

MATERIALS LICENSE

Amendment No. 15

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.

301804

Licensee		In accordance with the letter dated September 3, 1996	
1. Northside Cardiology, P.C.		3. License Number 13-24359-01 is amended in its entirety to read as follows:	
2. 8333 Naab Road, Suite 200 Indianapolis, IN 46260		4. Expiration Date December 31, 2004	
		5. Docket or Reference No. 030-18523	
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Any byproduct material identified in 10 CFR 35.200	A. Any radiopharmaceutical identified in 10 CFR 35.200	A. As needed	

9. Authorized Use:
- A. Medical use described in 10 CFR 35.200 limited to cardiovascular clinical procedures.

CONDITIONS

10. Locations of Use: 13400 North Meridian, Suite 500, Carmel, Indiana; 3015 10th Street, Columbus, Indiana; and 8333 Naab Road, Suite 200, Indianapolis, Indiana.
11. Radiation Safety Officer: Ronald J. Landin, M.D.
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized Users

- A. Michael W. Ball, M.D.
280010
- B. Gregory B. Elsner, M.D.

Material and Use

- 10 CFR 35.200 limited to cardiovascular clinical procedures. dl
- 10 CFR 35.200 limited to cardiovascular clinical procedures. m

9610280013 960917
PDR ADOCK 03018523
C PDR

COPY

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

13-24359-01

Docket or Reference Number

030-16523

Amendment No. 15

Authorized Users

- C. Daniel M. Gelfman, M.D.
- D. Bruce A. Gelinas, M.D.
- E. Geilan Ismail, M.D.
- F. Ronald J. Landin, M.D.
- G. Thomas J. Linnemeier, M.D.
- H. Daniel Lips, M.D.
- I. Thomas I. Murtaugh, M.D.
- J. Robert L. Panther, M.D.
- K. Roderick Sawyer, M.D.
- L. David R. Schmidt, M.D.
- M. Martin See, M.D.
- N. Joseph E. Steinmetz, M.D.
- O. Morton Tavel, M.D.
- P. Mary M. Walsh, M.D.

Material and Use

- 10 CFR 35.200 limited to cardiovascular clinical procedures.
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

13-24359-01

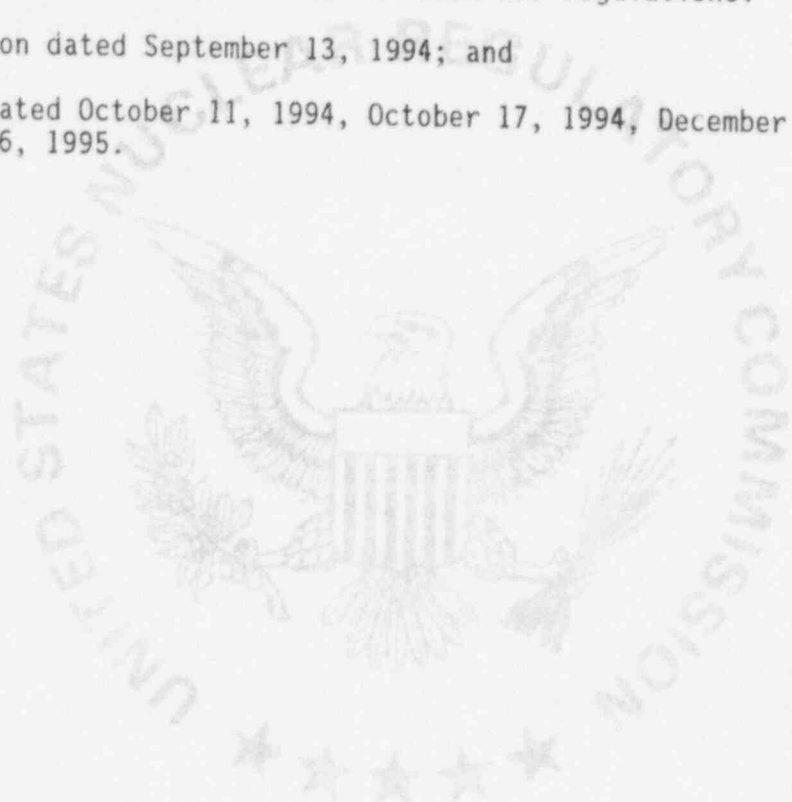
Docket or Reference Number

030-18523

Amendment No. 15

13. 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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. The 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. Application dated September 13, 1994; and
- B. Letters dated October 11, 1994, October 17, 1994, December 5, 1994, and February 6, 1995.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

9/17/96

By

Michael F. Webb

Nuclear Materials Licensing Branch, Region III

COPY

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 02201
Status Code: 0
Fee Category: 7C
Exp. Date: 20041231
Fee Comments:
Decon Fin Assur Req'd: N

