

OFFICIAL RECORD COPY**MATERIALS LICENSE**

Amendment No. 61

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		In accordance with letter dated February 24, 1997	
1. Veterans Administration Medical Center 1100 Tunnell Road		3. License Number	32-05830-01
2. Asheville, North Carolina 28805		is amended in its entirety to read as follows:	
		4. Expiration Date	February 28, 2004 (extended)
		5. Docket or Reference No.	030-02632
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 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed	
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200	B. As needed	
C. Any byproduct material identified in 10 CFR 35.300	C. Any radiopharmaceutical identified in 10 CFR 35.300	C. As needed [Not to exceed 370 gigabecquerels (10 curies) 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, except treatment of thyroid carcinoma.			

CONDITIONS

10. Location for use: Veterans Administration Medical Center, 1100 Tunnell Road, Asheville, North Carolina
11. Radiation Safety Officer: Mr. Larry D. Sebren
12. Authorized users: **180266**
- A. Louis J. Wilke, M.D., for medical uses identified in 10 CFR 35.100, 35.200 and 35.300, except for the treatment of thyroid carcinoma.



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 32-05830-01

Docket or Reference Number 030-02632

Amendment No. 61

12. Authorized users, continued:

- B. James J. Murphy, M.D., for medical uses identified in 10 CFR 35.100 and 35.200.
- C. Moniz M. Dawood, M.D., for medical uses identified in 10 CFR 35.200 (cardiology studies).
- D. Albert H. Fink, M.D., for medical uses identified in 10 CFR 35.100, 35.200 and 35.300, except for the treatment of thyroid carcinoma.
- E. Keith Y. Kohatsu, M.D. for medical uses identified in 10 CFR 35.100 and 35.200.
- F. Vladimir Curkovic, M.D. for medical uses identified in 10 CFR 35.200 (cardiology studies).

13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35 for establishing decommissioning financial assurance.

14. The licensee shall maintain records of information important to safe and effective decommissioning at the licensee's facilities listed in Condition 10 pursuant to 10 CFR 30.35(g), until this license is terminated by the Commission.

15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below, 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. Letter dated December 30, 1993 [request for temporary relocation of Nuclear Medicine equipment]
- B. Application dated December 30, 1993 [renewal]
- C. Letter dated December 6, 1995 [Delete Dr. Shirazi as an authorized user; Add Dr. Dawood as an authorized user]
- D. Letter dated April 9, 1996 [Additional information regarding Dr. Dawood's training and experience]
- E. Letter dated May 24, 1996 [Additional information regarding Dr. Dawood's training and experience; and Extension of expiration date in accordance with 10 CFR 30.36]
- F. Letter dated February 24, 1997 [Addition of new authorized users]
- G. Letter dated May 5, 1997 [Clarification of training and experience of Vladimir Curkovic, M.D.]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

Date MAY 15 1997

By Earl G. Wright

Region II, Division of Nuclear Materials Safety
Atlanta Federal Center, Suite 23T85
61 Forsyth Street
Atlanta, GA 30303

N:\MLICENSE\32-05830.A61

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
:
: Program Code: 02120
: Status Code: 0
: Fee Category: EX 7C
: Exp. Date: 20040228
: Fee Comments: V
: Decom Fin Assur Req'd: N
: ::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: V. A. MEDICAL CENTER
Received Date: 970304
Docket No: 3002632
Control No.: 257410
License No.: 32-05830-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed _____
Date _____

B. 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 _____



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303

MAY 16 1997
INFORMATION FOR NRC MATERIAL LICENSEES

Please find enclosed:

- ☒ Your NRC material license
- ☐ Amendment to your NRC material license
- ☐ Amendment renewing your NRC material license
- ☐ Amendment terminating your NRC material license
- ☐ Notice for Radiographer Quality Assurance Approval Program

