



DEPARTMENT OF THE NAVY

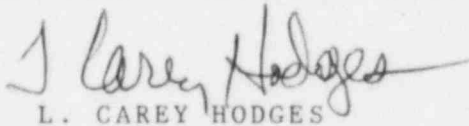
NAVAL HOSPITAL  
17TH STREET AND PATTISON AVENUE  
PHILADELPHIA, PENNSYLVANIA 19145

37-01848-01

IN REPLY REFER TO  
6470  
Ser 05E/ 3036  
12 NOV 1985

From: Commanding Officer, Naval Hospital, Philadelphia  
To: Nuclear Regulatory Commission, Washington D.C. 20555  
Via: (1) Commander, Naval Medical Command Northeast Region  
(2) Commander, Naval Medical Command (MEDCOM-21)  
Subj: AMENDMENT OF NUCLEAR REGULATORY COMMISSION (NRC) LICENSE  
Ref: (a) NRC Regulation 10.8 Appendix O  
Encl: (1) NRC Form 313M Supplement B  
(2) NAVHOSP Bethesda ltr NHBETH:86:KGM:km 1520/8301-8 of  
Nov 82

1. After review of Stephen J. Brenza's training record by the Radioisotope Committee, he has been appointed the Radiation Safety Officer.
2. Stephen J. Brenza, has been appointed user of groups I, II, and III by the Radioisotope Committee. All other users are removed.

  
L. CAREY HODGES

Copy to:  
Head, NAVMEDCOM Detachment, Portsmouth, CT

FEE EXEMPT

8602180343 860109  
NMSS LIC30  
37-01848-01 PDR

## PRECEPTOR STATEMENT (Continued)

## 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	None	
P-32 (Crystalline)	INTRACAVITARY TREATMENT	"	
I-131	TREATMENT OF THYROID CARCINOMA	"	
	TREATMENT OF HYPERTHYROIDISM	"	
Au-198	INTRACAVITARY TREATMENT	"	
Co-60 or Cs-137	INTERSTITIAL TREATMENT	"	
Co-60 or Cs-137	INTRACAVITARY TREATMENT	"	
	INTERSTITIAL TREATMENT	"	
I-125 or Ir-192	TELETHERAPY TREATMENT	"	
Sr-90	TREATMENT OF EYE DISEASE	"	
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	Eluted one generator.	
Sn-113/ In-113m	GENERATOR	None	
Tc-99m	REAGENT KITS	"	
Other		"	

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

203 hours in the basic sciences and 120 hours training in the clinical sciences of nuclear medicine received by completion of Course #5301, Medical Officers Course in Nuclear Medicine and Radioisotope Techniques, Naval Hospital, Naval Medical Command, National Capital Region, Bethesda, MD 20814, 20 September through 10 November 1982.

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

## a. NAME OF SUPERVISOR

J. P. SMITH, CAPT, MC, USN

## b. NAME OF INSTITUTION

Naval Hospital, Naval Medical Command

## c. MAILING ADDRESS

Nuclear Medicine Branch

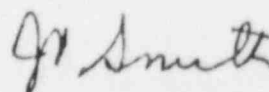
## d. CITY

Bethesda, MD 20814

## 5. MATERIALS LICENSE NUMBER(S)

19-02891-05

## 6. PRECEPTOR'S SIGNATURE



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

J. P. SMITH, CAPT, MC, USN  
Head, Nuclear Medicine Branch

## 8. DATE

10 November 1982

## PRECEPTOR STATEMENT (Continued)

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

ISOTOPE	CONDITIONS DIAGNOSED OR TREATED	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.)
A	B	C	D
P-32 (Co-57)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES	00	
P-32 (Co-57)	INTRACAVITARY TREATMENT	00	
I-131	TREATMENT OF THYROID CARCINOMA	00	
	TREATMENT OF HYPERTHYROIDISM	00	
I-131	INTRACAVITARY TREATMENT	00	
Co-60 or Co-137	INTERSTITIAL TREATMENT	00	
Co-60 or Co-137	INTRACAVITARY TREATMENT	00	
I-125 or I-192 Co-60 or Co-137	INTERSTITIAL TREATMENT	00	
Co-60 or Co-137	TELE THERAPY TREATMENT	00	
Sr-90	TREATMENT OF EYE DISEASE	00	
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	06	
Sn-113/ In-113m	GENERATOR	00	
Tc-99m	REAGENT KITS	10	
Other			

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

500 hours of clinical training received during a total of 3 months spent in rotations in Nuclear Medicine as part of a Diagnostic Radiology Residency during the period September 1982 through May 1984.

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

## a. NAME OF SUPERVISOR

E. D. SILVERMAN, CDR, MC, USN

## b. NAME OF INSTITUTION

Naval Medical Command, Nat'l Capital Region

## c. MAILING ADDRESS

Nuclear Medicine Branch, Radiology Dept.

