

MS-16
Q-6

Fax To: Todd Jackson, NRC
From: Richard Brown
Re: Blue Ridge Cardiovascular Associates
Date: February 26, 2005
Page: 1 of 3

45-30991-01
03036826

I have been in contact with Ms. Smith at Blue Ridge Cardiovascular and she has given me the following information.

This new Nuclear Cardiology Practice is located in the main building of Culpeper Regional Hospital. This hospital currently utilizes radioactive materials under the authority of NRC License 45-230040-01. This new department will function as an independent operation.

The new department is located on the second floor of the hospital.

The rooms that will be utilized for the new Nuclear Cardiology department do not currently have room numbers.

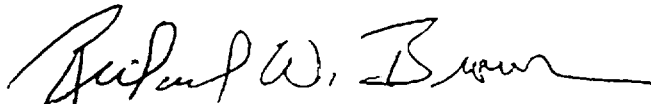
There is one wall on the room diagram that you have that does not reflect the use of the space on the other side of this wall. That space is a storage area used by the Operating Room and has a very low level of occupancy.

I have had a chance to review the room diagram prepared by Ms Smith and it appears to have a scale of 1 inch = 4 feet.

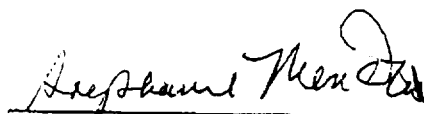
Additionally, please find attached the supporting data for the license application as we discussed earlier today.

Thank you for informing me of the missing data required for your review. Please contact me at 724-625-7520 if further information is required.

Sincerely,



Richard W. Brown



STEPHANIE MENDLOW, M.D. RSO

Mail Code #
136331

136331
NMSS/RGNI MATERIALS-002

Blue Ridge Cardiovascular Associates, Inc.
501 Sunset Lane
Culpeper, VA 22701

Telephone: 540-829-4374

NRC License Application Supporting Documentation

Item 5 & 6

<u>Radionuclide</u>	<u>Form or Manufacturer</u>	<u>Maximum Quantity</u>	<u>Purpose for Use</u>
Any byproduct material permitted by 10CFR 35.100	Any	As Needed	Any uptake, dilution and excretion study permitted by 10CFR 35.100
Any byproduct material permitted by 10CFR 35.200	Any	As Needed	Any imaging and localization study permitted by 10CFR 35.200

Item 7 Names of Individuals using Radioactive Materials

The Radiation Safety Officer at our facility is Stephanie Mendlow, M.D. She is also an authorized user. Additionally, we are requesting that Thomas D. Call, M.D. be listed as an authorized user on this new license. For training and experience of these individuals, refer to NRC License number 45-23040-01 (Stephanie Mendlow, M.D.) and NRC License number 45-00131-02 (Thomas D. Call, M.D.), copies attached.

Item 8 Training for individuals working in or frequenting the restricted area

We have established and implemented the model-training program that was published in Appendix A of Regulatory Guide 10.8 Revision 2. We will train only those individuals that work with or in the vicinity of the restricted area of the Nuclear Medicine Department. This group of individuals is the treadmill technologist, nuclear medicine technologist and nursing support. This training will occur once the employees have been hired and annually thereafter. Documentation of training will be available in the Nuclear Medicine Department for review.

Item 9 Facility and Equipment

Refer to the enclosed room diagram. This consists of the department and locations where radioactive materials are used, and received. It is also the same form that we use for area survey record keeping.

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136821 / 11-05-01

Stephanie Mendlow
STEPHANIE MENDLOW

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Equipment:

Siemens SPECT camera
Atom Lab 100 Dose Calibrator
1 Ludlum 14 C survey meter with pancake probe
1 Ludlum well counter Model 2200

Radiation monitoring instruments will be calibrated by a person qualified to perform survey meter calibrations.

We reserve the right to upgrade our survey instruments as necessary as long as they are adequate to measure the type and level of radiation for which they are used.

Item 10 Occupational Dose

Either we will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the requirements listed under "Criteria" in NUREG-1556, Vol. 9, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Medical Use Licenses," dated October 2002.

Item 10 Area Surveys

We have developed and will implement and maintain written procedures for area surveys in accordance with 10CFR 20.1101 that meet the requirements of 10CFR 20.1501 and 10CFR 35.70.

Item 10 Safe Use of Unsealed Licensed Material

We have developed and will implement and maintain procedures for safe use of unsealed byproduct material that meet the requirements of 10CFR 21.1101 and 10CFR 21.1301.

Item 10 Spill Procedures

We have developed and will implement and maintain written procedures for safe response to spills of licensed material in accordance with 10CFR 20.1101.

Item 11 Waste Management

We have developed and will implement and maintain written waste disposal procedures for licensed material in accordance with 10CFR 20.1101, that also meet the requirements of the applicable section of Subpart K to 10CFR Part 20 and 10CFR 35.92.

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134321
P. 0511

Stephanie Mendonca

STEPHANIE MENDONCA, M.D. RSO

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