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify this office (ATTN: Ms. Diane Heim at (404) 562-4723) 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 19, "Notice, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Not possess and use materials authorized in Items 6, 7, and 8, on the license until:
 - a. you have constructed the facilities and obtained the equipment described in the license application and supporting documentation; and
 - b. you have notified the U. S. Nuclear Regulatory Commission, Region II, ATTN: Materials Licensing/Inspection Branch, in writing, that activities authorized by the license will be initiated.
 - c. you have submitted and certified implementation of a Quality Management Program (10 CFR 35.32) for radiotherapy, or for administering > 30 uCi of I-125 or I-131.
3. Notify NRC, in writing, within 30 days:
 - a. when an authorized user, Radiation Safety Officer, or Teletherapy Physicist 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).
4. In accordance with 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
 - a. when you decide to terminate all activities involving materials authorized under the license; or
 - b. if you decide not to complete the facility, acquire equipment, or possess and use authorized material.

5. 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, not authorized under 10 CFR 35, Subpart J, to work as an authorized user under a license for medical use of byproduct material.
 - c. permit anyone, not authorized under 10 CFR 35, Subpart J, to work as a Radiation Safety Officer, Teletherapy Physicist, or Nuclear Pharmacist, under a license for medical use of byproduct material.
 - d. order byproduct material in excess of the amount, or a different radionuclide or form, other 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.
6. 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. Transfer of licensed materials must be consistent with 10 CFR 30.41, 40.51 or 70.42, as applicable. 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 Statement of Policy and Procedures for NRC Enforcement Actions," NUREG-1600, (7/95). Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken against those who do not achieve the necessary attention to detail and standard of compliance expected of licensees.

Thank you for your cooperation.

Enclosures:

1. NRC License
2. Category Marked Below for:
 - ☐ New licenses: NUREG-1600 (7/95); 19; 20; 30; 40 or 70, as appropriate; 71; 170; NRC Form 3; Agreement State list; and NRC Form 313.
 - ☐ New radiography licenses: Parts 34; 150.
 - ☐ New medical and teletherapy licenses: Part 35.
 - ☐ Amendments and renewals: NRC Form 313.

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DEPARTMENT OF VETERANS AFFAIRS
Medical Center
Asheville NC 28805-2087

MAY 5 1997

Received
May 7, 1997
Control #
257410

In Reply Refer To: 637/115

Mr. Wade T. Loo
Materials License Reviewer
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region II
101 Marietta Street, Suite 2900
Atlanta, GA 30323

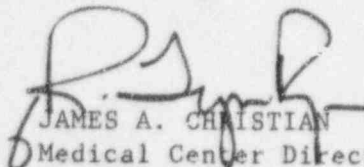
Subject: Request for additional information regarding materials license
amendment request dated February 24, 1997 (Mail Control No. 257410;
Docket No. 030-02632)

Dear Mr. Loo:

The enclosed letter from Eugene E. DePasquale, M.D., is provided in response to your request for additional information on the degree of Dr. Vladimir Curkovic's involvement in the areas specified in 10 CFR 35.920(b)(2) and (3).

If you have other questions, please contact our Radiation Safety Officer, Larry D. Sebren, at (704) 298-7911, extension 5238.

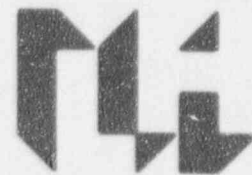
Sincerely yours,


JAMES A. CHRISTIAN
Medical Center Director

Enclosure

Lenox Hill Hospital

100 East 77th Street
New York, New York 10021-1883



April 24, 1997

TO WHOM IT MAY CONCERN:

This letter is to affirm that Vladimir Curkovic, MD gained clinical experience at our institution in nuclear cardiology. The preceptorship began Jan 7, 1993 and continued through January 6, 1995.

