



NUCLEAR TECHNOLOGIES, INC.

United States Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

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2006 SEP 11 PM 1:46

RECEIVED  
REGION I

September 6, 2006

RE: NRC license # 37-30120-01

03033422

To Whom It May Concern:

Please amend our radioactive materials license to reflect the addition of the following physicians to the above referenced NRC Radioactive Materials License as authorized users (In vitro studies).

Enclosed you will find classroom and laboratory training documentation as well as several preceptor attestation letters as evidence of declaration for license eligibility for Glenn D. Miller, MD.

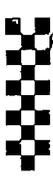
We also wish to add John S. Gregg, M.D.; previously named on our NRC Radioactive Materials License, his preceptor attestation letter, classroom certificates as well as the previous NRC License are attached.

Thank you for your prompt attention in this matter.

Sincerely,

Lon P Wilson, BS, ASNE, CNMT  
Vice President Nuclear Operations  
Radiation Safety Officer

139384



**Clarion Hospital**  
**One Hospital Drive, Clarion, PA 16214**  
**James L. Puckett, D.O.**  
**Director of Nuclear Medicine**  
814-226-1399  
FAX 814-226-3248

May 25, 2005

Certification Board of Nuclear Cardiology  
19562 Club House Road  
Montgomery Village, MD 20886 USA

RE: Eligibility for Nuclear Cardiology  
Boards for Glenn D. Miller

To Whom It May Concern:

- ✓ This is a letter to verify that Dr. Glenn Miller's training and/or experience in Nuclear Cardiology meets the requirements at outlined in the ACC/ASNCCOCATS Guidelines (Revised 2000).
- ✓ Dr. Glenn Miller is competent to independently function as authorized user under 10CFR35.290 uses.
- ✓ Dr. Miller has satisfactorily completed at least 700 hours of didactic training or work experience, which includes radiation safety, interpretation of clinical cases, and hands on experience, as outlined in the ACC/ASNCCOCATS Guidelines (revised 2000).

James L. Puckett, D.O.  
Director of Nuclear Medicine  
NRC license #37-17215-01



TEMPLE UNIVERSITY  
A Commonwealth University

School of Medicine  
Cardiology Section

3401 N. Broad Street  
Philadelphia, Pennsylvania 19140  
(215) 707-3347  
Fax: (215) 707-3946

November 7, 2000

Gateway Health Plan  
2 Chatham Ctr Ste 500  
Pittsburgh, PA 15219-3427

Attn: **Stephanie Fitzer**

RE: **Glenn D. Miller, MD**

Dear Ms. Fitzer

This letter is to confirm the training of Glenn D. Miller, M.D. in Cardiology in our program from July 1, 1993 to June 30, 1995.

Dr. Miller completed his third year of Cardiology training as an Electrophysiology fellow at another institution, and I cannot confirm the training that was provided for him in his third year.

In his two year period, he was provided training in clinical cardiology and laboratory aspects of cardiology. Our program is designed to exceed the minimal requirements for procedural competency in clinical cardiology within the two year time frame. This includes diagnostic catheterization of six months experience with over 300 studies, electrocardiography for the 2 year period averaging approximately 3,000 ECG's per year, read, echocardiograms exceeding 300 in 2 years, stress tests exceeding 150 in 2 years, nuclear cardiology exceeding 80 hours, and clinical electrophysiology for 2 months.

Dr. Miller chose to complete his training in a special program in Electrophysiology for his third year, and it would be necessary to contact his third year training program to determine the extent of training in Electrophysiology.

Dr. Miller reached or exceeded required time and numbers of procedures in the areas mentioned above, and is qualified as a clinical cardiologist to provide bedside care, echocardiograms, and ambulatory ECG's. Dr. Miller completed adequate invasive cardiac catheterization services, but not interventional cardiac catheterization services and his training in Electrophysiology should be confirmed by contact with his other training program.

I would be happy to provide any further information as needed.

Sincerely,

  
Paul J. Mather, MD

PJM/smh

***Certificate of Completion***  
***Authorized User Classroom and Laboratory***  
***Training Program***

*Glenn D. Miller, M.D.*

*has successfully completed 80 hours of classroom and laboratory training that included:*

***CorScan Plus***  
***The Nuclear Imaging Company***  
***www.corscanplus.com***

*Radiation physics and instrumentation; Radiation protection; Mathematics pertaining to the use and measurement of radioactivity; Chemistry of byproduct material for medical use; Radiation biology; Generator elution; Review of regulations regarding the medical use of radioisotopes and performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters;*

*Steven W. Walter, MD*

May 19, 2005

Steven W. Walter, MD  
Program Director  
General Manager and CEO  
CorScan Plus  
800 627 3439  
Authorized User NRC License No. 47-25351-01

Date

**ASSOCIATES IN MEDICAL PHYSICS, LLC**  
A NATIONAL MEDICAL PHYSICS CONSULTING GROUP



**NATIONAL OFFICE:**  
5288 TRANSPORTATION BLVD.  
CLEVELAND, OH 44125

[www.medphysics.com](http://www.medphysics.com)

PHONE: (216) 663-7000  
FAX: (216) 581-4361  
V M: (800) 709-4855

This is to certify that

Glenn D. Miller, M.D.

has completed all requirements for the Nuclear Licensing Course for Physicians. Associates in Medical Physics, LLC designates this continuing medical education activity for 50 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association.