21
S2

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: NORTHSIDE CARDIOLOGY, P.C.
Received Date: 960904
Docket No: 3018523
Control No.: 301804
License No.: 13-24359-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 430
Check No.: 05/331

3. COMMENTS

Signed
Date

P. Hersey
9-6-96

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount:

7C

440

2. Correct Fee Paid. Application may be processed for:

Amendment
Renewal
License

3. OTHER

Signed
Date

SC
10/9/96

OCT 15 1996

Log	Sept 7 III
Remitter	
Check No.	51331
Amount	430
Fee Category	7C
Type of Fee	Amn
Date Check Rec'd	9/12/96
Date Completed	10/9/96
By:	SC

LICENSE FEE REQUIREMENTS

LICENSE FEE AND DEBT COLLECTION BRANCH
DIVISION OF ACCOUNTING AND FINANCE
OFFICE OF THE CONTROLLER
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001NORTHSIDE CARDIOLOGY, P.C.
ATTN: DR. RONALD J. LANDIN
8333 NAAB ROAD SUITE 200
INDIANAPOLIS, INDIANA 46260

TYPE OF ACTION

- ☐ NEW LICENSE
☐ RENEWAL OF LICENSE
☒ AMENDMENT TO LICENSE

REQUESTED DATE

9-3-96

LICENSE NUMBER

13-24359

CONTROL NUMBER

301804

I. APPLICATION FEE DUE

Your request for a licensing action is subject to the fee(s) in the category(ies) noted below in accordance with Section 170.31 of the enclosed Federal Register notice. Payment of the fee is required prior to the issuance of the license, renewal, or amendment.

FEE CATEGORY	APPLICATION	RENEWAL	AMENDMENT
7C	\$	\$	\$ 440.00
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$
	\$	\$	\$

FEE(S) DUE	\$	440.00
PAYMENT RECEIVED	\$	430.00
AMOUNT DUE	\$	10.00

☐ Your request was received without the prescribed application fee.

☒ We received your Check No. 51331 in the amount of \$ 430.00. Payment of the additional fee noted above is required.

☐ Your request will increase the scope of your license program. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(d)(2).

☐ Your license expired prior to the receipt of your application for renewal. Therefore, your request is subject to the application fee(s) noted above. Refer to Section 170.31 and Footnote 1(a).

MAKE PAYMENT OF THE FEE(S) TO THE U.S. NUCLEAR REGULATORY COMMISSION AND MAIL THE PAYMENT TO THE ADDRESS LISTED AT THE TOP OF THIS FORM. IF WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE LISTED BELOW, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION AND WILL VOID THIS ACTION.

SIGNATURE - LICENSE FEE ANALYST

LFDCB

LFDCB

Distribution:

DATE

Pending Fee File

OC/DAF/RF

LFARB R/F (2)

OC/DAF/SP(LF-3.2.7)

Region 3

NORTHSIDE
CARDIOLOGY, P.C.

8333 Naab Road, Suite 200
Indianapolis, IN 46260
317-338-5050
1-800-732-1484
FAX 317-338-6457

September 3, 1996

Materials Licensing Section
U.S. Regulatory Commission III
801 Warrenville Road
Lisle, IL 60532-4331

To whom it may concern:

Please amend our Products Material License No. 13-24359 to add Drs. Bruce Galinas, Thomas Murtaugh, Robert Panther, Roderick Sawyer and Geilan Ismail. In support, we send the following:

Bruce Gelinas, M.D.

- A) Certificate from Department of Medicine, Division of Cardiology/Division of Radionuclide Studies from University of Louisville documenting 500 hours of experience in the use of byproduct material and 500 hours of supervised clinical training. License No. 202-206-32.
- B) Letter from the University of Louisville documenting 250 hours in basic radioisotope handling.

Thomas Murtaugh, M.D.

- A) Preceptor letter from University of Massachusetts documenting 1,000 hours clinical training in radioisotope handling. License No. 20-13758-01.
- B) Supplement "B".
- C) Supplement "A".
- D) Certificate of Completion of Nuclear Cardiology Training from University of Massachusetts Medical Center. Materials. License No. 20-13758-01.

Pm: 9-3-96

RECEIVED

SEP 04 1996

REGION III

301804

Rob Panther, M.D.

- A) Preceptor letter from University of Wisconsin documenting 1,000 hours of clinical training in radioisotope handling. License No. 48-03280-01.
- B) Certificates documenting 200 hours from Institute for Nuclear Medical Education.
- C) Supplement "A" and letter from Institute for Nuclear Medical Education.

Rod Sawyer, M.D.

