

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

REPLY TO

DRDEL-SS

SUBJECT: Addition of Alternate Radiation Protection Officer on NRC License 29-01022-06

THRU:

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

TO:

Encl

as

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

1. Request Mr. Scott Davis be added as Alternate Radiological Protection Officer on NRC Licnese 29-01022-06.

2. NRC Form 313M for Mr. Scott Davis is enclosed.

FOR THE COMMANDER:

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RONALD W. KAESE Chief, Safety Office ERADCOM

2 9 NOV 1983

	AINING AND EXPERIENCE ER OR RADIATION SAFETY OFFICE	/ y	·
1 NAME OF AUTHORIZED USER OF RADIATIO	IN SAFETY OFFICER	2. STATE OR TER WHICH LICENS PRACTICE MED	ED TO
Scott L. Davis			
SPECIALTY BOARD	3. CERTIFICATION CATEGORY		
A	B	MONTH AND YE	ARCERTIFIED
ARRT			
American Registry of Radiological Technologist	Radiology	Oct 1978	
4. TRAINING RECEIV	ED IN BASIC RADIOISOTOPE HANDLING T	ECHNIQUES	······································
· .	l	TYPE AND LENG	TH OF TRAINING
FIELD OF TRAINING A	LOCATION AND DATE SI OF TRAINING B	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

ISOTOPE	MAXIMUM AMOUNT	WHER	EEXPERIEN	CE WAS GAINED	DURAT	ION OF E	XPERIENCE	TYPE OF USE
Ic 99m	25-30 mCi	CSCC7	Maury C	o. Hosp	1 1976	-1978		Medical
I 131	50 mCi	1 1	11.	11	1. 11	11		11
p32	10 mCi	11	11	11	11	11		11
Ga67	10 mCi	"	11	ft	"	11		f1
Cs137	25. mCi	11	11	ti .		11		11
RaZZO	10 mCi	1 11	11	U .	"	11		11
(implant	h				1			
Co ⁶⁰	100 mCi	11	11	11	"	· • •		11

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

	Admon	1200 031	ER OR RADIATION SA	APE IT OFFICE	К					
1 NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER					WHICH LICENSED TO					
Scott	L. Davis									
			3. CERTIFICATION		1					
	SPECIALTY BOARD		CATEGO B		MONTH AND YE					
				· · · · ·						
	4. TRAININ	G RECEIV	ED IN BASIC RADIOISOT	OPE HANDLING T	ECHNIQUES					
• • •	· · ·	1			TYPE AND LENG	TH OF TRAINING				
	FIELD OF TRAINING A		LOCATION AND DATE	(S) OF TRAINING	LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATOR EXPERIENCE (Hours) D				
	NATION PHYSICS AND RUMENTATION									
b. RAD	NATION PROTECTION			:						
тне	THEMATICS PERTAINING EUSE AND MEASUREME RADIOACTIVITY									
d. RAE	DIATION BIOLOGY									
	DIOPHARMACEUTICAL EMISTRY									
•	5. EXPERIENC	E WITH RA	ADIATION. (Actual use of	Radioisotopes or Eq	uivalent Experienc	e)				
ISOTOPE	MAXIMUM AMOUNT	WHERE	EXPERIENCE WAS GAINED	DURATION OF	EXPERIENCE	TYPE OF USE				
Tc ^{99m}	20 mCi	1	-LeBonheur Child al Ctr, Memphis, 2	1981- 1983 IN		edical				
Ga ⁶⁷	10 mCi		11 11	11 11	the second s	edical				
In111	10 mCi	11	11 11	11 11		edical				
	10 -04	1 11	11 11	1 11 11	I M	edical				
Co ⁵⁷ Co ⁵⁸	10 mCi 10 mCi		<u>ft</u> \$1	11 11		edical				