Dates attended:

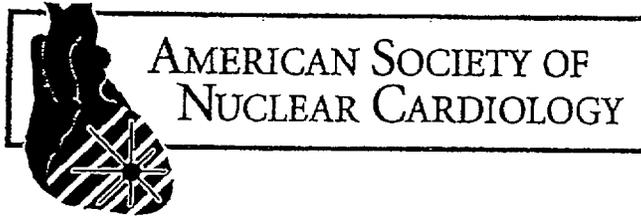
October 4-8, 2004

Director of Training

October 8, 2004

Date

Associates in Medical Physics, LLC is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.



# American Society of Nuclear Cardiology

This Statement is for Enrollee's Records

**Glenn Miller, M.D.**

attended a continuing medical education program entitled **"Nuclear Cardiology Board Exam Preparation Course"** held from July 30-31, 2005 in Chicago, IL. The American Society of Nuclear Cardiology is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

The American Society of Nuclear Cardiology designates this educational activity for a maximum of 14 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.



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Mylan C. Cohen, MD, MPH  
Chairman, ASNC Education Committee

# ASSOCIATES IN MEDICAL PHYSICS, LLC

THIS CERTIFIES THAT

*Glenn D. Miller, M.D.*

HAS SUCCESSFULLY COMPLETED ALL REQUIREMENTS  
OF THE

50 HOUR NUCLEAR LICENSING  
COURSE FOR PHYSICIANS

AND IS HEREBY AWARDED THIS CERTIFICATE OF COMPLETION  
ON THIS EIGHTH DAY OF OCTOBER, 2004



DIRECTOR OF TRAINING

Duplicate

Duplicate  
MATERIALS LICENSE

Duplicate

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. CDL Nuclear Technologies, Inc.</p> <p>2. 6400 Brooktree Court, Suite 320 Wexford, Pennsylvania 15090</p>	<p>In accordance with the letter dated August 16, 2004,</p> <p>3. License number 37-30120-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date August 31, 2014</p> <p>5. Docket No. 030-38422 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 31.11</p> <p>D. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Prepackaged Kits</p> <p>D. Sealed sources (Amersham Model AMC24 or AMCP4)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 5 millicuries</p> <p>D. 14 millicuries per source, 70 millicuries total</p>
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<p>9. Authorized use:</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. <u>In vitro</u> studies.</p> <p>D. Use as an anatomical marker.</p>
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**MATERIALS LICENSE  
 SUPPLEMENTARY SHEET**

Duplicate  
 License Number  
 37-30120-01

Duplicate  
 Docket or Reference Number  
 030-33422

Amendment No. 15

CONDITIONS

- 10. Licensed material may be used or stored at the licensee's facility located at 5400 Centre Avenue, Pittsburgh, Pennsylvania. Licensed material listed may be used at clients' medical care facilities in the States of Pennsylvania, West Virginia and Virginia.
- 11. The Radiation Safety Officer for this license is Lon P. Wilson.
- 12. Licensed material is only authorized for use by, or under the supervision of:
  - A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
  - B. The following individuals are authorized users for medical use as indicated:

Authorized Users

Material and Use

Frank S. Torok, M.D.

35.200; In vitro studies

Thomas P. Power, M.D.

35.100; 35.200; Americium 241 sealed source as an anatomical marker; In vitro studies

Ken Vesio, M.D.

35.200; In vitro studies

Shamsher Bakth, M.D.

35.200; In vitro studies

John Ward, D.O.

35.200; In vitro studies

Floyd Casaday, M.D.

35.200; In vitro studies

Ramana M. Murty, M.D.

35.200; In vitro studies

John S. Gregg, M.D.