- A) Preceptor letter from University of Chicago documenting 1,000 hours of clinical training and radioisotope handling. License #IL-01115-01.
- B) Letter from Amersham Health Care on nuclear pharmacy training.
- C) Supplement "A" and letter from Institute for Nuclear Medical Education.
- D) Certificates from Institute for Nuclear Medical Education documenting 200 hours of training.

Geilan Ismail, M.D.

- A) Copy of license to which she is currently listed. Material License No. 13-09788-01.

Drs. Galinas, Murtaugh, Panther, Sawyer, and Ismail are all licensed in Indiana.

Enclosed is a check for \$430.00 as required by 10 CFR 170.31 for category 7C licenses.

Sincerely,



Ronald J. Landin, M.D.
License #13-24359-01

RJL/sld
Enclosures



UNIVERSITY
of LOUISVILLE

Department of Medicine
Division of Cardiology
Division of Radionuclide Studies

This is to certify that Bruce A. Gelinas, M.D. has satisfactorily completed the training and experience criteria for diagnostic studies limited to Nuclear Cardiology, above the minimum as set by the Nuclear Regulatory Commission standards. This training involves at least 250 hours in basic radioisotope handling techniques, 500 hours of experience with the use of byproduct material, and 500 hours of supervised clinical training in the Nuclear Cardiology Program.

1993-1994 Academic Year

Ibrahim B. Syed, Sc.D., Ph.D.
Clinical Professor of Medicine
(Medical Physics and Nuclear Sciences)
Director, Nuclear Medicine Sciences

Ellis Sarvols, M.D.
Professor of Medicine
Director, Nuclear Cardiology

Ellis Sarvols, M.D.
Professor and Acting Chief
Cardiovascular Division

Richard Redinger, M.D.
Professor and Chairman
Department of Medicine

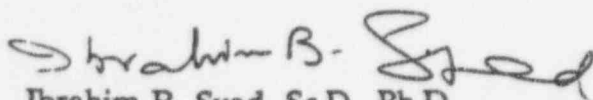
UNIVERSITY of LOUISVILLE

June 1, 1994

TO WHOM IT MAY CONCERN

This is to certify that Bruce A. Gelinas, M.D. has successfully completed the basic science course in Nuclear Cardiology during the Academic Year 1993-1994. He obtained at least 250 hours of training in basic radioisotope handling techniques covering Nuclear Medicine Physics, Nuclear Instrumentation, Radiological Mathematics, Radiation Biology, Radiopharmacy and Radiation Safety. In addition, he acquired over 500 hours of experience with the use of byproduct material. Both the training and experience were acquired by him under my direct supervision.

Sincerely,



Ibrahim B. Syed, Sc.D., Ph.D.
Clinical Professor of Medicine, Medical Physics
Director, Nuclear Medicine Sciences

IBS/nf



University of Massachusetts

Department of Nuclear Medicine
University of Massachusetts Medical Center
55 Lake Avenue North
Worcester, MA 01655-0243
(508) 856-3711/3176
FAX: (508) 856-1016

Jeffrey A. Leppo, M.D.
Professor and Clinical Director
Director, Nuclear Cardiology

June 17, 1996

Re: Thomas I. Murtaugh, M.D.

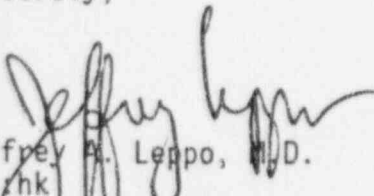
To Whom it May Concern:

Thomas I. Murtaugh, M.D. gained clinical experience in the Department of Nuclear Medicine of the University of Massachusetts Medical Center from July 1993 through June of 1996. During that time he participated in 405 nuclear cardiology imaging procedures.

During this period of time, Dr. Murtaugh also gained experience in the health physics procedures of our facility -- ordering, receiving and unpacking radioactive materials safely and performing the related radiation surveys: calibrating dose calibrators and diagnostic instruments and performing checks for the 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. Dr. Murtaugh also performed generator elution and radiopharmaceutical kit preparation.

The total number of hours of clinical experience in nuclear cardiology was also greater than 500. This involved over 405 cases. Training included: examining patients and reviewing their case histories to determine their suitability for radioisotope diagnosis, limitations or contraindications; selecting the suitable radiopharmaceuticals and calculating and measuring the dosage; administering dosages to patients and using syringe radiation shields; collaborating with the authorized user in the interpretation of radioisotope test results along with patient follow-up.

Sincerely,


Jeffrey A. Leppo, M.D.
JAL:hk
Material License Number 20-13758-01

PRECEPTOR STATEMENT

Supplement B must be completed by the applicant physician's preceptor. If more than one preceptor is necessary to document experience, obtain a separate statement from each.

