



# NCS

NC SYSTEMS, INC.  
NUCLEAR CARDIOLOGY SYSTEMS  
5660 AIRPORT BLVD., SUITE 101  
BOULDER, CO 80301

September 6, 2007

Toye L. Simmons  
Materials Licensing Branch  
United State Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

Fax: 630.515.1078

Ph: 630-820-9842  
Re: Control 3'6404

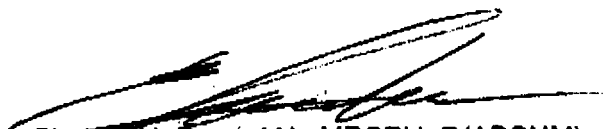
Dear Toye,

The enclosed is a summary with attached documentation verifying that Dr. Siddiqui, M.D., FACC, was qualified for licensure in 1994; however, he did not apply at that time. Since 1994, he has continued to be active in the field of nuclear cardiology. He continued to use this technology with his own patients at several hospital locations.

In 2006 and 2007, he accumulated an additional 80+ hours of formal preceptorship including Handling Experience and Generator Elution experience. Dr. Siddiqui clearly has proved initial and continued education in nuclear cardiology.

Your prompt attention to this license application is appreciated.

Sincerely,



Charles H. Rose, MA, MDSPH, D(ABSNM)  
Nuclear Cardiology Systems, Inc.

Attachments (6)

**INME  
CURRICULUM<sup>®</sup> BY SUBJECT MATTER HOURS**

Topic	Medical Radiation Physics	Medical Radiation Instrumentation	Medical Radiation Protection	Radiopharmaceuticals & Chemistry	Total Hours	FUNDAMENTALS <sup>(1)</sup> of Radiisotope Handling	Extended COMPREHENSIVE <sup>(2)</sup> Radiisotope Handling	Total Hours
Rad. Phy. & Instrument.	19	36	18	27	100	50	50	100
Rad. Protect & Reg. Comply	10	2	16	2	30	15	15	30
Math of Use	6	5	4	5	20	10	10	20
Rad. Biol. & Risk	5	2	10	3	20	10	10	20
Radiopharm. & Chem.	10	5	2	13	30	15	15	30
<b>Total</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>200</b>	<b>100<sup>(1)</sup></b>	<b>100<sup>(2)</sup></b>	<b>200</b>

<sup>(1)</sup> Prerequisite for Extended Comprehensive Radiisotope Handling.  
Exceeds the minimum 80 hours that may be required by some agencies.

<sup>(2)</sup> When combined with the prerequisite of FUNDAMENTALS, this BRIH program, Extended COMPREHENSIVE Radiisotope Handling, meets the requirements of all regulatory agencies, currently and in the future.

**INME • 5660 Airport Blvd., Suite 101 • Boulder, Colorado 80301**  
**(800) 548-4024 • (303) 541-0044 • Fax (303) 541-0066 • inme.org • ncs@nuclearcardiology.com**

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Revised 04/05

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR AT**

**5. Training and Experience for Proposed Authorized User (continued)**

**b. Supervised Work Experience (continued)**

Description of Experience	Location of Experience, License or Permit Number of Facility	Clock Hours	Date of Experience*
Using administrative controls to prevent a medical event involving the use of unsealed byproduct material	Oct 93 - Jan 94 Univ. Chicago	500 Cases	
Using procedures to contain spilled byproduct material safely and using proper decontamination procedures	"	500 Cases	
Administering dosages of radioactive drugs to patients or human research subjects	"	500 Cases	
Aligning generator systems appropriate for the preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radioisotopic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs			

**Total Hours of Experience:**

Supervising individual: *[Signature]* (ASNM) License/Permit Number listing supervising individual as an authorized user: *IL-01115-01 (from 1987 thru 2002)*

Supervisor meets the requirements below, or equivalent Agreement State requirements (check one).  
 35.190     35.200     35.300     35.300 + generator experience in 35.200(c)(1)(B)(C)

**c. For 35.300 only, provide documentation of training on use of the device.**

Device	Type of Training	Location and Dates

**d. For 35.300 users only, stop here. For 35.100 and 35.200 users, stop here and complete Part II Preceptor Attestation.**

## **Attachment 4**

### **Clinical Experience:**

**Regarding related continuing education and experience since the required training and experience was completed (10 CFR Title 35.59), this clinical experience include but is not limited to:**

- **Examination of patients to determine suitability of the procedure, including indications, contraindications, and contraconsiderations;**
- **Selection the radiopharmaceutical for the procedure;**
- **Supervising the administration of the radiopharmaceutical during stress tests;**
- **Consultation and utilization of the clinical results in the management of these patients.**

# PIC

**PHYSICIANS IMAGING CENTER  
180 AVENUE AT THE COMMON  
SHREWSBURY, N.J. 07702  
TEL: 732-380-9090 FAX: 732-380-9080**

**MAILING ADDRESS:  
PHYSICIANS IMAGING CENTER  
P.O. BOX 778  
RED BANK, N.J. 07701**

July 17, 2007

**To Whom It May Concern:**

This letter is to affirm that Jawed Siddiqui, M.D. received training and experience at our institution, Physicians Imaging Center, in Imaging and Localization studies. The Preceptorship commenced on 9/5/06 through 9/8/06. Dr. Siddiqui returned to our facility on 6/11/07 through 6/15/07.

During this training program, Dr. Siddiqui received not less than 80 hours of supervised work experience, and not less than 80 hours of concurrent supervised clinical experience, under the supervision of an Authorized User.