Vladimir Curkovic, MD, has 500 hours of supervised work experience under supervision that includes:

Order, receiving, and unpacking radioactive materials safely and performing the related surveys; calibrating dose calibrators and diagnostic instruments and performing check for proper operation of survey meters; calculating and safely preparing patient or human research subject dosages; using administrative controls to prevent the misadministration of byproduct material; using procedures to contain spilled byproduct material safely and using proper decontamination procedures; learning to elute technetium 99m from generator systems, measuring and testing the eluate for molybdenum - 99 and alumina contamination, and processing the eluate with reagents kits to prepare technetium - 99m labeled radiopharmaceuticals.

He also spent at least 600 hours of supervised clinical experience:

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

The hours of nuclear cardiology clinical and work experience accrued during this period total 1100 hours.

Sincerely,

EUGENE E. DePASQUALE, MD
Nuclear License #91262601

APR 17 1997

Veterans Administration Medical Center
ATTN: Mr. James A. Christian
Medical Center Director
1100 Tunnell Road
Ashville, NC 28805

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING MATERIALS LICENSE
AMENDMENT REQUEST DATED FEBRUARY 24, 1997 (MAIL CONTROL
NO. 257410; DOCKET NO. 030-02632)

Dear Mr. Christian:

This letter is in reference to your amendment request dated February 24, 1997. This also confirms a telephone conversation on April 14, 1997, between Mr. Larry Sebren, Radiation Safety Officer, and myself regarding the additional information needed to complete the review of your amendment request.

Even though the information provided shows the total number of hours of nuclear medicine experience for Dr. Vladimir Curkovic, it did not show that the training covered each of the areas specified in 10 CFR 35.920(b)(2) and (3). Accordingly, please provide evidence of the degree of his involvement in each of the categories named [See Enclosure - Annotated copy of 10 CFR 35.920(b)].

Our review of your amendment request will continue upon receipt of the above information. Please provide two copies of your reply and refer to Mail Control No. 257410. If you wish, replies may be transmitted via electronic facsimile to (404) 331-7437. You should then mail the original copy of any electronically transmitted documents.

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter. If additional time to respond to this letter is needed, please request it in writing and state the reason for requesting the extension.

Veterans Administration Medical Center 2

If you have questions about this letter, please call me at (404) 331-3932.

Sincerely,

Wade T. Loo
Materials License Reviewer
Division of Nuclear Materials Safety

Docket No. 030-02632

License No. 32-05830-01

Enclosure: Annotated Copy of
10 CFR 35.920(b)

cc w/o encl:
State of North Carolina

Department of Veterans Affairs
National Health Physics Program (115HP)
ATTN: Francis Herbig
915 North Grand Boulevard
St. Louis, MO 63106

Distribution w/o encls:
RII Docket File, DNMS
PUBLIC

	RII:DNMS	RII:DNMS	RII:DNMS			
	WLoop <i>WLD</i>	<i>EW</i> EWright	<i>TL</i> TDecker			
	4/16/97	4/16/97	4/16/97			
COPY?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\DNMS\MLIB1\257410.WTL



DEPARTMENT OF VETERANS AFFAIRS
Medical Center
St Louis MO 63125

March 3, 1997

In Reply Refer To:

U.S. Nuclear Regulatory Commission
Region II
Attn: Diane Heim
101 Marietta Street, Suite 2900
Atlanta, GA 30323

SUBJECT: NRC License No. 32-05830-01

The enclosed correspondence from the Asheville, North Carolina VA Medical Center has been received and is forwarded to your office for processing. If there are questions, please contact the facility.

Please provide a copy of any correspondence relative to licensing actions for this Medical Center to:

Department of Veterans Affairs
Health Physics Programs (115HP)
915 North Grand Blvd.
St. Louis, MO 63106

Sincerely,

Cindy Bukowsky

for Francis K. Herbig
Health Physics Programs



DEPARTMENT OF VETERANS AFFAIRS

Medical Center
Asheville NC 28805-2087

FEB 24 1997

In Reply Refer To: 637/115

U.S. Nuclear Regulatory Commission
Material Licensing Branch
Region II
101 Marietta Street, Suite 2900
Atlanta, GA 30323

Gentlemen:

Reference: License Amendment request of NRC License 32-05830-01 (additional authorized users for VAMC Asheville, NC)

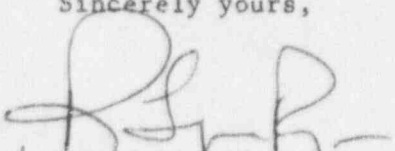
Please amend the above referenced license to include Keith Kohatsu, M.D., and Vladimir Curkovic, M.D.