35.200; In vitro studies

- 13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
- 14. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of 10 CFR Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

Duplicate

License Number

37-30120-01

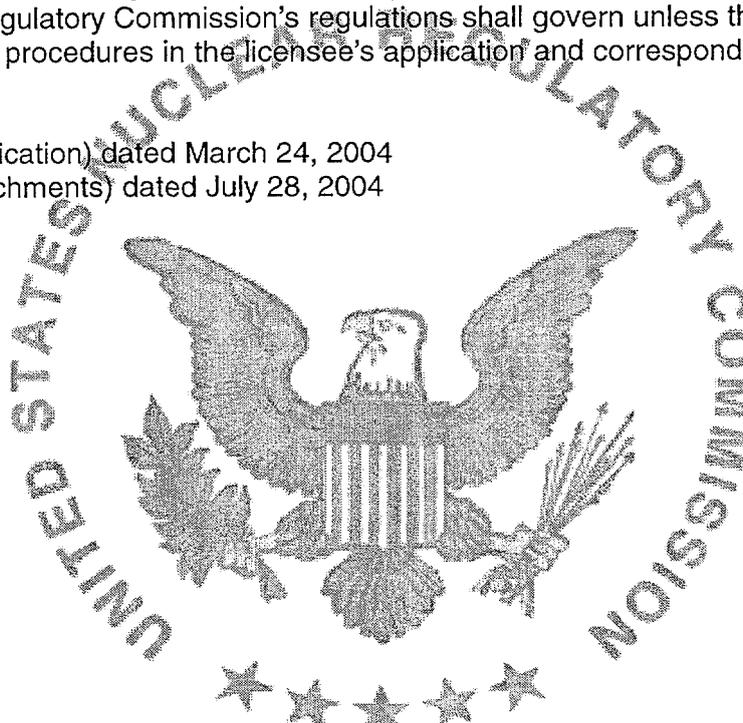
Docket or Reference Number

030-33422

Amendment No. 15

15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Letter (with application) dated March 24, 2004
- B. Letter (with attachments) dated July 28, 2004



For the U.S. Nuclear Regulatory Commission

Date September 30, 2004

By Original signed by Pamela J. Henderson  
 Pamela J. Henderson, Chief  
 Medical Branch  
 Division of Nuclear Materials Safety  
 Region I  
 King of Prussia, Pennsylvania 19406

Duplicate

Duplicate

K. Loiselle  
CDL Nuclear Technologies, Inc.

2

Thank you for your cooperation.

Sincerely,

***Original signed by Pamela J. Henderson***

Pamela J. Henderson, Chief  
Medical Branch  
Division of Nuclear Materials Safety

Enclosures:

1. Amendment No. 15
2. 10 CFR Part 35

cc:

Lon P. Wilson, Radiation Safety Officer

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**FLOYD M. CASADAY, M.D., F.A.C.C., F.A.C.P.**

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PRACTICE RESTRICTED TO CARDIOVASCULAR DISEASE

119 PROFESSIONAL CENTER  
1265 WAYNE AVENUE, SUITE 306  
INDIANA, PA 15701  
TELEPHONE (724) 349-3233  
FAX (724) 349-2339

August 3, 2004

To Whom It May Concern:

This letter is to confirm that John S. Gregg, M.D., F.A.C.C., obtained clinical experience at our lab in nuclear cardiology. His preceptorship began in January of 2003 and extended until June 30, 2004.

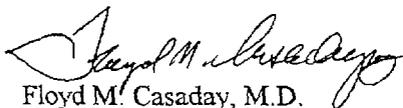
Dr. Gregg has participated in didactic sessions, which cover the entire spectrum of nuclear cardiology. Dr. Gregg has successfully completed his 200-hour basic isotope course in 1991.

Dr. Gregg has spent over 700 hours of clinical experience in our nuclear cardiology laboratory under my direct supervision. This experience includes work with radioactive materials, patient dosages, administration of dosages, package receipt, GM meter use, concepts of time – distance and shielding and other matters associated with radiation awareness in the nuclear lab. During that period of time, Dr. Gregg was specifically involved in the performance, selection and interpretation of the following clinical imaging tests:

- 300** Exercise Stress Tests with technetium perfusion imaging/including both Stress and Rest First Pass imaging procedures.
- 100** Pharmacologic Stress Tests with technetium perfusion imaging including Rest First Pass evaluation procedures.
- 100** Ejection fraction calculation procedures
- 300** Gated wall motion studies.

Based on my experience and direct supervision of Dr. Gregg, I feel very confident to state that he is a competent Nuclear Cardiologist and that he has a thorough knowledge of both clinical and technical aspects of Nuclear Cardiology. If you have any questions regarding this letter, please do not hesitate to contact me.

