

**NEW BRUNSWICK
CARDIOLOGY GROUP, P.A.**

Anthony J. Passannante, Sr., M.D., F.A.C.C.
Anthony J. Passannante, Jr., M.D., F.A.C.C.
John L. Dorazio, M.D., F.A.C.C.
Jack A. Stroh, M.D., F.A.C.C.
Dinesh K. Singal, M.D., F.A.C.C.

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Anand U. Kulkarni, M.D., F.A.C.C.
Clifford D. Gladstone, M.D., F.A.C.C.
Sheldon J. Kukafka, M.D., F.A.C.C.
Subhashini Gowda, M.D.
Pratik B. Patel, M.D., F.A.C.C.

NMSB2

United States
Nuclear Regulatory Commission
Region 1
Medical Licensing Branch
475 Allendale Road
King of Prussia, PA 19406

November 14, 2006

RE: Amendment to NRC license 29-28656-01

03032376

This is a request to add Pratik B. Patel, M.D. as an authorized user to this byproduct material license. His authorized use will be 10CFR35.200 for nuclear cardiology imaging.

Attached are letters supporting his clinical experience and didactic training.

You may contact Robert J. Tokarz at 732-424-0909 with any questions regarding this request.

Thank you for your attention to this matter.

Sincerely,


Anthony Passannante, Sr., M.D.
Authorized User

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NMCC/RONI MATERIALS-002

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Page 2

NEW BRUNSWICK CARDIO Fax:7312475529

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NEW BRUNSWICK CARDIO Fax:7312475529

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RADIOLOGICAL PHYSICS SERVICES, INC.

6/2/04

To Whom it May Concern:

This is to certify that, during his training in the ACGME-approved Cardiology Fellowship Program of the University of Pittsburgh Medical Center, Pratik B. Patel, MD, has completed the didactic portion of the program in Nuclear Cardiology.

This included classroom and laboratory training in basic radioisotope handling techniques applicable to the use of prepared radiopharmaceuticals, generators and reagent kits. This training consisted of 200 hours of classroom and laboratory training as prescribed in 10 CFR 35.920, Training for Imaging and Localization Studies. The training included, but was not limited to radiation physics and instrumentation, mathematics pertaining to the use and measurement of radioactivity, radiation detection and instrumentation, radiation protection and safety, radiopharmaceutical chemistry, and radiation biology.

Training also included supervised work and laboratory experience which included ordering, receiving, and unpacking radioactive materials safely and performance of required surveys and proper decontamination procedures, if required. The training included the use of dose calibrators and survey instruments and checks to ensure their proper function, testing, safe handling of radioactive materials, use of administrative controls to avoid misadministration of byproduct materials, calculation of patient doses, generator elution and testing for molybdenum and alumina contamination and use of reagent kits to prepare Tc-99m labeled radiopharmaceuticals.

Attached is a syllabus of the course material.

If I can be of further assistance, please do not hesitate to contact me at 724-543-8669.

Sincerely,



Andrew G. Bukovitz, RSO
Certified Radiological Physicist

301 Hillcrest Avenue
Pittsburgh, Pennsylvania 15237
(724) 543-8669/(612) 364-2115

Andrew G. Bukovitz, President
Certified Radiological Physicist

CERTIFIED: X-RAY AND GAMMA RAY PHYSICS, AMERICAN BOARD OF RADIOLOGY
DIAGNOSTIC IMAGING PHYSICS, AMERICAN BOARD OF MEDICAL PHYSICS

NEW BRUNSWICK CARDIO

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NUCLEAR CARDIOLOGY

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UPMC | University of Pittsburgh
Medical Center

*University of Pittsburgh Physicians
Cardiovascular Institute*

William P. Folanabee, MD, FACC

Professor of Medicine

Professor of Radiology

Director of Nuclear Cardiology

Immediate Past President

Medical Staff

UPMC Presbyterian Synodiale

May 8, 2006

UPMC Presbyterian

Suite A-429

200 Lothrop Street

Pittsburgh, PA 15219

412-647-3637

Fax: 412-647-3873

folanabee@upmc.edu

UPP Alerts: 412-647-3637

1-800-544-2500

Re: Pratik B. Patel, M.D.

To Whom It May Concern:

Pratik B. Patel, M.D., is a graduate of the cardiology fellowship program at the University of Pittsburgh Medical Center/Cardiovascular Institute. During the course of his fellowship training, he received 5 months of training in Nuclear Cardiology. He completed his cardiology fellowship training in June, 2003.

During his training, Dr. Patel had extensive experience in the performance and interpretation of all types of nuclear cardiology studies. He had training in the performance of treadmill as well as pharmacologic stress tests, including decisions as to the appropriate use of specific procedures, as well as any administration of radioisotopes. He had extensive experience in independent and collaborative interpretation of nuclear cardiology images, including SPECT myocardial perfusion images, planar myocardial perfusion images, and ventricular function images. During the course of his fellowship training, he participated in the performance and interpretation of 1,587 SPECT studies, 119 cardiac rest ventriculograms.

In addition, Dr. Patel completed all requirements for training and demonstrating competency in skills including, but not limited to, camera quality control, nuclear cardiology study acquisitions, tomographic reconstructions and quantitative processing of image data. He also received experience in radiopharmacy, including performance of radiation surveys and dosimetry.

There is a separate 200-hour basic science course in radiation disciplines offered through the University of Pittsburgh Medical Center. Dr. Patel has successfully completed that course. A letter of certification from the course director is attached with this application.

Dr. Patel's formal fellowship training in Nuclear Cardiology meets with the requirements for Level 2 training as outlined in the ACC/ASNC COCATS Guidelines (revised 2006).

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NEW BRUNSWICK CARDIO

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NUCLEAR CARDIOLOGY

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Page 2

Dr. Patel is competent to independently function as an authorized user under 10 CFR 35.290 uses.

Dr. Patel has achieved a level of competence sufficient to function independently as an authorized user for the medical uses authorized under NRC subpart E-imaging and localization.

If I can be of any help in provide you with additional documentation of his training, please do not hesitate to contact me.

Sincerely yours,



William P. Follansbee, M.D., FACC, FASNC
Professor of Medicine
Director of Nuclear Cardiology/Exercise Physiology
NRC# 37-00245-02

WPP/lem

Patel P-ltr

Cc: James Shaver, M.D., 5th Floor Scaife Hall, UPMC

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

11/14/2006 ^{RECEIVED} (12/20/2006) and to inform you that the initial processing which includes an administrative review has been performed.

^{REC'D. 29-28656-01} 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 139902.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.