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26 May 2006

Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

03035436

Re: Expedited Amendment Request to USNRC License # 45-25527-01 Consultants in Cardiology

**Old Office: 1615 Franklin Road
Roanoke Virginia, 24016**
**New Office: 127 McClanahan Street
Roanoke, Virginia 24016
(540) 982-1978 (Cardiology)**

To Whom It May Concern:

Consultants in Cardiology (CIC) wishes to amend its current USNRC license to remove the Franklin Road office from our license. On May 9 2006 all radioactive materials were relocated to the new facility at 127 McClanahan Street. Exit surveys were performed after all radioactive material was removed from the facility. Please see the attached documentation for results of the surveys, calibration of equipment, and a layout of the scan room and surrounding areas. All locations were below the radiation levels prescribed in NUREG 1556 Vol. 9, Revision 1.

It should be noted that the only unsealed radioactive materials used in this facility were Tc-99m and Tl-201 which have physical half-lives of 6 hours and 72 hours respectively. The other sources utilized were all sealed sources and were leak tested according to the frequency prescribed by our radioactive materials license. All leak tests for the 6 years in this facility were negative for removable contamination.

We would request that this amendment be given a high priority as the Franklin Road building was leased to CIC and the owner cannot re-lease the building to new tenants until the USNRC and VBRH release it for unrestricted use.

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NMSS/RGNI MATERIALS-002

If you have any further questions regarding this amendment request or would like to discuss it further do not hesitate to contact me or our consulting Physicist Mr. James P. Nunn at (540) 353-2597.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Millirones', enclosed in a large, loopy oval shape.

John Millirones
Administrator
Consultants in Cardiology

Attachments: Closeout survey results

Consultants in Cardiology Closeout Survey Questionnaire**1615 Franklin Road Office Roanoke, Virginia 24016****USNRC Materials License Number: 45-25527-01****Building/room location: Old Nuclear Medicine Suite/Hot Lab 1615 Franklin Road Roanoke, Virginia 24016****1. List radionuclides used in the room; circle form used (Sealed, Unsealed, or Gas):**

Radionuclides Used	Form Used	First Use Date	Last Use Date
Tc-99m	s <input checked="" type="radio"/> U <input type="radio"/> G	2000	May 2006
Tl-201	s <input checked="" type="radio"/> U <input type="radio"/> G	2000	May 2006
Co-57	<input checked="" type="radio"/> S <input type="radio"/> U <input type="radio"/> G	2000	May 2006
Cs-137	<input checked="" type="radio"/> S <input type="radio"/> U <input type="radio"/> G	2000	May 2006
	S U G		
	S U G		
	S U G		
	S U G		
	S U G		
	S U G		

2. Did a major spill occur in the room which resulted in residual radioactivity? No Yes (if yes, attach description)**3. Did any sealed sources stored or used in the room leak or fail a leak test?** No Yes (if yes, attach description)**4. Were sealed sources which require a leak test transferred or relocated from the room?** No Yes (if yes, attach regulatory current test results)**5. Were all radioactive materials, sources, and equipment removed?** No Yes (if no, attach description)

Consultants in Cardiology Closeout Surveys of Old Facility 45-25527-01
Please refer to attached floor plan for locations of wipes and surveys
Surveys Made on May 9 2006

6. Did the closeout survey methods follow best practices in NUREG 1556 Vol. 9?

No Yes (if no, attach alternate methods)

7. What survey instruments were used?

Exposure rate measurements

Survey meter/probe manufacturer/model: Ludlum Model 14C S/N 170145 With Model 44-6 GM (end window) (thin window 1.35 mg/cm²)

Calibration date: 9/22/2005

Background reading in mR per hour: 0.02 mR/hr

Surface scans for fixed radioactivity

Survey meter/probe manufacturer/model: Ludlum Model 14C S/N 170145 With Model 44-6 GM (end window) (thin window 1.35 mg/cm²)

Calibration date: 9/22/2005

Background reading in CPM or DPM: 50 cpm

Swipe surveys for removable radioactive contamination

Counting equipment manufacturer/model: Capintec CRC-15W NaI(Tl) wipe counter

Background counts: 1598 (auto background subtraction)

Calibration source counts: 77688 cpm (0.11 uCi on 9/9/2004)

Calibration source efficiencies: 34 %

Minimum detectable activities (uCi or DPM): 555 dpm (see attached sheet)

8. Were any results for exposure rate measurements or surface scans for fixed radioactivity greater than background readings?

