

OCT - 9 1996

Louis R. Ycre, Jr.
President and Chief Executive Officer
Pascack Valley Hospital
Old Hook Road
Westwood, NJ 07675-3181

Dear Mr. Ycre:

In accordance with 10 CFR 35.14, your letter dated September 19, 1996 is accepted as notification that you have permitted Kevin H. Silver, M.D. to work as an authorized user pursuant to 10 CFR 35.13(b)(1). No further correspondence on this matter is required.

Your cooperation is appreciated.

Sincerely,

Original Signed By:
Michelle Beardsley

Michelle R. Beardsley
Division of Nuclear Materials Safety

License No. 29-07470-03
Docket No. 030-02497
Control No. 123756

DOCUMENT NAME: R:\WPS\MLTR\N2907470.03

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

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|--------|-----------|-----|---------|-----|-----|-----|-----|
| OFFICE | DNMS/RI | N | DNMS/RI | | | | |
| NAME | Beardsley | | | | | | |
| DATE | 10/09/96 | 10/ | /96 | 10/ | /96 | 10/ | /96 |

OFFICIAL RECORD COPY

ML 10

9610210142 961009
PDR ADOCK 03002497
C PDR



**Pascack
Valley
Hospital**

030-02417

William J. Woods
Chairman, Board of Directors

Louis R. Ycre, Jr.
President

September 19, 1996

License Management Branch
Nuclear Materials Safety Branch
Division of Radiation Safety and Safeguards
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415
Re: License No: 29-07470-03

Dear Sirs:

At the present time, we wish to notify the NRC that our Radiation Safety Committee had approved a new physician user.

Relevant information is as follows:

Physician name: Kevin H. Silver, M.D.

Materials requested: 35.200 for cardiovascular clinical procedures

Documentation of experience:

1. Presbyterian Hospital of Dallas (broad scope license)
Authorized user for cardiovascular clinical procedures
Per William C. Harvey, M.D. - Chief, Nuclear Medicine Service
Letter attached.
2. University of Massachusetts Medical Center, (broad scope license)
Authorized user for cardiovascular clinical procedures
Outline of training and experience
Per A. Bertrand Brill, M.D. - Chairman, Radiation Safety Committee
Letters attached
3. Substitute NRC 313-M - Supplement A
Training of Authorized User
Per Clyde E. Pearce, Director of Education, Institute for Nuclear
Medicine Education, Inc.
Form attached with training certificates

If any additional information is required for this notification please do not hesitate to contact the hospital.

Sincerely,

Louis R. Ycre, Jr.
President & Chief Executive Officer

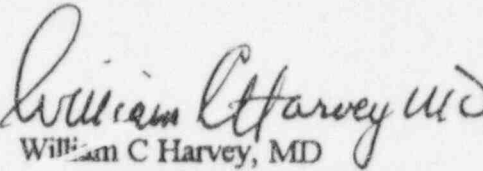


8200 Walnut Hill Lane
Dallas, Texas 75231-4496
(214) 345-6789

TO WHOM IT MAY CONCERN

RE: Kevin H Silver, MD
DATE: 5 June, 1996

Having presented proper qualifications, Dr Kevin H Silver has been accorded user privileges by the Radioisotope Committee of this broad-license institution. Over the past two years he has been performing rest and stress MUGA determinations, PYP infarct-avid imaging and thallium-201 and Tc-SestaMIBI stress myocardial SPECT scintigraphy. He has faithfully observed hospital regulations on radiation safety and his professional and technical performance has been above reproach.


William C Harvey, MD
Chief, Nuclear Medicine Service



University of Massachusetts

Department of Nuclear Medicine
University of Massachusetts Medical Center
55 Lake Avenue North
Worcester, MA 01655
(508) 856-4236/3176
FAX: (508) 856-4572

A. Bertrand Brill, M.D., Ph.D.
Professor
Director of Research

April 20, 1994

To Whom It May Concern:

During the past 4 years Dr. Kevin H. Silver has attended and participated in the clinical nuclear cardiology program at the University of Massachusetts Medical Center. He has performed well and is qualified to interpret nuclear cardiac imaging studies, and I recommend that he be allowed full privileges in this area. Specifically, as outlined in Appendix 41-E, he has completed 500 hours of supervised work experience under my supervision that includes:

1. ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys;
2. calibrating dose calibrators and diagnostic instruments and performing checks for proper operation of survey meters;
3. calculating and safely preparing patient dosages;
4. using administrative controls to prevent the misadministration of byproduct material;
5. using procedures to contain spilled byproduct material safely and using proper decontamination procedures; and
6. eluting technetium-99m from generator systems, measuring and testing the eluate for molybdenum-99 and alumina contamination, and processing the eluate with reagent kits to prepare technetium-99m labeled radiopharmaceuticals; and