The supervised work experience included ordering, receiving, and unpacking radioactive materials safely, performing related radiation surveys, calibrating dose calibrators and diagnostic instruments, performing checks for proper operation of survey meters, calculating and safely preparing patient dosages, using administrative controls to prevent the misadministration of byproduct material, using procedures to contain spilled byproduct material safely, and using proper decontamination procedures.

The supervised clinical experience included examining patients and reviewing case histories to determine their suitability for radiotracer diagnosis, and limitations or contraindications, selecting the suitable radiopharmaceuticals and calculating and measuring dosages, administering dosages to patients using syringe radiation shields, and collaborating with the Authorized User in the interpretation of radiotracer test results and patient follow-up.

Sincerely,





June and July, 1990	<b>Basics of Radioisotope Handling</b> Four 50-hr. programs by INME Certificates attached <sup>(1)</sup> ; Curriculum attached <sup>(2)</sup>	200 hrs.
October 1993 – January 1994	<u>Clinical Handling Experience</u> University of Chicago Preceptor statement attached <sup>(3)</sup>	500 hrs.
July 1990 – 2007	<u>Clinical Experience</u> <sup>(4)</sup>  7/90 – 2007 South Pointe Hospital St. Louis, MO 63118  8/91 – 2007 Forest Park Hospital St. Louis, MO 63139  7/96 – 2007 Des Peres Hospital St. Louis, MO 63122  7/99 – 2007 St. Alexis Hospital St. Louis, MO 63125	4,000 hrs.
September 2006 and June 2007	<u>Continuing Education and Experience</u> Physicians Imaging Center Attached <sup>(5)</sup>	80 hours
January 2007	<sup>99</sup> Mo/ <sup>99m</sup> Tc Generator Experience Cardinal Health Attached <sup>(6)</sup>	

# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion

*This document is to attest that*

JAWED H. SIDDIQUI, M.D.

*has successfully completed the didactic program*

### PRINCIPLES OF RADIATION PHYSICS

*and has provided evidence of achieving the objectives of this program.*

*The program provides the following levels of accomplishment:*

- 50 Didactic Instructional Hours (DIH)
- 5 Continuing Education Units (CEU)
- Continuing Medical Education (CME)\*
- Technical/Professional Credit as Specified

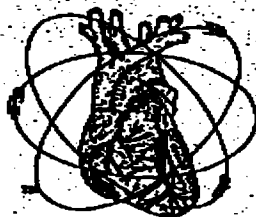
by: \_\_\_\_\_ \*

Additional Documentation will be provided  
to Regulatory Agencies  
upon participant request

*\*additional documentation provided*

14 July 1990

Date Commenced



  
Authorized Signature

076440

Affidavit

**INSTITUTE FOR NUCLEAR MEDICAL EDUCATION**

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





# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion

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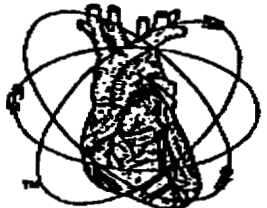
JAWED H. SIDDIQUI, M.D.

has successfully completed the didactic program

### RADIOPHARMACEUTICALS AND CHEMISTRY

and has provided evidence of achieving the objectives of this program.

The program provides the following levels of accomplishment:



- 50 Didactic Instructional Hours (DIH)
- 5 Continuing Education Units (CEU)
- Continuing Medical Education (CME)\*
- Technical/Professional Credit as Specified

by: \_\_\_\_\_

Additional Documentation will be provided to Regulatory Agencies upon participant request  
\*additional documentation provided

6 June 1990  
Date Commenced

Authorized Signature

076369

Affidavit

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# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion

*This document is to attest that*

JAVED H. SIDDIQUI, M.D.

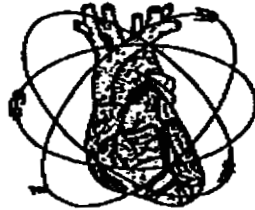
*has successfully completed the didactic program*

## MEDICAL RADIATION PROTECTION

*and has provided evidence of achieving the objectives of this program.*

*The program provides the following levels of accomplishment:*

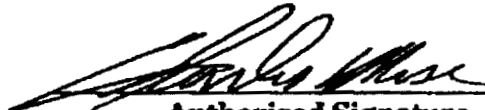
- 50 Didactic Instructional Hours (DIH)
- 5 Continuing Education Units (CEU)
- Continuing Medical Education (CME)\*
- Technical/Professional Credit as Specified by: \_\_\_\_\_\*



Additional Documentation will be provided to Regulatory Agencies upon participant request  
\*additional documentation provided

11 August 1990

Date Commenced



Authorized Signature

076486

Affidavit

**INSTITUTE FOR NUCLEAR MEDICAL EDUCATION**

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



# NUCLEAR MEDICAL EDUCATION PROGRAM

## Affidavit of Academic Completion

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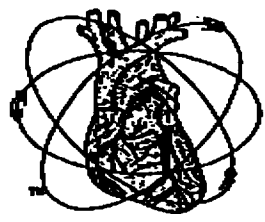
JAVED H. SIDDIQUI, M.D.

has successfully completed the didactic program

### MEDICAL RADIATION INSTRUMENTATION

and has provided evidence of achieving the objectives of this program.

The program provides the following levels of accomplishment:



- 50 Didactic Instructional Hours (DIH)
  - 5 Continuing Education Units (CEU)
  - Continuing Medical Education (CME)\*
  - Technical/Professional Credit as Specified
- by: \_\_\_\_\_

Additional Documentation will be provided to Regulatory Agencies upon participant request  
*\*additional documentation provided*

14 July 1990

Date Commenced

  
Authorized Signature

076441

Affidavit

**INSTITUTE FOR NUCLEAR MEDICAL EDUCATION**

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

Attachment 1-d