No Yes (if yes, attach description)

9. Were any swipe survey results greater than applicable release criteria in NUREG 1556, Volume 11, Table S.5?

Consultants in Cardiology Closeout Surveys of Old Facility 45-25527-01
Please refer to attached floor plan for locations of wipes and surveys
Surveys Made on May 9 2006

No Yes (if yes, attach description)

10. Information attached (other than listed above).

Room diagram

Survey grid

Counting system calibration/quality assurance results

Other (specify)

**Point of contact Name: James P. Nunn Physics Associates (45-17344-01)
Roanoke Virginia**

Telephone number/e-mail address:(540) 563-0165 Cell (540) 353-2597

Consultants in Cardiology Closeout Surveys of Old Facility 45-25527-01
Please refer to attached floor plan for locations of wipes and surveys
Surveys Made on May 9 2006

**Consultants In Cardiology Closeout Survey Results 1615 Franklin Road
Roanoke, Va. 24016 Facility**

1. Numbers in the upper left corner of each box correspond to numbers on the room diagram.
2. Exposure rate measurements in mR per hour. Background reading: 0.02 mR per hour
3. Scanning survey results in counts per minute (CPM). Background reading: 50 CPM
4. DPM¹ and DPM², swipe survey results, in disintegrations per minute per 100 centimeters squared (DPM) for two energy levels, (upper=²⁰¹Tl, ⁵⁷Co, ¹³³Xe, ^{99m}Tc, ¹¹¹In, etc; and lower=¹²⁹I), where:

DPM¹: background counts 1598 calibration source 77688 efficiency 34%

energy range/radionuclides evaluated 50 keV ->1.0 MeV MDA 555 dpm

DPM²: background counts NA calibration source efficiency

energy range/radionuclides evaluated MDA

1 Sink in scan room mR: 0.02 CPM: 50 DPM ¹ : 129 DPM ² :	2 Floor in front of dose prep mR: 0.02 CPM: 50 DPM ¹ : -175 DPM ² :	3 Dose Prep area mR: 0.02 CPM: 50 DPM ¹ : -210 DPM ² :	4 door knob to room mR: 0.02 CPM: 50 DPM ¹ : -340 DPM ² :	5 light switch in scan room mR: 0.02 CPM: 50 DPM ¹ : -111 DPM ² :
6 inside RAM storage cabinet mR: 0.02 CPM: 50 DPM ¹ : -121 DPM ² :	7 floor in front of camera mR: 0.02 CPM: 50 DPM ¹ : -98 DPM ² :	8 treadmill floor mR: 0.02 CPM: 50 DPM ¹ : -207 DPM ² :	9 light switch near treadmill mR: 0.02 CPM: 50 DPM ¹ : -143 DPM ² :	10 sink near treadmill mR: 0.02 CPM: 50 DPM ¹ : -99 DPM ² :
11 sink in treadmill room mR: 0.02 CPM: 50	12 doorknob in treadmill room mR: 0.02 CPM: 50	13 counter top in treadmill room mR: 0.02	14 mR: CPM:	15 mR: CPM:

Consultants in Cardiology Closeout Surveys of Old Facility 45-25527-01
 Please refer to attached floor plan for locations of wipes and surveys
 Surveys Made on May 9 2006

WELL COUNTER CALIBRATION & QC

Facility: Consultants in Cardiology

STANDARD INFORMATION

ID: Cs-137 T(1/2) Yrs: 30.170
 Abundance (#/dis.): 1.0000
 CAL. DATE - Year: 2004 Month: 9 Day: 9
 * * Standard activity units: 1 = uCi, 2 = dpm, 3 = Bq * *
 Enter activity unit choice (1-3): 1
 uCi on Calib. Date: 0.11

COUNTING DATA

Counting time in minutes for:
 Bkd: 1.00 Standards: 1.00
 Date Counted- Year: 2006 Month: 3 Day: 22

Instrument Used: Capintec CRC15-W S/N 170995
 Counted By: Nicholas L. Graham, M.S.

