



2800 Clay Edwards Drive
North Kansas City, MO
64116-3220

(816) 691-2000
www.nkch.org

September 15, 2009
North Kansas City Hospital
2800 Clay Edwards Dr
Radiation Oncology
North Kansas City MO 64116

Colleen Casey
Nuclear Regulatory Commission Region III
Materials Licensing Branch
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

Re: NRC Materials License Number 24-18628-01

Dear Ms. Casey:

Please amend our materials license to reflect that North Kansas City Hospital no longer has an Intravascular Brachytherapy (IBVT) program.

Transfer devices 91451 and 89993 (the last two we used) were leak tested and shipped to us by Novoste on or around 2/9/04 and 7/30/04 respectively. These devices were last used clinically at north Kansas City Hospital on 6/27/04 and 8/24/04 respectively - less than six months from the time of these original leak tests. These same devices were returned to Novoste and leak tested by Novoste upon receipt on 9/13/04 and 1/4/05 respectively. Enclosed is a statement from Best Vascular, Inc reporting the test results. They reported no contamination. I believe Novoste (the original manufacturer) transferred their IVBT business to Best Vascular, Inc after our program was closed.

Also enclosed is a room diagram and results of both a radiation survey and wipe tests conducted on September 3, 2009. No activity above background and no contamination were found.

Please do not hesitate to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Martin S. Richman".

Martin S. Richman, RSO
816 691 5343

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Date: 8/03/09

To: Marty Richmond

From: Chris Sherman

Subject: Confirmation of Receipt of Radioactive Sources

This letter is being sent to you as confirmation of receipt, by Best Vascular, of two active sources and transfer devices from **North Kansas City Hospital**.

60-54 Transfer Device: 91451 with active source train: ZB803 was received on 9/13/04.

40-09 Transfer Device: 89993 with active source train: ZB968 was received on 1/4/05.

All devices and source trains were leak tested during the receipt process. No contamination was detected.

Regards,

Chris Sherman
Best Vascular, Inc.
(770) 717-0904 ext. 3120

**Close Out Wipe Tests and Survey
North Kansas City Hospital
Cardiology Catheterization Lab**

Wipe Tests for Sr-90 in Catheterization Lab
Test date: September 3, 2009

| Location | Background cpm | Sample cpm | Net sample cpm | uCi Removed |
|----------|-------------------|---------------|-------------------|----------------|
| Storage | 286 | 265 | Insignificant | 0.000 |
| Room 4 | 286 | 248 | Insignificant | 0.000 |
| Room 5 | 286 | 290 | Insignificant | 0.000 |

Conclusion: Less than 0.0005 uCi Removable activity.

A wide window was set to 170 to 999 Kev.

Sample: No Sr-90 sample was available so a 0.074 uCi Cs-137 sample was used for reference. The activity of this sample was found to be 50,340 cpm.

Equipment used: Picker Spectroscope 4R.

