



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

DRCSF-P/83-0103

30 November 1983

'83 DEC -8 A9:50


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 Byproduct Material License 29-01022-10. Mr. Scott Davis has an A.S in radiological technology from Columbia State Community College, TN, and a B.S in radiological technology from the University of Tennessee Center for Health Sciences. Mr. Davis' training and experience in radiation is 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: DRDEL-SS, 2800 Powder Mill Road, Adelphi, MD 20783 w/o encl

8406230614 840615  
NMS LIC30  
29-01022-10 PDR

COPY SENT TO [illegible]

16428

**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
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 * UTCHS	100 130	790 50
b. RADIATION PROTECTION	CSCC UTCHS	40 30	40 30
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	CSCC UTCHS	50 60	50 60
d. RADIATION BIOLOGY	CSCC UTCHS	40 60	
e. RADIOPHARMACEUTICAL CHEMISTRY	CSCC UTCHS	20 60	20 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	" " "	" "	"
Ga <sup>67</sup>	10 mCi	" " "	" "	"
Cs137	25 mCi	" " "	" "	"
Ra <sup>226</sup> (implant)	10 mCi	" " "	" "	"
Co <sup>60</sup>	100 mCi	" " "	" "	"

FORM NRC-313M Supplement A  
(8-78)

Page

\*CSCC (Columbia State Community College)

\*UTCHS (University of Tennessee Center for the Health Services)

16428

# 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		
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				
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
Tc <sup>99m</sup>	20 mCi	*UTCHS-LeBonheur Child Medical Ctr, Memphis, TN	1981- 1983	Medical
Ga <sup>67</sup>	10 mCi	" " "	" "	Medical
In <sup>111</sup>	10 mCi	" " "	" "	Medical
Co <sup>57</sup>	10 mCi	" " "	" "	Medical
Co <sup>58</sup>	10 mCi	" " "	" "	Medical

# TRAINING AND EXPERIENCE AUTHOR ED 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
--	--

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			
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	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	" " "	" "	"



**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
--	--

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			
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
Co60	660 Ci	ERADCOM Signal Lab	1983-Present	R & D
Co60	2048 Ci	" " "	" "	"
Co60	125000 Ci	" " "	" "	"
U-natural		" " "	" "	"
or depleted	16 lbs.	" " "	" "	"
Th 232	22 lbs.	" " "	" "	"
Pu 238	50 gms	" " "	" "	"
Ra-Be	1 @ 3 mCi	" " "	" "	"

# 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
--	--

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			
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-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 <sup>57</sup>	3 @ 50 mCi	" " "	" "	"

# 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		
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				
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
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	" " "	" "	"