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NMSB2

June 12, 2006

U.S.N.R.C.  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

03036917

Re: License Number 32-31038-01

To whom it may concern:

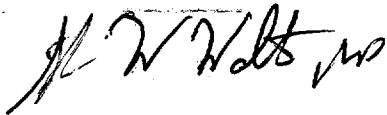
Please amend our license and note the following change to our byproduct material license:

Please add the following physicians as authorized users.

1. Daryl Emory, MD
2. Brian Galbut, MD
3. John DiDilvestro, MD

Thank you for your attention to this matter.

Sincerely,



Steven Walter, M.D. RSO  
Authorized User  
Administrator

139065

NMSS/RGNI MATERIALS-002

Department of Medicine  
Section of Cardiology

1653 West Congress Parkway  
Chicago, Illinois 60612-3833

Tel 312.942.5276  
www.rush.edu



RUSH UNIVERSITY  
COLLEGE OF NURSING  
RUSH MEDICAL COLLEGE  
COLLEGE OF HEALTH SCIENCES  
THE GRADUATE COLLEGE

June 9, 2006

**RE: Brian Galbut, M.D.**

Dear Colleague,

I am an Authorized User listed on the Radioactive Materials License of Rush University Medical Center, license number IL-01766-01. This communication is to confirm that Brian Galbut has successfully completed all training requirements set forth by the Nuclear Regulatory Commission section §35.290, paragraph c (1) from July 1, 2003 to June 9, 2006. I attest he/she has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC guidelines 35.200.

Dr. Galbut has completed 700 hours of training and experience in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies. This training and experience included a minimum of the following:

- A. 1) 80 hours of classroom and laboratory training in the following areas:
  - a) Radiation physics and instrumentation;
  - b) Radiation protection;
  - c) Mathematics pertaining to the use and measurement of radioactivity;
  - d) Chemistry of byproduct material for medical use;
  - e) Radiation biology
  - f) Generator Elution
- 2) Work experience, under the supervision of authorized user (Rami Doukky, MD) which meet the requirements in §§ 35.290, involving:
  - a) Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;
  - b) Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys;
  - c) Calibrating instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;

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- d) Calculating, measuring, and safely preparing patient or human research subject dosages;
- e) Using administrative controls to prevent a medical event involving the use of unsealed byproduct material;
- f) Using procedures to safely contain spilled radioactive material and using proper decontamination procedures;
- g) Administering dosages of radioactive drugs to patients or human research subjects; and
- h) Eluting generator systems appropriate for preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs

I am pleased to attest that Dr. Galbut has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC regulations CFR 35.290.

Sincerely,

Rami Doukky, M.D.  
Director of Nuclear Cardiology  
Rush University Medical Center

IL-01766-01

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June 9, 2006

**RE: John DiSilvestro, MD.**

Dear Colleague,

I am an Authorized User listed on the Radioactive Materials License of Rush University Medical Center; license number IL-01766-01. This communication is to confirm that Dr. John DiSilvestro has successfully completed all training requirements set forth by the Nuclear Regulatory Commission section §35.290, paragraph c (1) July 1, 2004 to June 9, 2006. I attest he/she has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC guidelines 35.200.

Dr. DiSilvestro has completed 700 hours of training and experience in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies. This training and experience included a minimum of the following:

- A. 1) 80 hours of classroom and laboratory training in the following areas:
  - a) Radiation physics and instrumentation;
  - b) Radiation protection;
  - c) Mathematics pertaining to the use and measurement of radioactivity;
  - d) Chemistry of byproduct material for medical use;
  - e) Radiation biology
  - f) Generator Elution
- 2) Work experience, under the supervision of authorized user (Rami Doukky, MD) which meet the requirements in §§ 35.290, involving:
  - a) Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;
  - b) Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys;

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- c) Calibrating instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;
- d) Calculating, measuring, and safely preparing patient or human research subject dosages;
- e) Using administrative controls to prevent a medical event involving the use of unsealed byproduct material;
- f) Using procedures to safely contain spilled radioactive material and using proper decontamination procedures;
- g) Administering dosages of radioactive drugs to patients or human research subjects; and
- h) Eluting generator systems appropriate for preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs

I am pleased to attest that Dr. John DiSilvestro has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC regulations CFR 35.290.

Sincerely,

Rami Doukky, M.D.  
Director of Nuclear Cardiology  
Rush University Medical Center

IL-01766-01



## CAPITAL HEART ASSOCIATES, P.A.

4207 Lake Boone Trail, Ste 200

Raleigh, NC 27607

Phone: (919) 881-0160

FAX: (919) 881-0887

www.capitalheart.com

1001 West Williams St., Ste 102

Apex, NC 27502

Phone: (919) 367-9338

Fax: (919) 367-9332

INVASIVE, INTERVENTIONAL, NON-INVASIVE RADIOLOGY AND PERIPHERAL VASCULAR DISEASE

May 23, 2006

Dear Colleague,

I am an Authorized User listed on the Radioactive Materials License of Capital Heart Associates in Raleigh, North Carolina, license number 092-1127-1. This communication is to confirm that Daryl C. Emery, MD has successfully completed all training requirements set forth by the Nuclear Regulatory Commission section §35.290, paragraph c (1) from April 7, 2006 to April 9, 2006. I attest he has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC guidelines 35.200.

Dr. Emery has completed 700 hours of training and experience in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies. This training and experience included a minimum of the following:

A. 80 hours of classroom and laboratory training in the following areas:

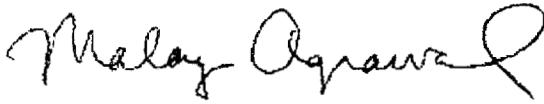
1. Radiation physics and instrumentation
2. Radiation protection
3. Mathematics pertaining to the use and measurement of radioactivity
4. Chemistry of byproduct material for medical use
5. Radiation biology
6. Generator elution

B. Work experience, under the supervision of authorized users Malay Agrawal, MD and Joseph Guzzo, MD, which meet the requirements in §§ 35.290, involving:

1. Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters
2. Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys
3. Calibrating instruments used to determine the activity of dosages and performing checks for proper operation of survey meters
4. Calculating, measuring, and safely preparing patient or human research subject dosages

5. Using administrative controls to prevent a medical event involving the use of unsealed byproduct material
6. Using procedures to safely contain spilled radioactive material and using proper decontamination procedures
7. Administering dosages of radioactive drugs to patients or human research subjects
8. Eluting generator systems appropriate for preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs

I am pleased to attest that Dr. Emery has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under the NRC regulations CFR 35.290.



Malay Agrawal, M.D., FACC

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

6/12/2006, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 32-31038-01  
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

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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 139065.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.