Sincerely,



Floyd M. Casaday, M.D.  
Board Certified-Nuclear Cardiology  
Authorized User, License #37-30120-01

# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion and Competency

*This document is to attest that*

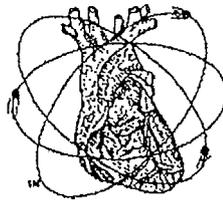
JOHN S. GREGG, M.D.,

*has successfully completed the didactic program*

### MEDICAL RADIATION PROTECTION

*and has provided evidence of attendance in this program and evidence of achieving the objectives of this program through examination.*

*This program provides the following levels of accomplishment:*



- 50 Didactic Instructional Hours (DIH)  
(in compliance with 10CFR35)
- 5 Continuing Education Units (CEU)
- 50 Continuing Medical Education (CME)
- 50 Technical/Professional Credit as Specified  
by: APA & AAHP

Additional Documentation will  
be provided to Regulatory Agencies  
upon participant request

8 June 1991  
Date Class Commenced

Authorized Signature

077078

Affidavit of Competency

## INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5785 Arapahoe, Suite D, Boulder, CO 80303 800-548-4024

Certified as an Approved Educational Institution by the Department of Higher Education, State of Colorado. Validated by the Accrediting Commission of the Accrediting Council for Continuing Education Training, a national accrediting agency listed by the US Secretary of Education. Validated by the American Council on Education, recognized by the American Association for Collegiate Registrars, Council on Post-Secondary Education.

# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion and Competency

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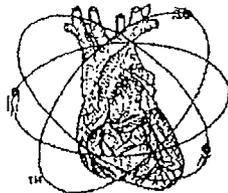
JOHN S. GREGG, M.D.

*has successfully completed the didactic program*

### RADIOPHARMACEUTICALS AND CHEMISTRY

*and has provided evidence of attendance in this program and evidence of achieving the objectives of this program through examination.*

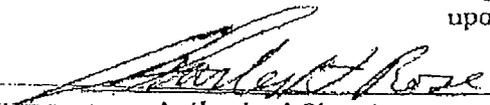
*This program provides the following levels of accomplishment:*



- 50 Didactic Instructional Hours (DIH)  
(In compliance with 10CFR35)
  - 5 Continuing Education Units (CEU)
  - 50 Continuing Medical Education (CME)
  - 50 Technical/Professional Credit as Specified  
by: APA & AAHP
- Additional Documentation will be provided to Regulatory Agencies upon participant request

12 June 1991  
Date Class Commenced

077113

  
Authorized Signature

Affidavit of Competency

## INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5785 Arapahoe, Suite D, Boulder, CO 80303 800-548-4024

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# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion and Competency

*This document is to attest that*

JOHN S. GREGG, MD

*has successfully completed the didactic program*

### MEDICAL RADIATION INSTRUMENTATION

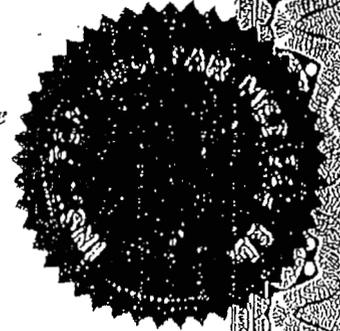
*and has provided evidence of attendance in this program and evidence of achieving the objectives of this program through examination.*

*This program provides the following levels of accomplishment:*



- 50 Didactic Instructional Hours (DIH)  
(In compliance with 10CFR35)
- 5 Continuing Education Units (CEU)
- 50 Continuing Medical Education (CME)
- 50 Technical/Professional Credit as Specified  
by: APA & AAHP

Additional Documentation will be provided to Regulatory Agencies upon participant request



15 Nov 1991  
Date Class Commenced

*[Handwritten Signature]*  
Authorized Signature

076991

Affidavit of Competency

## INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

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# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion and Competency

*This document is to attest that*

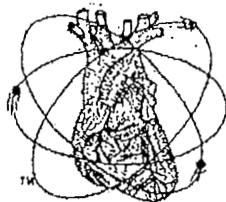
JOHN S. GREGG, MD

*has successfully completed the didactic program*

### PRINCIPLES OF RADIATION PHYSICS

*and has provided evidence of attendance in this program and evidence of achieving the objectives of this program through examination.*

*This program provides the following levels of accomplishment:*



- 50 Didactic Instructional Hours (DIH)  
(In compliance with 10CFR35)
- 5 Continuing Education Units (CEU)
- 50 Continuing Medical Education (CME)
- 50 Technical/Professional Credit as Specified  
by: APA & AAHP

Additional Documentation will  
be provided to Regulatory Agencies  
upon participant request

11 May 1991  
Date Class Commenced



Authorized Signature

076990

Affidavit of Competency

## INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5785 Arapahoe, Suite D, Boulder, CO 80303 800-548-4024

Certified as an Approved Educational Institution by the Department of Higher Education, State of Colorado. Validated by the Accrediting Commission of the Accrediting Council for Continuing Education Training, a national accrediting agency listed by the US Secretary of Education. Validated by the American Council on Education, recognized by the American Association for Collegiate Registrars, Council on Post-Secondary Education.

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

9/6/2006, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment 37-30120-01 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** 139384.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.