Request authorized-user status for Dr. Kohatsu for all diagnostic imaging procedures performed at VAMC. A copy of Dr. Kohatsu's American Board of Radiology certificate is enclosed.

Request that Dr. Curkovic be added as an authorized user (nuclear cardiology imaging procedures only). Copies of Dr. Curkovic's CV, clinical experience (1100 hours) and didactic training (200 hours) are enclosed.

If you have any questions or if we can be of further assistance, please contact Larry Sebren, Radiation Safety Officer, at (704) 298-7911, extension 5238.

Sincerely yours,


JAMES A. CHRISTIAN
Medical Center Director

Enclosures:

ABR Certificate, Dr. Kohatsu
Training records, Dr. Curkovic

257410

The American Board of Radiology

*Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
University Radiologists, and American Association of Physicists in Medicine*
Hereby certifies that

Keith U. Kohatsu

*Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of*

The American Board of Radiology

On this eighth day of November, 1993

*Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of*

Diagnostic Radiology

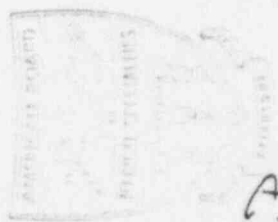
Lee F. Rogers
President

John J. Pater
Secretary-Treasurer

W. Paul Capps, M.D.
Executive Director

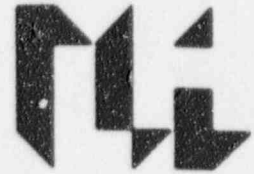


257410



Lenox Hill Hospital

100 East 77th Street
New York, New York 10021-1883



To Whom it May Concern;

This letter is to affirm that Vladimir Curkovic MD gained clinical experience at our institution in nuclear cardiology. The preceptorship began 01/07/1993 and continued through 01/06/1995. During this period, the doctor actively participated in the following number of procedures;

- 598 Thallium stress imaging/function procedures
- 601 Thallium rest imaging/function procedures
- 8 PYP/RBC multi-gated acquisition stress procedures
- 12 PYP/RBC multi-gated acquisition rest procedures
- 20 Ejection fraction calculation procedures
- 72 Wall motion evaluation studies

During this time, the doctor also acquired experience in health physics, radiopharmaceutical preparation, technical and administrative procedures of our facility, as well as general operations as stipulated by our license conditions. The doctor also gained experience in the preparation of radiopharmaceutical kits during this period.

The hours of nuclear cardiology clinical and work experience accrued during this period total 1100 hours.

Sincerely,

Eugene E DePasquale, M.D.
Nuclear License #91262601

June 27, 1995

Vladimir Curkovic, MD
301 East 79th Street, apt 21 D
New York, N.Y. 10021
H: (212) 879-6377
W:(212) 434-2468

CURRICULUM VITAE

WORK AND RESEARCH EXPERIENCE:

1995 - 1996 present	Interventional Cardiology Fellow at Lenox Hill Hospital, New York, NY
1992 - 1995	Fellow in Cardiology at Lenox Hill Hospital, New York, NY
1994	Fellowship in Sports Medicine and Cardiovascular Research at Nicholas Institute of Sports Medicine and Athletic Trauma and the Department of Medicine, Section of Cardiology at Lenox Hill Hospital, New York, NY
1990 - 1992	Residency in Internal Medicine at Lenox Hill Hospital, New York
1989 - 1990	Internship in Internal Medicine at Woodhull Medical and Mental Health Center, Brooklyn, New York
1987 - 1988	General Practitioner at Medical Center Medvescak, Zagreb, Croatia
1986 - 1987	Rotating Internship, Center for Emergency Medical Help, Zagreb, Croatia