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

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AUTHORIZED	R OR RADIATION SAFETY	OFFICER	
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Scott L. Davis	2. STATE OR TERPITORY IN WHICH LICENSED TO PRACTICE MEDICINE			
	3. CERTIFICATION			
SPECIALTY BOARD	CATEGORY B	MONTH AND YEAR CERTIFIED		
4. TRAINING RECEIVE	ED IN BASIC RADIOISOTOPE HANDLING TE	CHNIQUES		
		TYPE AND LENGTH OF TRAINING		
FIELD OF TRAINING	LOCATION AND DATE SI OF TRAINING	LECTUREA LABORATORY COURSES (Hours) C D D EXPERIENCE (Hours) D		
RADIATION PHYSICS AND INSTRUMENTATION				
5. RADIATION PROTECTION	•			
C. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY				
d. RADIATION BIOLOGY				

e. RADIOPHARMACEUTICAL CHEMISTRY

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GA	INED	DURAT	ION OF EXPERIENCE	TYPE OF USE
Am 241	35 mCi	ERADCOM Signal Lab	4.** 14.**	1983-	Present	Research & Development
Cs ¹³⁷	400 mCi	11 11 11			11	11 .
Co ⁶⁰	100 mCi	11 12 11		"	11	**
н3	60 Ci	11 11 11		"	P1	11
Po 210.	1 Ci	77 72 71		1 11	11	11
Pm 147	1.2 Ci	11 11 11		71		11
Sr 90	5 Ci	11 . 11 . 11		"	. tł	

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1 NAME OF AUTHORIZED USER CR RADIATION SAFETY OFFICER						TERRITORY IN CENSED TO
Scott	L. Davis	PRACTICE MEDICINE				
		······	3. CERTIFICATION			
SPECIALTY BOARD			CATEGOR B	Y	MONTH AN	O YEAR CERTIFIED
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· · · · ·	• •					
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	· ·		······
	4. TRAINING	G RECEIV	ED IN BASIC RADIOISOTO	PE HANDLING T	ECHNIQUES	
					TYPE AND L	ENGTH OF TRAINING
•			LOCATION AND DATE IS		LECTURE	
	FIELD OF TRAINING		B	B OF LHAINING	COURSE	f
·					(Hourst	(Hours) D
				·	<u> </u>	
	ATION PHYSICS AND					and the second second
	RUMENTATION					
					· . · ·	
b. RAD	NATION PROTECTION	. •		•		
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c. MA	THEMATICS PERTAINING	то				
THE	EUSE AND MEASUREMEN					
Űŕ	RADIOACTIVITY					
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d. BAD	DIATION BIOLOGY					
<u></u>			1	· · · · · · · · · · · · · · · · · · ·		
- D +						
	DIOPHARMACEUTICAL EMISTRY					
	• • • •	•		,* •••	· · · ·	
	5. EXPERIENCE	E WITH R.	ADIATION. (Actual use of Re	adioisotopes or Eq	nuivalent Exper	ience)
ISOTOPE	MAXIMUM AMOUNT		EXPERIENCE WAS GAINED	DURATION OF		TYPE OF USE
Co60	660 Ci		M Signal Lab	1983-Prese	ent	R&D
Co60	2048 Ci	11	11 11	11 11		11
Co ⁶⁰	125000 Ci	11:	11 11	11 11		41
U-natura						r r
or deple		11	11 11 11 11	11 11		11
			11 TI -		1	1
Th 232	22 lbs.			11 11		T1
	22 1bs. 50 gms 1 @ 3 mCi	11	11 22 23 11	1) 1)		R1 01

50 gms 1 @ 3 mCi FORM NRC-313M Subplement A (8-76)

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AUTHORIZED	ER OR RADIATION SAFETY OF	FICEF
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Scott L. Davis	2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE			
	3. CERTIFICATION	1		
SPECIALTY BOARD	CATEGORY B	MONTH AND YEAR CERTIFIED		
4. TRAINING RECEN	ED IN BASIC RADIOISOTOPE HANDLING T	ECHNIQUES		
		TYPE AND LENGTH OF TRAINING		
FIELD OF TRAINING A	LOCATION AND DATE SI OF TRAINING	LECTURE. SUPERVISED LABORATORY LABORATORY COURSES EXPERIENCE (Hours) (Hours) C D		
a. RADIATION PHYSICS AND INSTRUMENTATION				
b. RADIATION PROTECTION	•			
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY				
d. RADIATION BIOLOGY				
e. RADIÖPHARMACEUTICAL CHEMISTRY				