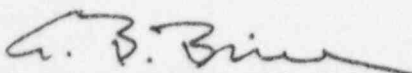
500 hours of supervised clinical experience under my supervision that includes:

1. examining patients and reviewing their case histories to determine their suitability for radioisotope diagnosis, limitations, or contraindications;
2. selecting the suitable radiopharmaceuticals and calculating and measuring the dosages;
3. administering dosages to patients and using syringe radiation shields;
4. collaborating with the authorized user in the interpretation of radioisotope test results; and
5. patient follow-up

Both the 500 hours of supervised work experience and the 500 hours of clinical experience were performed concurrently. The training was performed at the University of Massachusetts Medical Center, a medical teaching institution with a broad license.

I am licensed for the full scope of nuclear procedures. Enclosed, please find a copy of my sub-license under the institutional license.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "A. B. Brill".

A. Bertrand Brill, MD, PhD, FACNP
Board Certified in Nuclear Medicine



University of Massachusetts

Department of Nuclear Medicine
University of Massachusetts Medical Center
55 Lake Avenue North
Worcester, MA 01655
(508) 856-4236/3176
FAX: (508) 856-4572

Dr. Kevin Silver
Professor
7150 Greenville Ave
Dallas, TX 75231

A. Bertrand Brill, M.D., Ph.D.

Director of Research

December 5, 1994

Dear Kevin:

I have gone over the Nuclear Medicine Dept. records and have the following additional information to send to you to document your experience in Nuclear Medicine here at the Univ. of Massachusetts Medical Center.

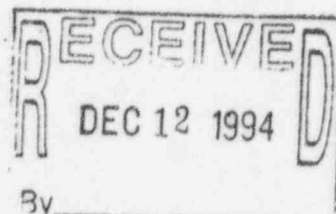
The period in which you were in the Nuclear Medicine Dept. performing Nuclear Cardiology studies was from July 1, 1993 to June 30, 1994.. During that time you participated in the conduct and interpretation of approximately:

300 Stress TI-201
50 Stress sestamibi, and
100 Radionuclide ventriculography studies.

We enjoyed having you in the program, and wish you well in your new activities.

Sincerely yours,

A. Bertrand Brill, MD, PhD.



TRAINING OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

Kevin H. Silver, M.D.

2. STATE OR
TERRITORY IN
WHICH LICENSED
TO PRACTICE
MEDICINE

Texas, Mass.

ADDRESS

3. CERTIFICATION

SPECIALTY BOARD

A

ABIM/ABIM

CATEGORY

B

Intern. Med/Cardiology

MONTH AND YEAR CERTIFIED

C

Sept. 1989/Sept. 1993

4. Training Received in Basic Radiolotope Handling Techniques

Field of Training

A

Location(s) and Date(s) of
Training

B

Type and Length of Training

LECTURE LABORATORY COURSES

(Hours)

C

35.920(b)(1) and 35.32(b)(1)

The dates of the classes
are given on the attached
Certificates of
Completion/Competency

Institute for Nuclear
Medical Education, Inc.
Certified as Approved by
the Colorado Department
of Higher Education

ACCET

ACE

AAHP

NUSPEX

| Physics of Radiation | Medical Radiation Instrumentation | Medical Radiation Protection | Radiopharmaceuticals and Dosimetry | Total Hours per Subject |
|-------------------------|--------------------------------------|---------------------------------|---------------------------------------|----------------------------|
| 39 | 31 | 8 | 22 | 100 |
| 2 | 4 | 20 | 4 | 30 |
| 5 | 6 | 6 | 3 | 20 |
| 2 | 3 | 12 | 3 | 20 |
| 2 | 6 | 4 | 18 | 30 |

a. RADIATION PHYSICS AND
INSTRUMENTATION

b. RADIATION PROTECTION

c. MATHEMATICS PERTAINING TO
THE USE AND MANAGEMENT
OF RADIOACTIVITY

d. RADIATION BIOLOGY

e. RADIOPHARMACEUTICAL
CHEMISTRY

5. EXPERIENCE WITH RADIATION (Actual use of Radiolotopes or Equivalent Experience)

| ISOTOPE | MAXIMUM AMOUNT | WHERE EXPERIENCE WAS GAINED | DURATION OF EXPERIENCE | TYPE OF USE |
|--|----------------|--------------------------------|------------------------|-------------|
| See the attached statement of experience | | | | |

6. TRAINING WAS COMPLETED UNDER THE DIRECT SUPERVISION OF:

NAME: Institute for Nuclear Medical Education, Inc.

