

**Veterans
Administration**

.NOV 20 1987

In Reply Refer To: 501/115

U.S. Nuclear Regulatory Commission
Region IV
Nuclear Materials Licensing Section
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

THRU: Director, Southwestern Region (108A7/115)
VACO, Washington, D.C.

SUBJ: New User (License No. 30-01747-02)

1. This is to inform you that Dr. Brian Eisenberg has been appointed Chief of Nuclear Medicine Service. This appointment was confirmed by the Nuclear Medicine Committee in it's August 6, 1987 meeting.
2. We are enclosing Dr. Eisenberg's training and experience information.

Andrew Montano
ANDREW MONTANO
Director

Enclosure (1)

James W. Fletcher
JAMES W. FLETCHER, M.D.
Director, Nuclear Medicine Service
Veterans Administration
Washington, DC 20420

FEE EXEMPT

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30-01747-02 PDR

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**TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER**

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Brian Eisenberg, MD	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE
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3. CERTIFICATION		
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
Nuclear Medicine		

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	University of Pennsylvania	70	30
b. RADIATION PROTECTION	University of Pennsylvania	20	10
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	University of Pennsylvania	14	6
d. RADIATION BIOLOGY	University of Pennsylvania	14	6
e. RADIOPHARMACEUTICAL CHEMISTRY	University of Pennsylvania	20	10

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	1000 mC/day	Clinic	1634 hrs	
I-131	10 mC/week			
I-123	2 mC/week			
Ga-67	15 mC/week			
In-111	2 mC/week			
Xe-133	300 mC/week			
Tl-201	12 mC/week			

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

Brian Eisenberg, MD

STREET ADDRESS

9600 Freedom Way, N.E.

CITY

Albuquerque

STATE

NM

ZIP CODE

87019

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	8	
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME	4	
	LIVER FUNCTION STUDIES		
	FAT ABSORPTION STUDIES	150	
	KIDNEY FUNCTION STUDIES	225	
	IN VITRO STUDIES		
OTHER			
I-125	DETECTION OF THROMBOSIS	23	
I-131	THYROID IMAGING	20	
P-32	EYE TUMOR LOCALIZATION	0	
Sm-75	PANCREAS IMAGING	1	
XXX-XXX	CISTERNOGRAPHY (In-111 DTPA)	8	
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	175	
OTHER			
Tc-99m	BRAIN IMAGING	10	
	CARDIAC IMAGING	250	
	THYROID IMAGING	300	
	SALIVARY GLAND IMAGING	8	
	BLOOD POOL IMAGING	250	
	PLACENTA LOCALIZATION	0	
	LIVER AND SPLEEN IMAGING	500	
	LUNG IMAGING	175	
	BONE IMAGING	650	
OTHER	Hepatobiliary	125	

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ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	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	3	
P-32 (Colloidal)	INTRACAVITARY TREATMENT	5	
I-131	TREATMENT OF THYROID CARCINOMA	8	
	TREATMENT OF HYPERTHYROIDISM	21	
Au-198	INTRACAVITARY TREATMENT		
Co-60 or Cs-137	INTERSTITIAL TREATMENT		
	INTRACAVITARY TREATMENT		
I-125 or Ir-192	INTERSTITIAL TREATMENT		
Co-60 or Cs-137	TELETHERAPY TREATMENT		
Sr-90	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	50	
Sr-113/ In-113m	GENERATOR	0	
Tc-99m	REAGENT KITS	50	
Other			

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

10/1/86 - 6/30/87 1634 Hours

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

a. NAME OF SUPERVISOR

Abass Alavi, MD

b. NAME OF INSTITUTION

Hosp. of Univ of Penna

c. MAILING ADDRESS

3400 Spruce Street

d. CITY

Philadelphia, PA 19104

5. MATERIALS LICENSE NUMBER(S)

37-00118-7

6. PRECEPTOR'S SIGNATURE

Abass Alavi

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

Abass Alavi, MD

8. DATE

6/10/87

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Veterans
Administration

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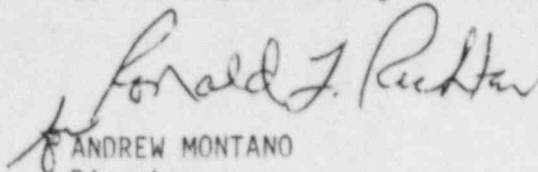
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STREET ADDRESS			
9600 Freedom Way, N.E.			
CITY	STATE	ZIP CODE	
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