1. APPLICANT PHYSICIAN'S NAME AND ADDRESS

FULL NAME

Thomas I. Murtaugh, M.D.

STREET ADDRESS

3590 Woodfield Place

CITY

Columbus

STATE

IN

ZIP CODE

47203

KEY TO COLUMN C

PERSONAL PARTICIPATION SHOULD CONSIST OF:

1-Supervised examination of patients to determine the suitability for radioisotope diagnosis and/or treatment and recommendation for prescribed dosage.

2-Collaboration in dose calibration and actual administration of dose to the patient including calculation of the radiation dose, related measurements and plotting of data.

3-Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
I-131 or I-125	DIAGNOSIS OF THYROID FUNCTION		
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME		
	LIVER FUNCTION STUDIES		
	FAT ABSORPTION STUDIES		
	KIDNEY FUNCTION STUDIES		
	IN VITRO STUDIES		
OTHER			
I-125	DETECTION OF THROMBOSIS		
I-131	THYROID IMAGING		
P-32	EYE TUMOR LOCALIZATION		
Se-75	PANCREAS IMAGING		
Yb-169	CISTERNOGRAPHY		
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES		
OTHER			
Tc-99m	BRAIN IMAGING		
	CARDIAC IMAGING	357	
	THYROID IMAGING		
	SALIVARY GLAND IMAGING		
	BLOOD POOL IMAGING	48	
	PLACENTA LOCALIZATION		
	LIVER AND SPLEEN IMAGING		
	LUNG IMAGING		
OTHER	BONE IMAGING		

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES		
P-32 (Colloidal)	INTRACAVITARY TREATMENT		
I-131	TREATMENT OF THYROID CARCINOMA		
	TREATMENT OF HYPERTHYROIDISM		
Au-198	INTRACAVITARY TREATMENT		
Co-60 or Cs-137	INTERSTITIAL TREATMENT		
	INTRACAVITARY TREATMENT		
I-125 or Ir-192	INTERSTITIAL TREATMENT		
	TELETHERAPY TREATMENT		
Sr-90	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	5	
Sn-113/ In-113m	GENERATOR		
Tc-99m	REAGENT KITS	5	
Other			

3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING

1000 hours total experience, from 7/93 to 6/96

4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:

a. NAME OF SUPERVISOR
Jeffrey A. Leppo, M.D.

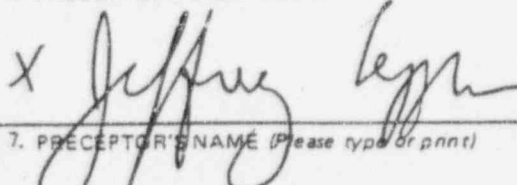
b. NAME OF INSTITUTION
UMass Medical Center

c. MAILING ADDRESS
55 Lake Avenue North

d. CITY
Worcester MA 01655-0243

5. MATERIALS LICENSE NUMBER(S)
20-13758-01

6. PRECEPTOR'S SIGNATURE

X 

7. PRECEPTOR'S NAME (Please type or print)

Jeffrey A. Leppo, M.D.

8. DATE

6/14/96

TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Thomas Isaiah Murtaugh, M.D.	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE Indiana
--	---

3. CERTIFICATION

SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
ABIM	Diplomate	9/92
ABIM--Cardiovascular	Board Eligible	6/96

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING	
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION	Department of Nuclear Medicine UMass Medical Center Worcester MA 9/95-6/96	100	25
b. RADIATION PROTECTION	"	30	5
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	"	20	4
d. RADIATION BIOLOGY	"	20	8
e. RADIOPHARMACEUTICAL CHEMISTRY	"	30	6

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Tc-99m	35mCi	UMass Medical Center	7/93-6/96	Clinical studies
Tl-201	4mCi	UMass Medical Center	7/93-6/96 Greater than 500 hours work experience and greater than 500 hours clinical experience	

UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER



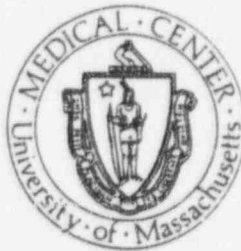
Certificate for Completion of Nuclear Cardiology Training

This is to certify that

Thomas Isaiah Murtaugh, M.D.