DIOPHARMACEUTICAL MISTRY						
5. EXPERIENC	E WITH RA	DIATION.	(Actual use of R	adioisotope	es or Equivalent Expe	ience)
MAXIMUM AMOUNT	WHERE	EXPERIENC	E WAS GAINED	DURAT	ON OF EXPERIENCE	TYPE OF USE
1 @ 20 mCi	ERADCOM	I Signal	Lab	1983-	Present	R & D
1 @ 1 mCi	1. 1	- 11	11		17	11
1 @ 1 mCi	11	11+	11	11		11
1 @ 10 mCi	11	11	11	11	t1-	11
10 @ 7 mCi	11	1)	13	11	11	11
3 @ 50 mCi	ł1	11	11	11	11	11
	5. EXPERIENC MAXIMUM AMOUNT 1 @ 20 mCi 1 @ 1 mCi 1 @ 1 mCi 1 @ 1 mCi 1 @ 10 mCi 1 @ 10 mCi 10 @ 7 mCi	S. EXPERIENCE WITH RA MAXIMUM AMOUNT WHERE 1 0 20 mCi ERADCOM 1 0 1 mCi "" 1 0 10 mCi "" 10 0 7 mCi ""	S. EXPERIENCE WITH RADIATION. MAXIMUM AMOUNT WHERE EXPERIENCE 1 @ 20 mCi ERADCOM Signal 1 @ 1 mCi """"""""""""""""""""""""""""""""""""	S. EXPERIENCE WITH RADIATION. (Actual use of Remained and unt where experience was gained 1 @ 20 mCi ERADCOM Signal Lab 1 @ 1 mCi """"""""""""""""""""""""""""""""""""	S. EXPERIENCE WITH RADIATION. (Actual use of Radioisotope MAXIMUM AMOUNT WHERE EXPERIENCE WAS GAINED DURATI 1 @ 20 mCi ERADCOM Signal Lab 1983- 1 @ 1 mCi """"""""""""""""""""""""""""""""""""	S. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience MAXIMUM AMOUNT WHERE EXPERIENCE WAS GAINED DURATION OF EXPERIENCE 1 @ 20 mCi ERADCOM Signal Lab 1983-Present 1 @ 1 mCi """"""""""""""""""""""""""""""""""""

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NAME OF AUTHORIZED USER OF RADIATIO	2. STATE OR TERPITORY IN WHICH LICENSED TO PRACTICE MEDICINE		
	3. CERTIFICATION		· · ·
SPECIALTY BOARD	CATEGORY B	MONTH AND YE	
4. TRAINING RECEIV	LED IN BASIC RADIOISOTOPE HANDLING T		
······································		TYPE AND LENG	TH OF TRAININ
FIELD OF TRAINING A	LOCATION AND DATE SI OF TRAINING	LECTURE LABORATORY COURSES (Hours) C	SUPERVISE LABORATO EXPERIEN(<i>(Hours)</i> D
a. RADIATION PHYSICS AND INSTRUMENTATION			
b. RADIATION PROTECTION	•		
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY			
G. RADIATION BIOLOGY			
2. RADIOPHARMACEUTICAL CHEMISTRY			

ISOTOPE	MAXIMUM AMOUNT	WHERE	XPERIEN	E WAS GAINED	DURAT	TON OF EXPERIENCE	TYPE	DF USE
Po 210	10 @ 50 mCi	ERADCOM	Signal	l Lab	1983-	-Present	R & D	
Pu 239	2.0 uCi to	11	11		11	11	11	
•	5 mCi		•					•
Eu 149	1 @ 50 mCi	11	11	11	11	11	11	
Pm 147	30 uCi	- 11	11	11	1 "	11	- 11	
	Total 7.5 mCi				·			
Cs 137	1.0 mCi	"	• 11	ti	"	11	. 11	
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