

**MARYVIEW MEDICAL CENTER**

Bon Secours Health System

Maryview Hospital
Maryview Behavioral Medicine Center
Martha Davis Cancer Center
Bon Secours Home Care
Bon Secours Health Center at Harbour View

September 1, 2005

J-5

Mike Perkins, Licensing Assistant
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
Region I
475 Allendale Road
King of Prussia, PA 19406

03003347

Reference: NRC License No. 45-10831-02

Dear Mr. Perkins:

Enclosed you will find a close-out survey for our old nuclear cardiology area, indicated as "Nuclear Cardiology Room 3" on our previous license renewal, dated April 21, 1995. (This area is not shown as an area of use on our current license renewal dated June 24, 2005 since we did not wish to continue its status as an area of use, it was not being used at the time of submission and has not been used since then.) All radiation level surveys showed radiation levels in this area to be indiscernible from background radiation levels. All surveys for removable contamination (wipes) were less than 38 dpm/100 cm² net disintegration rate with the majority being indiscernible from background. All radiation level surveys were performed with a Ludlum Model 3 Geiger Counter (serial number 117993) with side window probe Model 44-6 (serial number PR 119149) calibrated on May 11, 2005. The background radiation level seen with this instrument was 0.02 mR/hr. All removable contamination surveys (wipes) were analyzed with an AtomLab Model 900 Medical Spectrometer (serial number 722033) calibrated daily by department staff. This instrument has a minimum detectable activity of 439 dpm with an efficiency for Cs-137 of 25% and a background count rate of 300 cpm. It has been well over ten half-lives of the licensed material (Tc-99m and Tl-201) used in this area since the survey was performed.

We would like to request that this matter be expedited due to our need to renovate it for our mammography department. Because of sudden and unexpected plumbing problems in our old mammography area, we are unable to continue work there. We are without analog mammography and thus are unable to perform needle localizations until "Nuclear Cardiology Room 3" is renovated.

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NUCLEAR MATERIALS-002

Maryview Medical Center
Radioactive Materials License Number 45-10831-02

Page 2

Please contact our consulting physicist, Roy Heltzel, at 757-410-9051 should you have any questions or if further information is needed. Thank you for your timely attention to this matter.

Sincerely,



John E. McNamara
Executive Vice President/Administrator

Enclosure

MARYVIEW MEDICAL CENTER
NUCLEAR MEDICINE DEPARTMENT
(FINAL SURVEY & SWIPE: ADAC VERTEX ROOM)

INSTRUMENTS: ATOM LAB 900 MULTI-CHANNEL ANALYZER Serial Number 722033
LUDLUM 3 Serial Number 117993

		Radiation Level Surveys- Ludlum Model 3 (Bkg=0.02mR/hr)	Radiation Contamination Surveys-Atomlab 900 Results in net dpm/100cm ²
1	Acquisition Station	.02 mr/hr	1 dpm
2	Work Station	.02 mr/hr	0 dpm
3	Camera	.02 mr/hr	6 dpm
4	Work Phone	.02 mr/hr	0 dpm
5	Injection table	.02 mr/hr	1 dpm
6	Desk phone	.02 mr/hr	0 dpm
7	Processing Station	.02 mr/hr	38 dpm
8	Treadmill	.02 mr/hr	0 dpm
9	Sink	.02 mr/hr	16 dpm
10	Door	.02 mr/hr	0 dpm
A1	Dressing Booth	.02 mr/hr	16 dpm
A2	Dressing Booth	.02 mr/hr	0 dpm
A3	Cabinet/Refrigerator Area	.02 mr/hr	0dpm
A4	Prep Room (IV start Chair)	.02 mr/hr	0 dpm
A5	Prep Room Counters	.02 mr/hr	0 dpm

INITIALS B

DATE 6/23/05

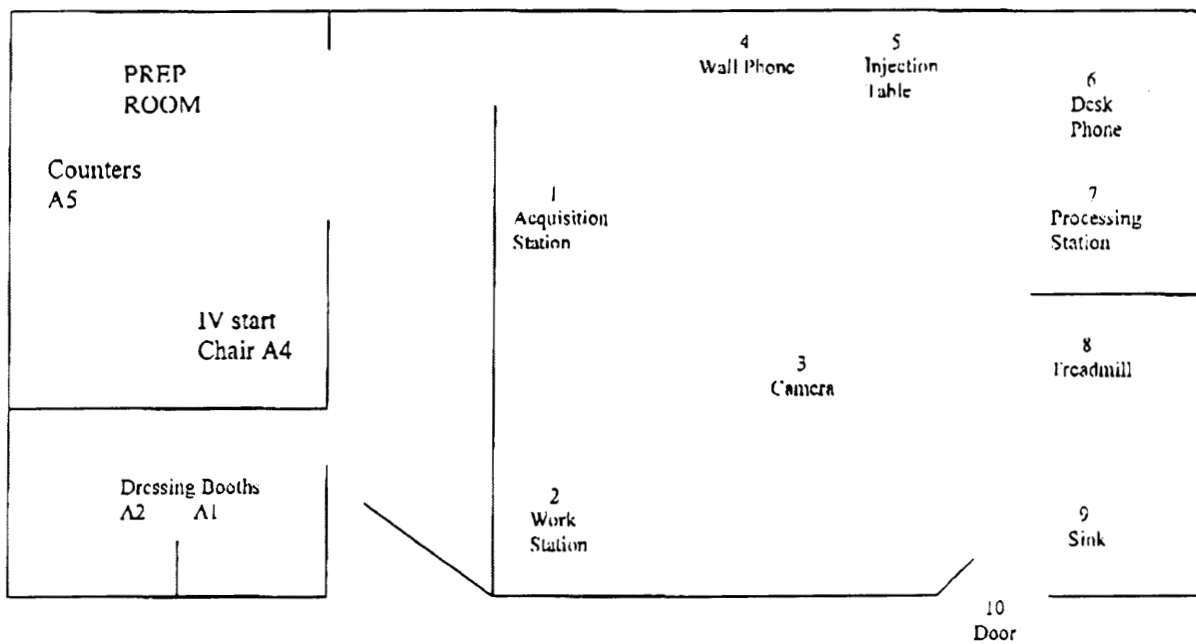
RSO Michael ZB

Comments: Cardiac's Current location (Suite on Ireton Hall) vacated as of 6/23/05

MARYVIEW MEDICAL CENTER
NUCLEAR MEDICINE DEPARTMENT
(FINAL SURVEY & SWIPE: ADAC VERTEX ROOM)

INSTRUMENTS: ATOM LAB 900 MULTI-CHANNEL ANALYZER Serial Number 722033
LUDLUM 3 Serial Number 117993

Room#3 – Vertex (Cardiology)



INITIALS B-

DATE 6/23/05

RSO Michael Ho

Comments: Cardiac's Current location (Suite on Ireton hall)vacated
Nuclear Cardiology moved to Aston Pavilion suite.