*has successfully completed the clinical requirements
in Nuclear Cardiology Training
from*

September, 1995 to May, 1996



Leon Braverman

Chairman
Department of Nuclear Medicine

Jeffrey Lynn

Clinical Director
Department of Nuclear Cardiology
Department of Nuclear Medicine



UNIVERSITY OF WISCONSIN MEDICAL SCHOOL

Milwaukee Clinical Campus

Department of Medicine
Section of Cardiovascular Diseases

July 1, 1996

To Whom It May Concern:

Robert Panther, M.D. gained experience, in both health physics and clinical procedures, in our institution from July 1, 1993 to June 30, 1996. During this period of time, Dr. Panther actively participated in the following number of procedures:

Cardiac Perfusion Studies	1800
Stress First Pass Radionuclide Angiograms	325
Rest First Pass Radionuclide Angiograms	700
PYP Scans	4
Rest Muga	130

The total number of hours spent on basic nuclear medicine was greater than 500 hours: (1) Ordering, receiving, and unpacking radioactive materials safely. (2) Calibrating dose calibrators and diagnostic instruments. (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.

The total number of hours of clinical experience in nuclear cardiology during this period was also greater than 500 hours. This involved review of over 1,000 cases. Training included: (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 dosage. (3) Administering dosages to patients and using syringe radiation shields. (4) Collaborating with the authorized user in the interpretation of radioisotope test results. (5) Patient follow-up.

Sincerely,

Rami A. Gal, M.D. F.A.C.C.

Director, Cardiac Imaging

Milwaukee Heart Institute

Affiliated with Sinai Samaritan Medical Center
Milwaukee Heart Institute
960 North Twelfth Street
Milwaukee, Wisconsin 53201-0342

NO. 816 P. 2/4

INSIDE RADIOLOGY

AUG. 6, 1996 10:55AM

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

This document is to attest that

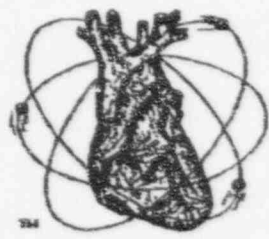
ROBERT L. PANTHER, M.D.

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 and Agreement States)
- 5 Continuing Education Units (CEU)
- 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

June 15, 1996

Date Class Commenced

Authorized Signature

Affidavit of Competency

Institute for Nuclear Medical Education

5660 Airport Blvd., Suite 101, Boulder, Colorado 80301 — 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.

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

This document is to attest that

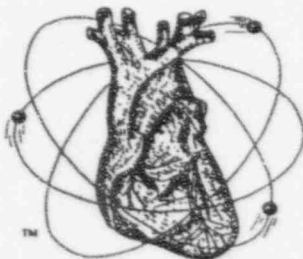
ROBERT L. PANTHER., M.D.

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

13 March 1996

Date Class Commenced

Authorized Signature

191156

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

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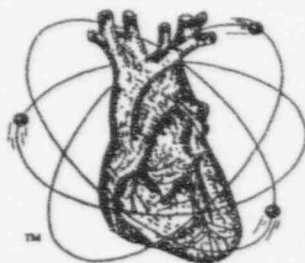
ROBERT L. PANTHER, M.D.

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

4 March 1995

Date Class Commenced


Authorized Signature

190448

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

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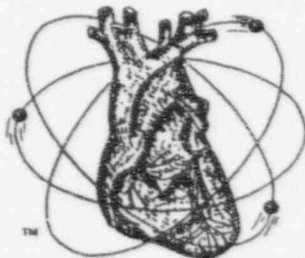
ROBERT PANTHER, MD

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

14 October, 1995
Date Class Commenced

Authorized Signature

190501

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.

SUBSTITUTE NRC 313 M
SUPPLEMENT A

TRAINING OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER:

Robert Panther, MD

2. STATE OR TERRITORY
IN WHICH LICENSED TO
PRACTICE MEDICINE

Indiana

ADDRESS:

8333 Naab Road, Suite #200
Indianapolis, IN 46260

3. CERTIFICATION

A. SPECIALTY BOARD

NA

B. CATEGORY

C. MONTH AND YEAR CERTIFIED

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

A. Field of Training

B. Location(s) and Date(s) of Training

C. Type and Length of Training

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

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

LECTURE LABORATORY COURSES
(Hours)

Principles of Radiation	Medical Radiologic Instrumentation	Medical Radiation Protection	Radiopharmaceuticals and Chemistry	Total Hours of 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

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

5. EXPERIENCE WITH RADIATION (Actual use of Radioisotopes 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:

ADDRESS:

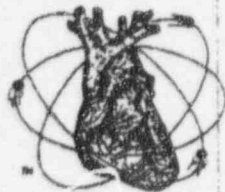
CITY:



5660 Airport Blvd.
Suite 101
Boulder, CO 80301

Ortchun W. Weller
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. #75141

Validated:

US Dep't. of Education - ACE

US Dep't. of Education - AOCET

AJHP

NUISP/11

Accepted:

USN/12

SS/13

SS/14

Agreement States

ST/15

Member:

ISUET

NSTA

AAPS

Listed:

NRC-ST16

CVC-SNM

Credits Provided:

CEU

August 29, 1996

TO WHOM IT MAY CONCERN:

