



Veterans
Administration

November 1, 1985

Materials & Licensing Branch
United States Nuclear Regulatory Commission
Washington, D.C. 20555

THRU: Director
Nuclear Medicine Service (115)
V.A. Central Office
Washington, D.C. 20420

SUBJ: Amendment - NRC License No. 20-10184-01
Control No. 04377

1. We would like to amend our Material's License to include as authorized users the following individuals:

Brent A. Vogt, Ph.D.
Richard E. Fine, Ph.D.

2. Each of these individuals is engaged in Research and is trained and an experienced user of radioisotopes as the attached Forms NRC-313M-Supplement A show.

3. If you have any questions concerning the qualifications of these individuals or require additional information, please call Dr. Choampol Mahasaen, Radiation Protection Officer, FTS 840-0231.

R.E. Nohe
R.E. NOHE

Hospital Director

Attachments (2)

James J. Smith MD
JAMES J. SMITH, M. D. (115)
Director, Nuclear Medicine Service
VA Central Office
Washington, D.C. 20420

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20-10184-01 PDR

"OFFICIAL RECORD COPY"

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TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Dr. Richard E. Fine	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

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	Physics at U. of California at Berkeley 1961-1962	40	see item 5
b. RADIATION PROTECTION	Brandeis University 1965 Boston University Medical School	20 20	200 200
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Brandeis University 1965	20	see item 5
d. RADIATION BIOLOGY			see item 5
e. RADIOPHARMACEUTICAL CHEMISTRY			see item 5

5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
3H	5mCi	Brandeis	20 years	in vitro
14C	5mCi	Brandeis	20 years	in vitro
32P	4mCi	Brandeis	20 years	in vivo vitro
125I	2mCi	BUSM	14 years	in vitro
131I	2mCi	BUSM	14 years	in vitro
45Ca	2mCi	BUSM	14 years	in vitro
35S	2mCi	BUSM	14 years	in vivo vitro

TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

Dr. Brent A. Vogt

2. STATE OR TERRITORY IN
WHICH LICENSED TO
PRACTICE MEDICINE

3. CERTIFICATION

SPECIALTY BOARD
A

CATEGORY
B

MONTH AND YEAR CERTIFIED
C

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	Physics at Northeastern University 1978	40	see item 5
b. RADIATION PROTECTION	Beth Israel Hospital 1978 B.U.S.M. 1981	20	100
		20	200
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Beth Israel Hospital 1978 B.U.S.M. 1981		100 200
d. RADIATION BIOLOGY			see item 5
e. RADIOPHARMACEUTICAL CHEMISTRY			see item 5

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
3H	2 mCi	Beth Israel Hospital	2 years	in vivo &
		and B.U.S.M.	4 years	in vitro
125I	.5 mCi	B.U.S.M.	4 years	in vitro
14C	2 mCi	B.U.S.M.	4 years	in vitro
In addition, I am an authorized user under the B.U.S.M. NRC License 20-02215-01. For four additional years I have been using 3H and 125I under this license.				
3H+	same as above	B.U.S.M.	4 years	in vivo &
125I	per single use	B.U.S.M.	4 years	in vitro

I'm an authorized user of the isotopes listed on the opposite side at the listed quantities at BUSM. I have been an authorized user under this license for 14 years....20-02215-01.