ADDRESS: 5171 Eldorado Springs Drive

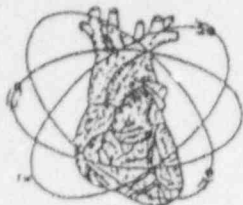
CITY: Boulder

STATE: CO

ZIP: 80303

Authorized Signature

TELEPHONE: 303-499-4099



Institute For Nuclear Medical Education, Inc.

Approved and Regulated by The Division of Private Occupational Schools, Department of Higher Education in Colorado

Licensed:
Colo. #751-01
Validated:
ACE
ACCET
AAHP
NUSPEX
Accepted:
USNRC
35.32
35.920
Agreement States
State BME
Member:
ISCET
NSTA
AAPS
Listed:
NRC-STIS
CVC-SNM
Credits Provided:
CME
CEU

December 2, 1994

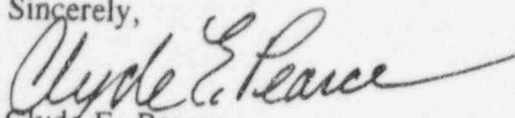
TO WHOM IT MAY CONCERN:

This is to certify that Kevin H. Silver, M.D., has completed the 200 hour accredited nuclear medical education program provided by the Institute for Nuclear Medical Education. Dr. Silver attended parts I (Principles of Radiation Physics) and II (Principles of Radiation Instrumentation) when these were presented in Philadelphia, Pennsylvania, beginning September 24, 1994 and continuing for 100 hours. He completed parts III (Medical Radiation Protection) and IV (Radiopharmaceuticals and Chemistry) when these were presented in Chicago, Illinois, beginning October 22, 1994 and continuing for 100 hours. The four courses together comprised a total of 200 hours didactic instruction. A detailed breakdown of the course content is attached further describing the exact number of hours he participated in radiation physics, instrumentation, radiation protection, mathematics pertaining to radioactivity, radiation biology and radiopharmaceutical chemistry. (See attached Supplement A).

The class attendance lists show that Dr. Silver was present at all 40 sessions of the program, and our examination records show that he completed and passed all of the written competency examinations as scheduled for each part and all class assignments.

If you have any other questions, or desire other information do not hesitate to call or write.

Sincerely,


Clyde E. Pearce
Director of Education

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

This document is to attest that

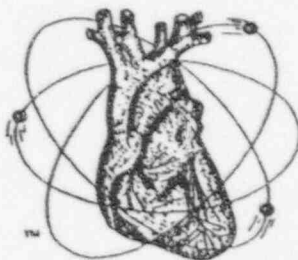
KEVIN H. SILVER, M.D.

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

24 September 1994

Date Class Commenced

Authorized Signature

101216

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

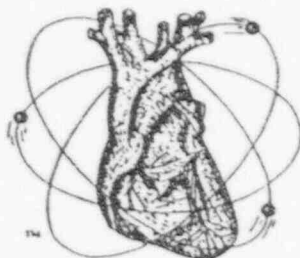
KEVIN H. SILVER, M.D.

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

28 September 1994
Date Class Commenced

Authorized Signature

101217

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

5171 Eldorado Springs Drive, 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

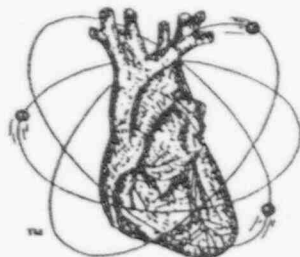
KEVIN H. SILVER, M.D.

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

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

22 October 1994
Date Class Commenced

Authorized Signature

130978

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

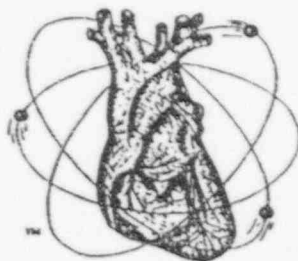
KEVIN H. SILVER, M.D.

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 will be provided to Regulatory Agencies upon participant request

26 October 1994
Date Class Commenced

Authorized Signature

100077

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

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

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.

1132 INME 0/94

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LTS

PROGRAM CODE: 02120
STATUS CODE: 0
FEE CATEGORY: 7C
EXP. DATE: 20060131
FEE COMMENTS: -----
DECOM FIN ASSUR REQD: N
.....

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: PASCACK VALLEY HOSPITAL
RECEIVED DATE: 961003
DOCKET NO: 3002497
CONTROL NO.: 123756
LICENSE NO.: 29-07470-03
ACTION TYPE: NOTIFICATIONS

2. FEE ATTACHED

AMOUNT: -----
CHECK NO.: -----

3. COMMENTS

SIGNED Rebecca J. Brown
DATE 10/3/96

8. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED / __/)

1. FEE CATEGORY AND AMOUNT: -----

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:

AMENDMENT -----
RENEWAL -----
LICENSE -----

3. OTHER -----

SIGNED -----
DATE -----