This is to certify that Robert Panther, M.D., has completed the 200 hour accredited nuclear medical education program provided by the Institute for Nuclear Medical Education. Dr. Sawyer completed parts I and II (Principles of Radiation Physics and Instrumentation) when these were presented in Chicago, IL beginning 3-4-95 and continuing for 50 hours and beginning 3-13-96 continuing for another 50 hours. He completed parts III and IV (Medical Radiation Protection, and Radiopharmaceutical Chemistry) when these were presented in Chicgo, IL beginning 10-14-95 extending for 50 hours and in Secaucus, NJ beginning 6-15-96 and extending for 50 hours. The four classes together comprised a total of 200 hours of didactic instruction. A detailed breakdown of the course content is attached, further describing the exact distribution of hours in which he participated in radiation physics, instrumentation, radiation protection, mathematics pertaining to radioactivity, radiation biology, and radiopharmaceutical chemistry. (See attached Supplement A).

A review of class attendance lists show that Dr. Panther was present at all 40 sessions of the program. Additional review of records show that he completed and passed all of the written competency examinations for each class.

If you have need of additional information or further clarification regarding this or any other matter do not hesitate to call or write.

Sincerely,

Gretchen S. Wheeler
Associate Director

The University of Chicago

CARDIOLOGY • NUCLEAR MEDICINE

MC 4057 • 5841 S. MARYLAND AVE. • CHICAGO • ILLINOIS 60637

(312) 702-6258

KIM ALLAN WILLIAMS, M.D., F.A.C.C.

Associate Professor

Medicine and Radiology

Director of Nuclear Cardiology



July 2, 1996

Re: Roderick Sawyer, M.D.

To Whom It May Concern:

This letter is to confirm that Roderick Sawyer, M.D. has satisfactorily participated in a Cardiology fellowship program including a dedicated clinical preceptorship in Nuclear Cardiology at our institution. His training experience began July 1, 1993 and concluded June 24, 1996. During this period of time Dr. Sawyer actively participated in acquiring, processing and/or interpreting (at least) the following number of procedures:

- | | |
|-----|---|
| 1 | Thallium 201 Rest and/or Stress Planar Imaging Procedures |
| 398 | Thallium 201 Rest and/or Stress SPECT Imaging Procedures |
| 1 | Tc-99m-Sestamibi Rest and/or Stress Planar Imaging Procedures |
| 398 | Tc-99m-Sestamibi Rest and/or Stress SPECT Imaging Procedures |
| 354 | Wall Motion Evaluation Analyses |
| 38 | First Pass Rest Ejection Fraction Calculations |
| 29 | First Pass Stress Ejection Fraction Calculations |
| 10 | Multigated Acquisition Rest Ejection Fraction Calculations |

During this period of time Dr. Sawyer also gained experience in the health physics procedures of our facility, radiopharmaceutical preparation and administration, as well as the general operations of the facility. Specifically, this included the following procedural training and supervised work experience:

- 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 instruments;
- 3) Calculating and safely preparing patient dosages;
- 4) Using administrative controls to prevent misadministration of radioactive material; and
- 5) Using emergency procedures to contain spilled radioactive material safely and

using proper decontamination procedures.

The supervised clinical experience included:

- 1) Examining patients and reviewing their case histories to determine their suitability for radionuclide diagnosis, limitations, and 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 radionuclide test results; and
- 5) Patient follow-up.

Kit preparation and Tc-99m generator elution were performed at Medi+Physics, our radiopharmaceutical supplier. Dr. Sawyer has a letter of certification from Medi-Physics for this training.

In addition, Dr. Sawyer has completed 200 hours of didactic instruction entitled The Basics of Radioisotope Handling, which included classes on the principles of radiation safety, medical radiation instrumentation, medical radiation protection, radiopharmaceuticals and chemistry. These courses were presented by the Institute of Nuclear Medical Education and satisfy the requirements set by the Nuclear Regulatory Commission.

The total time spent in Nuclear Cardiology, including clinical and work experience, during this time period was over 1000 hours.

Sincerely,



Kim A. Williams, M.D., F.A.C.C.

