

40-8194



DEPARTMENT OF THE ARMY
HEADQUARTERS US ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA. 22333

DRCSF-P/83-0105

30 November 1983

83 DEC -8 09:49

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

Gentlemen:

Forwarded is US Army Electronics Research and Development Command's request to list Mr. Scott Davis as Alternate Radiation Protection Officer on Source Material License ^{SMM} 1183. Mr. Davis has an A.S in radiological technology from Columbia State Community College, and a B.S in radiological technology from the university of Tennessee, Center of Health Services. Mr. Davis' training and experience in radiation are enclosed in US Army Electronics Research and Development Command's request. Request expeditious handling of request.

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

Sincerely,

DARWIN N. TARAS
Chief, Health Physics,
Safety Office

2 Encl
as

CF:
HQDA(DASG-PSP-E) WASH DC 20310 2 cys w/encl
Dir, DARCOM Field Safety Activity, Charlestown, IN 47111 w/encl
Cdr, ERADCOM, ATTN: DRSEL-SS, 2800 Powder Mill Road, Adelphi, MD 20783 w/o encl

*to
CF Request I*

CC/21

23135

TRAINING AND EXPERIENCE
 AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Scott L. Davis	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
ARRT American Registry of Radiological Technologist	Radiology	Oct 1978

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	* CSCC	100	790
	* UTCHS	130	50
b. RADIATION PROTECTION	CSCC	40	40
	UTCHS	30	30
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	CSCC	50	50
	UTCHS	60	60
d. RADIATION BIOLOGY	CSCC	40	
	UTCHS	60	
e. RADIOPHARMACEUTICAL CHEMISTRY	CSCC	20	20
	UTCHS	60	60

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	25-30 mCi	CSCC/Maury Co. Hosp	1976-1978	Medical
I 131	50 mCi	" " "	" "	"
P32	10 mCi	" " "	" "	"
Ga67	10 mCi	" " "	" "	"
Cs137	25 mCi	" " "	" "	"
Ra226 (implant)	10 mCi	" " "	" "	"
Co60	100 mCi	" " "	" "	"

*CSCC (Columbia State Community College)
 *UTCHS (University of Tennessee Center for the Health Services)

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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			

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ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Tc ^{99m}	20 mCi	*UTCHS-LeBonheur Child Medical Ctr, Memphis, TN	1981- 1983	Medical
Ga ⁶⁷	10 mCi	" " " "	" "	Medical
In ¹¹¹	10 mCi	" " " "	" "	Medical
Co ⁵⁷	10 mCi	" " " "	" "	Medical
Co ⁵⁸	10 mCi	" " " "	" "	Medical

* UTCHS (University of Tennessee Center for the Health Sciences)

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d. RADIATION BIOLOGY			
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ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Am 241	35 mCi	ERADCOM Signal Lab	1983-Present	Research & Development
Cs ¹³⁷	400 mCi	" " "	" "	"
Co ⁶⁰	100 mCi	" " "	" "	"
H ³	60 Ci	" " "	" "	"
Po 210	1 Ci	" " "	" "	"
Pm 147	1.2 Ci	" " "	" "	"
Sr 90	5 Ci	" " "	" "	"

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d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Co ⁶⁰	660 Ci	ERADCOM Signal Lab	1983-Present	R & D
Co ⁶⁰	2048 Ci	" " "	" "	"
Co ⁶⁰	125000 Ci	" " "	" "	"
U-natural or depleted	16 lbs.	" " "	" "	"
Th 232	22 lbs.	" " "	" "	"
Pu 238	50 gms	" " "	" "	"
Ra-Be	1 @ 3 mCi	" " "	" "	"

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d. RADIATION BIOLOGY			
e. RADIOPHARMACEUTICAL CHEMISTRY			

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ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Ra-Be	1 @ 20 mCi	ERADCOM Signal Lab	1983-Present	R & D
Ra-226	1 @ 1 mCi	" " "	" "	"
Ra-226	1 @ 1 mCi	" " "	" "	"
Ra-226	1 @ 10 mCi	" " "	" "	"
Ra-226	10 @ 7 mCi	" " "	" "	"
Chk Src				
Co ⁵⁷	3 @ 50 mCi	" " "	" "	"

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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
Po 210	10 @ 50 mCi	ERADCOM Signal Lab	1983-Present	R & D
Pu 239	2.0 uCi to 5 mCi	" " "	" "	"
Eu 149	1 @ 50 mCi	" " "	" "	"
Pm 147	30 uCi Total 7.5 mCi	" " "	" "	"
Cs 137	1.0 mCi	" " "	" "	"