



October 28, 2005

RECEIVED
OCT 31 2005

NH382

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

2005 OCT 14 AM 10:22

03034642

Reference: Radioactive Materials License No. 45-25424-01

Dear Mr. Perkins:

We would like to request that our radioactive materials license be amended to remove our old location at 110 Wimbledon Square, Chesapeake, VA 23320. A close out survey of this location was performed, and a copy of this survey is attached.

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 83 dpm/100 cm² net disintegration rate with the majority being statistically indiscernible from background. All radiation level surveys were performed with a Biodex Model 14C Geiger Counter (serial number 106413) with end window probe Model 44-7 (serial number PR105987) calibrated on April 26, 2005. The background radiation level seen with this instrument was 0.02 mR/hr. All removable contamination surveys (wipes) were analyzed with an Ludlum Model 261 Spectrometer (serial number 243) calibrated on February 2, 2005. This instrument has a minimum detectable activity of 296 dpm with an efficiency for Cs-137 of 35.3 % and a background count rate of 371 cpm. It has been well over ten half-lives of the licensed material (Tc-99m) used in this area prior to and since the survey was performed.

Please contact Roy F. Heltzel, Jr., our consulting physicist, at 757-410-9051, should further information be required.

Very truly yours,

John R. Onufer, MD CVAL
President

Enclosure

13 7966

NMCC/DM MATERIALS-002
REF 137143

Alan G. Bartel, MD, FACC
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Vincent W. Donlon, MHA
Administrator

- Consultation
- Stress Testing
- Nuclear Cardiology
- Echocardiography
- Transesophageal Echocardiography
- Cardiac Catheterization
- Coronary Angioplasty
- Coronary Atherectomy
- Rotablator
- Stents
- Arrhythmia Management
by Catheter Ablation
- Electrophysiology
- Pacemaker Implantation & Follow-up
- AICD Implantation & Follow-up
- Cardiac Transplant Care
- Cardiac Biopsy
- Peripheral Intervention
- Peripheral Vascular Laboratory
- Lipid Management Program
- Anticoagulation Clinic
- Heart Failure Clinic

Cardiovascular Associates, LTD

110 Wimbledon Square
Chesapeake, VA 23320
757-547-9294

Geiger Counter

Manufacturer: Biodex
Model: 14C
S/N: 106413
Calibrated: April 26, 2005

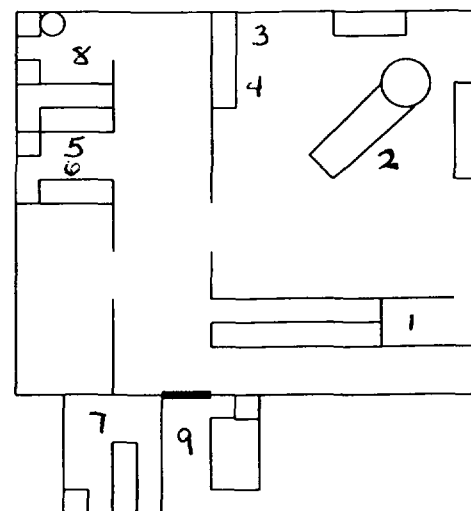
Well Counter

Manufacturer: Ludlum
Model: 261 Spectrometer
S/N: 243
Calibrated: February 2, 2005

Close Out Wipe Survey for October 25, 2005
Survey Trigger < 2000 dpm

Legend

- | | |
|---|----------------|
| 1 | Hot Lab |
| 2 | Camera |
| 3 | Computer |
| 4 | Desk |
| 5 | Stress Bed |
| 6 | Treadmill A |
| 7 | Treadmill B |
| 8 | Rest Room |
| 9 | Injection Area |



Wipe No.	Bkg.	Gross cpm/100 cm ²	Net cpm/100 cm ²	Eff.	Net dpm/100 cm ²	Net uCi/100 cm ²
1	345	384	39	0.932	42	1.88E-05
2	345	351	6	0.932	6	2.90E-06
3	345	364	19	0.932	20	9.18E-06
4	345	376	31	0.932	33	1.50E-05
5	345	348	3	0.932	3	1.45E-06
6	345	374	29	0.932	31	1.40E-05
7	345	422	77	0.932	83	3.72E-05
8	345	372	27	0.932	29	1.30E-05
9	345	359	14	0.932	15	6.77E-06

Close Out Area Survey for October 27, 2005

Room	Survey mR/hr	bkg mR/hr
1	.02	.02
2	.02	.02
3	.02	.02
4	.02	.02
5	.02	.02
6	.02	.02
7	.02	.02
8	.02	.02
9	.02	.02

Technologist

Radiation Safety Officer

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

10/28/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND. 45-25424-01
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** 137966.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.