



40-8194

DEPARTMENT OF THE ARMY Tom Grucci/seb/274-9340
HEADQUARTERS US ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA. 22333

DRCSE-P/83-0005

4 April 1983

Director
Nuclear Material Safety and Safeguards
ATTN: Radioisotopes Licensing Branch
US Nuclear Regulatory Commission
Washington, DC 20555

83 APR 25 AM 11:26

Gentlemen:

US Army Electronics Research and Development Command, Fort Monmouth, has requested that Source Material License Number SMB-1183 be amended to list Richard L. Renne as Radiation Protection Officer and to delete Steven A. Horne as Radiation Protection Officer, and Barry J. Silber and Johnson A. Choppala as Alternate Radiation Protection Officers. (Encl)

Please acknowledge receipt of correspondence on enclosed DA Form 209, Mail Reply Card.

Sincerely,

DARWIN N. PARAS
Chief, Health Physics
Safety Office

2 Encl
as stated

Copies Furnished:
HQDA (DASG-PSP-E) WASH DC 20310 (ltr & encl)
Dir, DARCOM FSA, Charlestown, IN 47111 (ltr & encl)
Cdr, ERADCOM, ATTN: DRDEL-SS-FM (ltr only)

FEE EXEMPT

22209
CC/19

TRAINING AND EXPERIENCE PAGE 1 of 7 Pages
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER RICHARD L. RENNE	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE N/A
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3. CERTIFICATION

SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
American Registry of Radiologic Technologists	Radiography	November 1969

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	Community Coll. of Denver Denver Gen. Hosp. 1968-70	155	320
	Univ. of Minnesota 1974-76	100	10
b. RADIATION PROTECTION	Community Coll. of Denver Denver Gen. Hosp. 1968-70	30	
	Univ. of Minnesota 1974-76	30	10
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Community Coll. of Denver Denver Gen. Hosp. 1968-70	30	10
	Univ. of Minnesota 1974-76	80	10
d. RADIATION BIOLOGY	Community Coll. of Denver Denver Gen. Hosp. 1968-74	30	
	Univ. of Minnesota	30	
e. RADIOPHARMACEUTICAL CHEMISTRY	Denver General Hospital 1968-70	8	

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	50mCi	Denver Gen. Hospital	1968-70	Medical
Cs 137	100mCi	" " "	" "	"
Au 198	200mCi	" " "	" "	"
I 131	100mCi	" " "	" "	"
In 113	50mCi	" " "	" "	"
Co 60	130mCi	" " "	" "	"
Ra 226	120mg	" " "	" "	"
Cr 51	5mCi	" " "	" "	"

TRAINING AND EXPERIENCE PAGE 2 of 7 Pages
AUTHORIZED USER OF RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER RICHARD L. RENNE	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE N/A
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SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

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		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION			
b. RADIATION PROTECTION			
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY			
d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Cs 137	1200mCi	Univ. of Nebraska	1973	Calibrations
Tc 99m	500mCi	NRMC Philadelpa, PA	1979-Present	Medical
Cr 51	2mCi	" " "	" "	"
I 123	1mCi	" " "	" "	"
I 125	100mCi	" " "	" "	"
I 131	100mCi	" " "	" "	"
Ga 67	10mCi	" " "	" "	"

TRAINING AND EXPERIENCE PAGE 3 of 7 Pages
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		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION			
b. RADIATION PROTECTION			
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY			
d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
In 111	5mCi	NRMC Philadelphia, PA	1979-Present	Medical
Co 57	50mCi	" " "	" "	"
Co 58	10mCi	" " "	" "	"
Co 60	7000Ci	" " "	" "	"

TRAINING AND EXPERIENCE PAGE 4 of 7 Pages
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		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION			
b. RADIATION PROTECTION			
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY			
d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Am 241	35 mCi	Ft. Monmouth NJ ERADCOM	Present	Research
Cs 137	400 Ci	"	"	"
Co 60	100 Ci	"	"	"
H-3	300 Ci	"	"	"
H-3	60 Ci	"	"	"
Po 210	1 Ci	"	"	"
Pm 147	1.2 Ci	"	"	"
Sr 90	5 Ci	"	"	"

TRAINING AND EXPERIENCE PAGE 5 of 7 Pages
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		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION			
b. RADIATION PROTECTION			
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY			
d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Co 60	660 Ci	Ft. Monmouth, NJ ERADCOM	Present	Research
Co 60	2048 Ci	"	"	"
Co 60	125000 Ci	"	"	"
U	16 lbs.	"	"	"
Th-232	22 lbs.	"	"	"
Pu-238	400 gms	"	"	"
Ra-Be	1 mCi	"	"	"
Ra-Be	20 mCi	"	"	"

TRAINING AND EXPERIENCE PAGE 6 of 7 Pages
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		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION			
b. RADIATION PROTECTION			
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY			
d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Ra-226	1 mCi	Ft. Monmouth, NJ ERADCOM	Present	Research
Ra-226	1 mCi	"	"	"
Ra-226	10 mCi	"	"	"
Ra-226	70 mCi	"	"	"
Co 57	150 mCi	"	"	"
Po-210	500 mCi	"	"	"
Pu-239	5 mCi	"	"	"
Eu-149	50 mCi	"	"	"

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a. RADIATION PHYSICS AND INSTRUMENTATION			
b. RADIATION PROTECTION			
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY			
d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Pm-147	7.5 mCi	Ft. Monmouth, NJ ERADCOM	Present	Research
Cs-137	1.0 mCi	"	"	"



DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY ELECTRONICS RESEARCH
AND DEVELOPMENT COMMAND
2800 POWDER MILL RD., ADELPHI, MD 20783

REPLY TO
ATTENTION OF

DRDEL-SS-FM

DEC 22 1982

SUBJECT: Change in the designation of Chairmanship of ERADCOM
Ionizing Radiation Control Committee, Ft. Monmouth, NJ

THRU: Commander
US Army Material Development
and Readiness Command
ATTN: DRCSF-P
5001 Eisenhower Avenue
Alexandria, VA 22333

TO: Director
Nuclear Material Safety and Safeguards
ATTN: Radioisotopes Licensing Branch
US Nuclear Regulatory Commission
Washington, D.C. 20555

1. Request the following US Army, ERADCOM NRC Licenses be amended, effective immediately.

- a. BP Lic. 29-01022-06
- b. BP Lic. 29-01022-07
- c. BP Lic. 29-01022-10
- d. SNM: 1323
- e. SMB: 1183

2. The amendment changes the Chairman from Dr. Walter S. McAfee to Mr. Richard L. Renne.

DRDEL-SS-FM

SUBJECT: Change in the designation of Chairmanship of ERADCOM
Ionizing Radiation Control Committee, Ft. Monmouth, NJ

3. Mr. Renne's NRC 313M is enclosed.

FOR THE COMMANDER:



RONALD W. KAESE
Chief, Safety Office
ERADCOM

Encl

CF:

HQ DARCOM
DRCSF-P