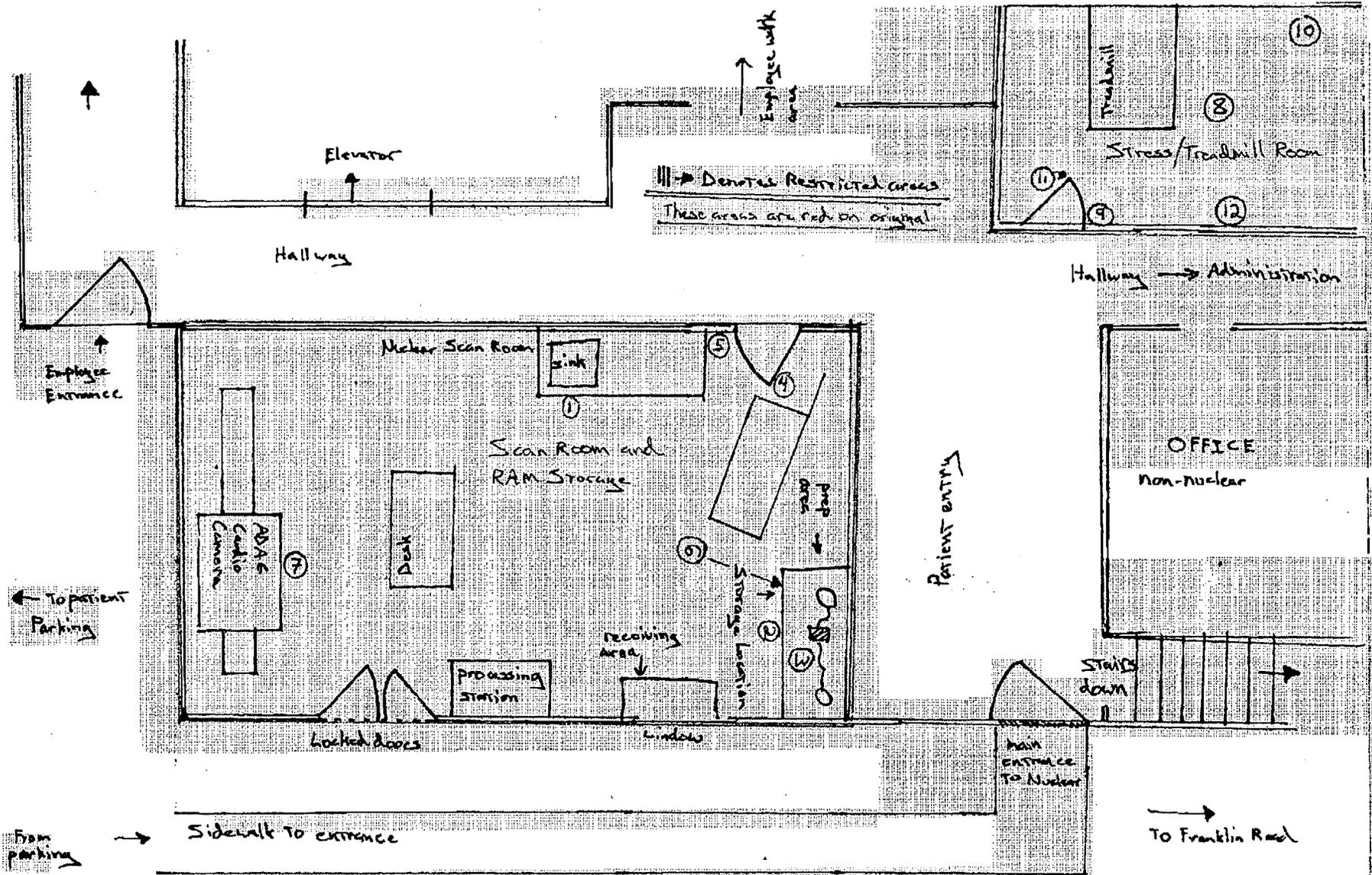
ID	Counts
Background	1598
Standard	77688

RESULTS

Ctg. Efficiency = 0.3359 or 34%

Method	LLD/MDA		
	Computed uCi	Computed dpm	Computed Bq
NCRP 58	2.53E-04	5.62E+02	9.36E+00
NRC	2.50E-04	5.55E+02	9.24E+00
3 x SD(bkd)	1.61E-04	3.57E+02	5.95E+00

Comments:
 Well counter



Consultants in Cardiology
 USNRC License # 45-25527-01
 VBRH License # VA-504-03

Ground Floor

Layout of old Scan room/Lab
 1615 Franklin Road
 Roanoke, VA 24016
 (540) 961-2144

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

5/26/2006, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment 45-25527-01 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** 138945.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.