



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

29 NOV 1983

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: 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 License 29-01022-06.
2. NRC Form 313M for Mr. Scott Davis is enclosed.

FOR THE COMMANDER:

Encl
as

Ronald W. Kaese
RONALD W. KAESE
Chief, Safety Office
ERADCOM

AA/70

**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 ⁶⁷	10 mCi	" " "	" "	"
Cs ¹³⁷	25 mCi	" " "	" "	"
Ra ²²⁶ (implant)	10 mCi	" " "	" "	"
Co ⁶⁰	100 mCi	" " "	" "	"

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

Page

*CSCC (Columbia State Community College)

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

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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 ^{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

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

Page 2

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

16427

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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
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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		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	" " "	" "	"

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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
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	" " "	" "	"

16427