

9/12/06

Nuclear Regulatory Commission, Region 1
Materials Licensing Section
475 Allendale Road
King of Prussia, PA 19406-1415
610-337-5300

RECEIVED
REGION 1

2006 SEP 14 AM 10:00

Br. 2

RE: Radioactive materials license number 45-30953-01

03036662

Request for amendment

Dear Sir or Madam:

Please amend the above referenced license in the following sections:

Section 12.B :

ADD: Authorized User

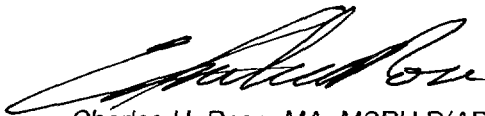
Authorized Use

Mariano D. Chutuape, M.D

35.200

I have enclosed a copy of Preceptorship letter and certificates of coursework completion to document the training and experience of Dr. Chutuape,
Should you need any further assistance, please contact me at 303-541-0044.

Sincerely,



Charles H. Rose, MA MSPH D(ABSNM)
Radiation Safety Officer
Woodbridge Cardiovascular Center, PLC
14904 Jefferson Davis Highway, Suite 101
Woodbridge, VA 22191

139395
NMSS/RGNI MATERIALS-002

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

This document is to attest that

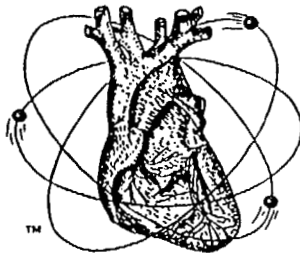
MARIANO D. CHUTUAPE, M.D.

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.

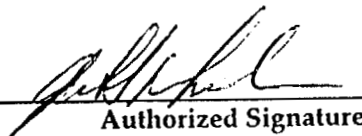
This program provides the following levels of accomplishment:



- 50 Didactic Instructional Hours (DIH)
(In compliance with 10CFR35)
- 5 Continuing Education Units (CEU)
- 50 Continuing Medical Education (CME)
- 50 Technical/Professional Credit specified by the
American Pharmaceutical Association and the
American Association of Health Physicists*

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

24 May 1995
Date Class Commenced


Authorized Signature

190102

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5171 Eldorado Springs Drive, Boulder, CO 80303 — 800-548-4024

1132 INME 8/94

Certified, Approved and Regulated by the Division of Private Occupational Schools, Department of Higher Education in 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

This document is to attest that

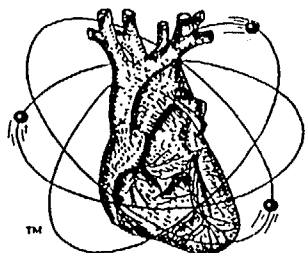
MARIANO D. CHUTUAPE, M.D.

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:

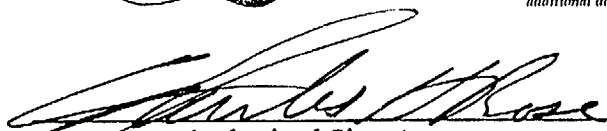


- 50 Didactic Instructional Hours (DIH)
(In compliance with 10CFR35)
- 5 Continuing Education Units (CEU)
- 50 Continuing Medical Education (CME)
- 50 Technical/Professional Credit specified by the
American Pharmaceutical Association and the
American Association of Health Physicists*

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



20 May 1995
Date Class Commenced


Authorized Signature

190058

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5171 Eldorado Springs Drive, Boulder, CO 80303 — 800-548-4024

1132 INME 8/94

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NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

This document is to attest that

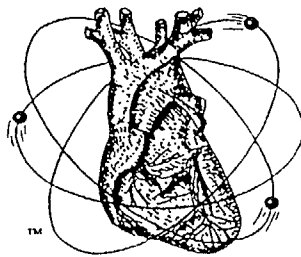
MARIANO D. CHUTUAPE, M.D.

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:



- 5 — Didactic Instructional Hours (DIH)
(In compliance with 10CFR35)
- 1 — Continuing Education Units (CEU)
- 5 — Continuing Medical Education (CME)
- 5 — Technical/Professional Credit specified by the
American Pharmaceutical Association and the
American Association of Health Physicists

*Additional documentation will be provided to Regulatory Agencies upon request

17 June 1995

Date Class Commenced

Authorized Signature

190065

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5171 Eldorado Springs Drive, Boulder, CO 80303 — 800-548-4024

1132 INME 8/94

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NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

This document is to attest that

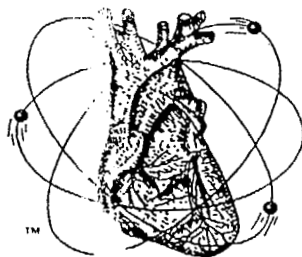
MARIANO D. CHUTUAPE, M.D.

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 specified by the
American Pharmaceutical Association and the
American Association of Health Physicists*

*Additional documentation to be provided to Regulatory Agencies upon participant request

21 June 1995
Date Class Commenced

Authorized Signature

190224

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5171 Eldorado Springs Drive, Boulder, CO 80303 — 800-548-4024

1132 INME 8/94

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JUL-20-2006 12:50 PM

P. 02

This is to attest that Mariano D. Chutane has presented evidence that he/she has satisfactorily completed the following training and experience as stipulated in §35.290. The doctor has:

1. Completed 200 hours of classroom and laboratory training in basic radionuclide handling techniques applicable to the medical use of unsealed byproduct material for imaging and localization studies that included:
 - 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.
2. Completed 70 hours of work experience, under the supervision of an authorized user who meets the requirement of §35.290 or, if an authorized user trained before 24 October 2005, §35.920 or equivalent Agreement State requirements. This work experience included, but was not limited to:
 - (a) Ordering, receiving, and unpacking radioactive materials safely, and performing the related radiation surveys.
 - (b) Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters.
 - (c) Calculating, measuring, and safely preparing patient or human research subject dosages.
 - (d) Using administrative controls to prevent a medical event involving the use of unsealed byproduct material.
 - (e) Using procedures to safely contain spilled radioactive material and using proper decontamination procedures.
 - (f) Administering dosages of radioactive drugs to patients or human research subjects.
 - (g) 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.

The classroom and laboratory training and work experience should provide a level of knowledge to permit the doctor to function, with regards to these areas, as an authorized user for diagnostic imaging and localization studies.


Preceptor Signature

Date

8/17/06

NRC 32-28619-01

Materials License #

NRC

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

9/12/2006, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment 45-30953-01 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** 139395.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.