EDUCATION:

1996	Diplomate of the American Board of Cardiology
1995	Basic Radioisotope Handling, Institute for Nuclear Medical Education, Boulder, Colorado
1992	Diplomate of the American Board of Internal Medicine
1990	Federal Licensing Examination (FLEX)
1988	Foreign Medical Graduate Examination in Medical Sciences (FMGEMS)
1981 -1986	Medical School, University of Zagreb, Zagreb, Croatia

PUBLICATIONS:

Interaction of Magnitude ST Depression and Heart Rate at Onset of ST Depression for Predicting Likelihood of Reversible Thallium Defect in Women; NL Coplan, V Curkovic, E DePasquale, G Gleim, Poster presented at American College of Chest Physicians, New Orleans, Nov. 1994.

Heart Rate Variability Associated With Standing in Patients With Syncope, V Curkovic, NL Coplan, G Gleim; Abstract, presented at annual meeting of American Federation for Clinical Research in San Diego, California, May 8, 1995.

Early exercise testing to stratify risk for development of restenosis after percutaneous transluminal angioplasty; N Coplan, V Curkovic, K Allen, V Atallah. Accepted for publication in American Heart Journal, 4/1996.

LANGUAGES:

Croatian - native
English - fluent
German- fluent
Latin - working knowledge

PERSONAL:

Birth date: August 16, 1961
Citizenship: Croatian
Marital status : Married, One Child
Hobbies: tennis, skiing, traveling

REFERENCES:

Available on request

NUCLEAR MEDICAL EDUCATION PROGRAM

Affidavit of Academic Completion and Competency

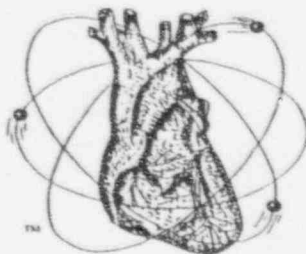
This document is to attest that
VLADIMIR CURKOVIC, M.D.

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

21 January 1995
Date Class Commenced

Clyde E. Larson
Authorized Signature

139956

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

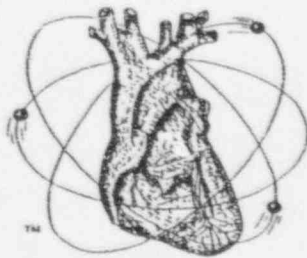
VLADMIR CURKOVIC, M.D.

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.

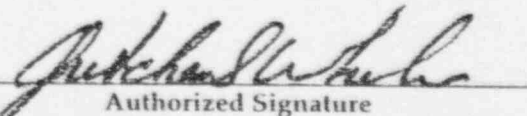
This program provides the following levels of accomplishment:



- 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

21 June 1995
Date Class Commenced


Authorized Signature

190293

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

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

1132 INME 5/94

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

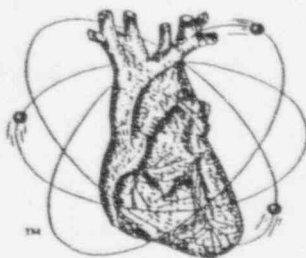
VLADMIR CURKOVIC, M.D.

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 Unit (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

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

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

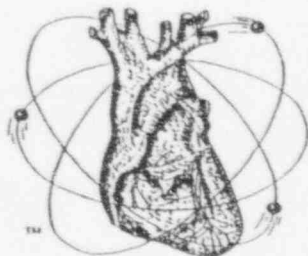
VLADIMIR CURKOVIC, M.D.

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

25 January 1995
Date Class Commenced

Authorized Signature

190021

Affidavit of Competency

INSTITUTE FOR NUCLEAR MEDICAL EDUCATION

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

1131 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.