -

Comprehensive Practice - American Board of Health Physics, Diagnostic Radiological Physics - American Board of Radiology  
Nuclear Medicine Physics - American Board of Medical Physics

# Termination Contamination & Exposure Survey Richmond Cardiology Associates



0 Exposure BKG = 0.01 mR/hr  
2-120 SW 687 (6/8/05)

Swipes

2/20/06

9/3



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

2/22/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND. 45-25571-01  
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** 138456.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.