A.B.N.M. Certified

Precepting Physician

Authorized User and Radiation Safety Officer

University of Chicago Physicians Group

Chicago, IL

License Number of Facility: IL-01115-01

Associate Professor

Medicine (Cardiology) and

Radiology (Nuclear Medicine)

Date signed: 7/3/96

Medi Physics Inc.
1053 W. Grand
Chicago, IL 60622

June 13, 1996

MPI Pharmacy Services
Medi-Physics, Inc.
1053 W. Grand Avenue
Chicago, IL 60622

tel (312) 243-0787
fax (312) 243-9328

To Dr. _____,

Amersham
HEALTHCARE

This letter acknowledges that Dr. RODERICK
review of the SAWYER

following areas of nuclear pharmacy operation:

1. Review of Equipment

- ...a. Survey Meters
- ...b. Single and Multichannel Analyzers
- ...c. NaI crystal scintillation detectors
- ...d. Dose Calibrators

2. Mo-99 Generators and Kit Preparation

- ...a. Completion of generator elution and quality control
- ...b. Complete preparation of a technetium based kit
- ...c. Complete quality control of a kit
- ...d. Use of decay equations

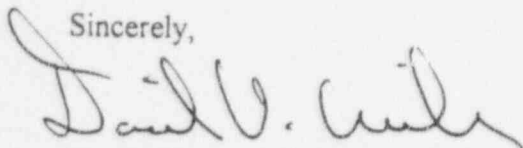
3. Quality and Regulatory Requirements

- ...a. Area surveys and wipe test procedures
- ...b. Daily instrument checks
- ...c. Quarterly and Annual instrument checks
- ...d. Personnel monitoring requirements

4. Waste Disposal

- ...a. Review of radioactive waste disposal procedures and documentation
- ...b. Review of radioactive source disposal and documentation

Sincerely,



Dave Wilson, RPh.
Nuclear Pharmacist

SUBSTITUTE NRC 313 M
SUPPLEMENT A

TRAINING OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER:

Roderick Sawyer, MD

2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE

ADDRESS:

8333 Naab Road, Suite #200
Indianapolis, IN 46260

Indiana

3. CERTIFICATION

A. SPECIALTY BOARD

NA

B. CATEGORY

C. MONTH AND YEAR CERTIFIED

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

A. Field of Training

B. Location(s) and Date(s) of Training

C. Type and Length of Training

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

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

LECTURE LABORATORY COURSES (Hours)

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a) RADIATION PHYSICS AND
INSTRUMENTATION

b) RADIATION PROTECTION

c) MATHEMATICS PERTAINING TO
THE USE AND MANAGEMENT OF
RADIOACTIVITY

d) RADIATION BIOLOGY

e) RADIOPHARMACEUTICAL
CHEMISTRY

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

5. EXPERIENCE WITH RADIATION (Actual use of Radioisotopes 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:

ADDRESS:

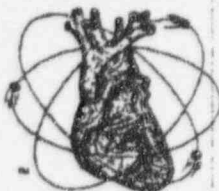
CITY:



5660 Airport Blvd.
Suite 101
Boulder, CO 80301

Stephen Wheeler
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. #791-01

Validated:

US Department of Education - ACE

US Department of Education - ACCET

AAHP

NUSPEX

Accepted:

USNRC

35.82

35.920

Agreement States

State BME

Member:

ISCET

NSA

AAPS

Listed:

NRC-STIS

CVC-SNM

Credits Provided:

CEU

August 29, 1996

TO WHOM IT MAY CONCERN:

This is to certify that Roderick Sawyer, M.D., has completed the 200 hour accredited nuclear medical education program provided by the Institute for Nuclear Medical Education. Dr. Sawyer completed parts I and II (Principles of Radiation Physics and Instrumentation) when these were presented in Chicago, IL beginning 3-9-96 and continuing for 100 hours. He completed parts III and IV (Medical Radiation Protection, and Radiopharmaceutical Chemistry) when these were presented in Chicago, IL beginning 10-14-95 and extending for another 100 hours for those two classes. The four classes together comprised a total of 200 hours of didactic instruction. A detailed breakdown of the course content is attached, further describing the exact distribution of hours in which he participated in radiation physics, instrumentation, radiation protection, mathematics pertaining to radioactivity, radiation biology, and radiopharmaceutical chemistry. (See attached Supplement A).

A review of class attendance lists show that Dr. Sawyer was present at all 40 sessions of the program. Additional review of records show that he completed and passed all of the written competency examinations for each class.

If you have need of additional information or further clarification regarding this or any other matter do not hesitate to call or write.

Sincerely,

Gretchen S. Wheeler
Associate Director

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

This document is to attest that

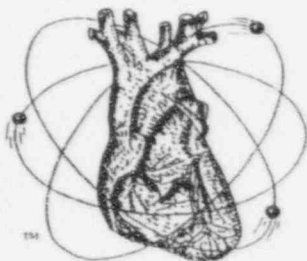
RODERICK SAWYER, M.D.

