

**James R. Mullauer, MHS**  
Health Physicist  
United States Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532-4352

December 17, 2007

RE: Close-out Survey

Dear Mr. Mullauer:

Performed August 7, 2007 by Ryan Warhoover, CNMT

Decay and Storage Closet Close-out Survey and Wipe Test

The decay-in-storage closet was located along the north wall of the storage area connected to the MRI control room on the first floor of the Hospital in Radiology. The closet stored used medical needles and syringes (in puncture resistant sharps containers). The normal isotope types were technetium, gallium 67, indium 111, and depleted cobalt 57 button sources (less than 20 microcuries). Upon removal of all radioactive materials the room was surveyed and wipe tested for removable contamination using the Ludlum 3 survey meter and the AtomLab Wipe Meter. No evidence of removable contamination was found. The exact readings and areas of survey/wipe testing can be found on the attached diagram.

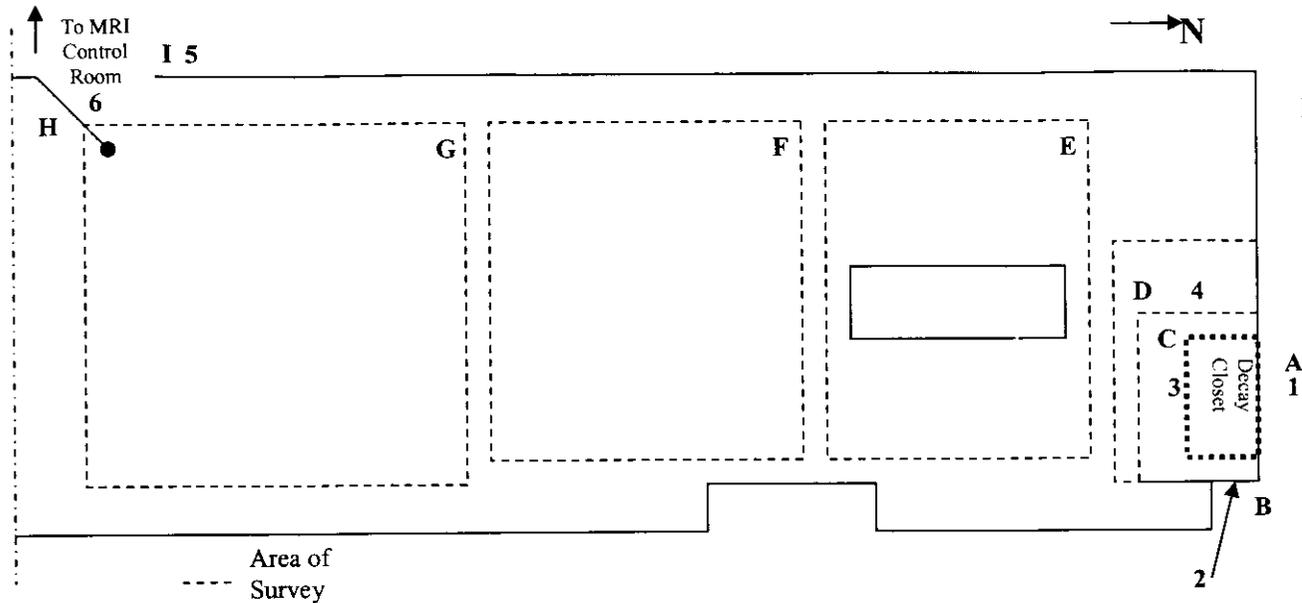
Please review and release the area for normal use. If you should have any questions please contact me at 314-996-5397.

Thank you.



Tom Moenster  
Radiation Safety Officer

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Missouri  
Baptist Medical  
Center  
Main Floor  
Radiology - MRI

Wipes	Location	Reading	Survey	Location	Reading
1	Wall	4cpm/8dpm	A	Wall	0.02mR/hr
2	Wall	1cpm/2dpm	B	Wall	0.02mR/hr
3	Floor	11cpm/22dpm	C	Floor	0.02mR/hr
4	Floor	-6cpm/-12dpm	D	Floor	0.01mR/hr
5	Entrance Wall	25cpm/50dpm	E	Floor	0.02mR/hr
6	Entrance Door	26cpm/52dpm	F	Floor	0.02mR/hr
Background	---	0cpm/0dpm	G	Floor	0.01mR/hr
* All wipes performed in 300cm <sup>2</sup> area using AtomLab 300 wipemeter * Survey meter used: Ludlum3 Serial Number-105152 Cal Date-11/15/2007 *Performed by Ryan Warhooover, CNMT August 7, 2007			H	Door	0.01mR/hr
			I	Wall	0.02mR/hr
			Background	--	0.02mR/hr

*Thomas Moenster* 12-17-07  
 RSO Date

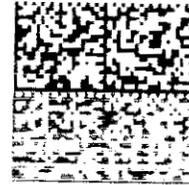
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**Tom Moenster**

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