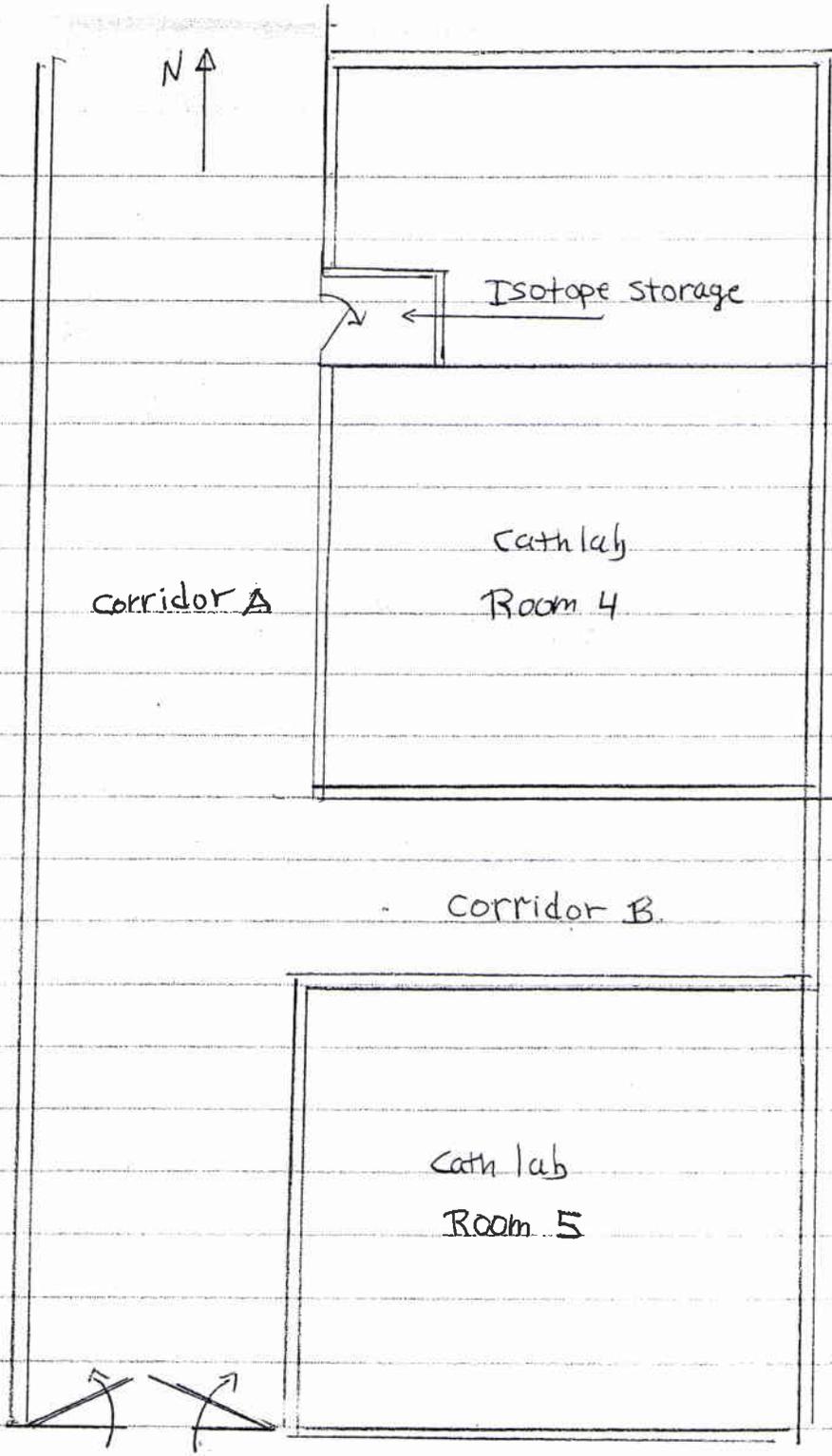
Survey of Cardiology Catheterization Lab
Survey Date: September 3, 2009

| Location | BkGD R/hr | Location R/hr |
|-----------------|-----------|---------------|
| Isotope storage | < 0.02 | < 0.02 |
| Room 4 | < 0.02 | < 0.02 |
| Room 5 | < 0.02 | < 0.02 |
| Corridor A | < 0.02 | < 0.02 |
| Corridor B | < 0.02 | < 0.02 |

Check source: 1 uCi Cs-137 1.2 mR/hr.
Survey meter: Ludlum GM model 14C, Serial No 101952.
See attached room Diagram.

Martin S. Richman, MS, RSO
Radiation Physicist

Cath Lab Room Diagram
North Kansas city Hospital

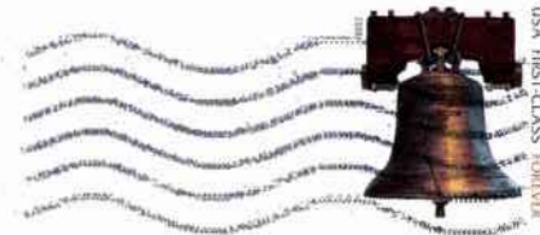




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