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

9 March 1996

Date Class Commenced


Authorized Signature

191192
Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

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

1132 INME R91

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

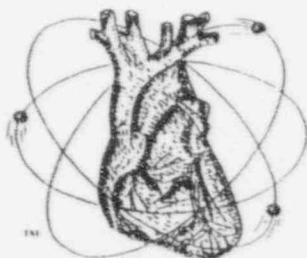
RODERICK SAWYER, MD

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

14 October, 1995
Date Class Commenced

Authorized Signature

199505

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

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

1132 INME R94

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

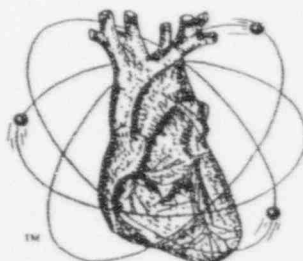
RODERICK SAWYER, M.D.

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

13 March 1996

Date Class Commenced

Authorized Signature

191183
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

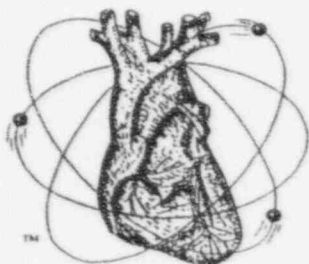
RODERICK SAWYER, MD

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

18 October, 1995

Date Class Commenced

Authorized Signature

190518

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

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

1132 INME R94

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.

NRC FORM 374
(7-94)

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 3 PAGES

MATERIALS LICENSE

Amendment No. 27

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.

Licensee

1. Lafayette Home Hospital
2. 2400 South Street
Lafayette, IN 47904-3027

In accordance with letter dated
June 21, 19963. License Number 13-09788-01 is amended in
its entirety to read as follows:

4. Expiration Date September 30, 1998

5. Docket or
Reference No. 030-016426. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. Maximum Amount that Licensee
May Possess at Any One Time
Under This LicenseA. Any byproduct
material identified
in 10 CFR 35.100A. Any
radiopharmaceutical
identified in 10 CFR
35.100

A. As needed

B. Any byproduct
material identified
in 10 CFR 35.200B. Any
radiopharmaceutical
identified in 10 CFR
35.200

B. As needed

C. Any byproduct
material identified
in 10 CFR 35.300C. Any
radiopharmaceutical
identified in 10 CFR
35.300C. As needed (not to
exceed 1 curie of
I-131)

9. Authorized Use:

- A. Medical use described in 10 CFR 35.100.
- B. Medical use described in 10 CFR 35.200.
- C. Medical use described in 10 CFR 35.300.

NRC FORM 374A
(7-94)

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 OF 3 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

13-09788-01

Docket or Reference Number

030-01642

Amendment No. 27

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 2400 South Street, Lafayette, Indiana.
11. Radiation Safety Officer: John A. Knoté, M.D.
12. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

Authorized UsersMaterial and Use

- | | |
|-------------------------------------|---|
| A. William J. Miller, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| B. John A. Knoté, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| C. John W. Remo, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| D. Glen A. Tuckman, M.D. | 10 CFR 35.100, 35.200 and iodine-131 for treatment of hyperthyroidism and thyroid carcinoma |
| E. David R. Schmidt, M.D. | 10 CFR 35.200 limited to cardiovascular clinical procedures |
| F. Phyllis Martin-Simmerman, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| G. Jeffry S. Cahoon, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| H. Mark C. Arvin, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| I. Koreen Kay Ballhagen-Potts, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| J. John F. Fiederlein, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| K. Joseph C. George, M.D. | 10 CFR 35.100, 35.200 and 35.300 |
| L. Geilan Ismail, M.D. | 10 CFR 35.200 limited to cardiovascular clinical procedures |
| M. Laurian Mark Dean, M.D. | 10 CFR 35.100, 35.200 and 35.300 |

OCT 16 1996

Ronald J. Lendin, M.D.
Radiation Safety Officer
Northside Cardiology, P.C.
8333 Naab Road, Suite 200
Indianapolis, IN 46260

Dear Dr. Landin:

Enclosed is Amendment No. 13 to your NRC Material License No. 13-24359-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

Please be advised that your license expires at the end of the day, in the month, and year stated in the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
 - a. When an authorized user or Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
 - b. When the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same).
3. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.

301804

4. Request and obtain a license amendment before you:
 - a. Receive or use byproduct material for a clinical procedure permitted under Part 35 but not permitted by your license issued pursuant to this Part;
 - b. Permit anyone, except individuals described in 10 CFR 35.13(b), to work as an authorized user under the license;
 - c. Change Radiation Safety Officers;
 - d. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - e. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - f. Change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements,

R. Landin

-3-

prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original Signed By
Michael F. Weber
Nuclear Materials Licensing Branch

License No.: 13-24359-01

Docket No.: 030-18523

Enclosure: Amendment No. 15

DOCUMENT NAME: M:\03018523.CL6

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DNMS/RIII	C							
NAME	MWEBER:jaw								
DATE	09/17/96								

OFFICIAL RECORD COPY