## d. CITY

Bethesda, MD 20814-5011

## 5. MATERIALS LICENSE NUMBER(S)

19-02891-05

## 6. PRECEPTOR'S SIGNATURE

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

E. D. SILVERMAN, CDR, MC, USN  
Head, Nuclear Medicine Branch

## 8. DATE

5 May 1985

Contract #8301 -- 8 wks.

FORM NRC-313M-SUPPLEMENT B  
(8-78)

U. S. NUCLEAR REGULATORY COMMISSION

## 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

LT Stephen J. Brenza, MC, USNR

STREET ADDRESS

Radiology Department  
Naval Hospital, Naval Medical Command

CITY

Bethesda,

STATE

MD

ZIP CODE

20814

## 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	None	
	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	"	
Sr-75	PANCREAS IMAGING	"	
Yb-169	CISTERNOGRAPHY	"	
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	"	
OTHER		"	
Tc-99m	BRAIN IMAGING	"	
	CARDIAC IMAGING	"	
	THYROID IMAGING	"	
	SALIVARY GLAND IMAGING	"	
	BLOOD POOL IMAGING	"	
	PLACENTA LOCALIZATION	"	
	LIVER AND SPLEEN IMAGING	"	
	LUNG IMAGING	"	
	BONE IMAGING	"	
OTHER		"	

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

Stephen J. Brenza, M.D.

STREET ADDRESS

Naval Hospital, NMC, NCR

CITY

Bethesda

STATE

MD

ZIP CODE

20814

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	08	
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME	02	
	LIVER FUNCTION STUDIES	00	
	FAT ABSORPTION STUDIES	00	
	KIDNEY FUNCTION STUDIES	06	
	IN VITRO STUDIES	3110	
OTHER			
I-125	DETECTION OF THROMBOSIS	00	
I-131	THYROID IMAGING	12	
P-32	EYE TUMOR LOCALIZATION	00	
Sr-75	PANCREAS IMAGING	00	
Yb-169	CISTERNOGRAPHY	00	
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	00	
OTHER	Tc-99m Cisternography	02	
Tc-99m	BRAIN IMAGING	04	
	CARDIAC IMAGING	45	
	THYROID IMAGING	25	
	SALIVARY GLAND IMAGING	00	
	BLOOD POOL IMAGING	00	
	PLACENTA LOCALIZATION	00	
	LIVER AND SPLEEN IMAGING	128	
	LUNG IMAGING	15	
	BONE IMAGING	185	
OTHER	Tc-99m Kidney Imaging	45	

COURSE 38401 -- 8 wks.

FORM NRC-313M-SUPPLEMENT B  
(B-74)

U. S. NUCLEAR REGULATORY COMMISSION

# 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		<b>KEY TO COLUMN C</b>  <b>PERSONAL PARTICIPATION SHOULD CONSIST OF:</b>  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.
FULL NAME		
LT Stephen J. Brenza, MC, USNR		
STREET ADDRESS		
Radiology Department		
Naval Hospital, Naval Medical Command		
CITY	STATE	ZIP CODE
Bethesda,	MD	20814

## 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	None	
	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	"	
Sr-75	PANCREAS IMAGING	"	
Yb-169	CISTERNOGRAPHY	"	
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	"	
OTHER		"	
Tc-99m	BRAIN IMAGING	"	
	CARDIAC IMAGING	"	
	THYROID IMAGING	"	
	SALIVARY GLAND IMAGING	"	
	BLOOD POOL IMAGING	"	
	PLACENTA LOCALIZATION	"	
	LIVER AND SPLEEN IMAGING	"	
	LUNG IMAGING	"	
	BONE IMAGING	"	
OTHER		"	





## NATIONAL NAVAL MEDICAL CENTER

BETHESDA, MARYLAND - 20014

IN REPLY REFER TO

NHBETH:86:KCM:km

1520/8301-8

10 November 1982

Stephen J. Brenza, LT, MC, USNR  
 Radiology Department  
 Naval Hospital, Naval Medical Command  
 Bethesda, MD 20814

Dear Doctor Brenza:

The following training information is enclosed for your records. It documents the training you received as a result of completing the Medical Officers Course in Nuclear Medicine and Radioisotope Techniques at the Naval Hospital, Bethesda, MD.

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	Course #8301, Medical Officers Course in Nuclear Medicine and Radioisotope Techniques, Naval Hospital, Naval Medical Command, National Capital Region, Bethesda, MD 20814, 20 September through 10 November 1982.	63 (78 hours total)	15
b. RADIATION PROTECTION	Same as above.	30	0
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Same as above.	26	0
d. RADIATION BIOLOGY	Same as above.	20	0
e. RADIOPHARMACEUTICAL CHEMISTRY	Same as above.	46 (49 hours total)	3

A total of 203 hours of training in basic radioisotope handling techniques was received. In addition, 120 hours of training was received in clinical nuclear medicine. The training and experience indicated above was obtained under the supervision of CAPT J. P. Smith, MC, USN, Head, Nuclear Medicine Branch, Radiology Department. NRC License Number 19-02891-05 applies.

J. P. SMITH

*J. P. Smith*