



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
UNITED STATES ARMY MEDICAL DEPARTMENT ACTIVITY
FORT HOOD, TEXAS 76544-5063



HSXI-MED-RP

30 Nov 88

MEMORANDUM THRU:

Commander, US Army Health Services Command, ATTN: HSCL-P, Fort Sam Houston,
Texas 78234-6000

HQDA (DASG-PSP-E), 5111 Leesburg Pike, Falls Church, Virginia 22041-3258

FOR: US Nuclear Regulatory Commission, Region IV, 611 Ryan Plaza Drive, Suite
1000, Arlington, Texas 76011

SUBJECT: Amendment to US Nuclear Regulatory Commission License No. 42-19113-01

1. Request amendments to Darnall Army Community Hospital's US Nuclear Regulatory Commission License. The following license changes are requested:

a. CPT John R. Mercier, our current Radiation Safety Officer (RSO), will be taking on a new assignment in Jan '89. Request that CPT Charlie E. Brannon, Jr., be approved as the new RSO for our NRC license starting on or about 3 Jan 89. Our Radiation Control Committee has reviewed CPT Brannon's qualifications and is aware that he does not meet the exact specifications of 10 CFR 35.900 for Radiation Safety Officer training and experience. However, the Committee is confident that CPT Brannon is fully qualified to ensure that licensed radioactive material will continue to be used safely and that all license requirements will be maintained. The NRC Form 313 Supplement A, curriculum vitae, and Waterford III Nuclear Power Plant training records for CPT Brannon are enclosed (Encls 1, 2, and 3). The interim RSO will be SSG William R. Brantley who is the current alternate RSO. SSG Brantley has over four years of health physics technician experience at Army medical facilities and will be working under CPT Brannon's direct supervision.

b. During an internal audit of our license, the RSO discovered that we never received a reply from the NRC concerning a request for license amendment to add White Sands Missile Range, NRC license No. 30-12350-01, as a calibration support activity. The original request for amendment was in a letter dated 23 Jan 86 (Encl 4). On 28 Oct 88, CPT Mercier spoke telephonically with Mr. Jack E. Whitten, NRC Region IV representative, who acknowledged that the NRC did indeed receive and approve the request for amendment. However, for reasons unknown, the formal amendment approval was never sent out. Since the calibration support at White Sands Missile Range is in accordance with 10 CFR 35.51, we request that the NRC formally recognize them as an approved calibration support facility to our license by adding the 23 Jan 86 amendment request to the list of supporting documents in part 16 of the next license amendment.

8907280155 890509
REQ4 LIC30
42-19113-01 PDR

FEE EXEMPT

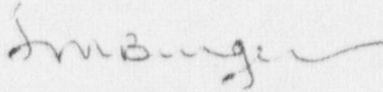
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SUBJECT: Amendment to US Nuclear Regulatory Commission License

2. We would greatly appreciate a formal reply to our requests for amendment by mid-January. Questions concerning the requests may be directed to CPT Mercier, Radiation Safety Officer, 817-288-8248.



4 Encls

LESLIE M. BURGER
Colonel, MC
Commanding

TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1 NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER Charlie E. Brannon, Jr.		2 STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE		
3 CERTIFICATION				
SPECIALTY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C		
	ANSI 18.1 Technician Certification	3/21/84		
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	Jacksonville State Univ 5/73-12/77 Farley Nuclear Power Plant 3/80-3/83 Waterford III NPP 3/83-7/88	4 crdt hrs 80	1 credit hour 3500 ojt hrs	
b. RADIATION PROTECTION	Farley NPP Waterford III NPP	128	10400+ ojt hours	
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Jacksonville State Univ Farley NPP Waterford III NPP	8 credit hours 24	10400+ ojt hours	
d. RADIATION BIOLOGY	Jacksonvill State Univ Farley NPP Waterford III NPP	18 crdt hrs 80	6 credit hours 2500 ojt hours	
RADIOPHARMACEUTICALS RadioCHEMISTRY	Jacksonville State Univ Farley NPP Waterford III NPP	16 crdt hrs 200	8 credit hours 5700 ojt hours	
5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)				
ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
H-3, Xe-127 Xe-133, Am-241 Kr-85, Sr-89 Sr-90, Cd-109 Co-58, Co-60 Ce-139, Hg-203 Y-88, Sn-113	sources ranged from 1 uCi to 40 Ci	Waterford III NPP	3/83 - 7/88	calibration sources

CURR CULUM VITAE

Brannon, Charlie E. Jr.
Captain, Medical Service, 417-32-5046

Place of Birth: Pell City, Alabama

Date of Birth: September 28, 1955

Marital Status: Married

Children: Four

Civilian Education:

September 1969 - May 1973

(Salutatorian of Class)

Ragland High School
Ragland, Alabama
College Preparation

June 1973 - December 1977

Jacksonville State Univ.
Jacksonville, Alabama
Degree: B.S. Biology

Military Education:

Medical Department Officer Basic
Fort Sam Houston, Texas
January 1978 - March 1978

Chemical, Biological & Nuclear Course
Fort Lewis, Washington
April 1978

BTMS Course
Fort Lewis, Washington
March 1979

Airlifters Planners Course
Fort Lewis, Washington
April 1979

Jungle Warfare Training Course
Jungle Operations Training Center
Fort Sherman, Panama
May 1979

Air Transportability Planners Course
Fort Eustis, Virginia
August 1979

NBC Defense Officer Course
Class Leader and Honor Grad. Fort Polk, Louisiana
August 1987

End 2

Employment:

January 1978 - March 1978	U.S. Army Officer Basic Course Fort Sam Houston, Texas
March 1978 - July 1979	U.S. Army Medical Platoon Leader HHC 3d Bn 42nd Inf. Fort Lewis, Washington
July 1979 - January 1980	U.S. Army Field Medical Assistant 423rd Medical Company Fort Lewis, Washington
March 1980 - March 1983	Farley Nuclear Plant Chemistry Technician Ashford, Alabama
March 1983 - July 1988	Waterford III Nuclear Plant * Senior Radiochemistry Technician Taft, Louisiana
July 1988 - Present	U.S. Army Officer Advance Course Fort Sam Houston, Texas

Military Experience after Active Duty:

September 1980 - August 1983	U.S. Army Reserve Section 1, 3297th USA Hosp. Chief Patient Admin. Officer Columbus, Georgia
December 1983 - June 1988	U.S. Army Reserve 4010th USA Hosp(1000 B)Augm. Health Services Personnel Manager New Orleans, Louisiana

*Outline of duties at Waterford III Nuclear Plant
See Attached page.

Duties at Waterford III Nuclear Plant:

March 1983 - July 1988

Senior Radiochemistry Technician

-Responsible for Calibration of Geiger-Spectrometer Equipment used: Intrinsic Geiger-Spectrometer

-Responsible for Control and Use of Radioactive Calibration Sources.

Sources used in calibration from range of 1 microcurie to 40 curies. Isotopic experience with the following isotopes:

Cd 109	Hg 203	Xe 133	Co 57	Co 60
Ce 139	Cs 137	Sn 113	Kr 85	Y 88
Xe 127				

-Responsible for collecting and counting samples, to include liquid, gas, and filter paper on Reactor coolant system and other related radioactive and non-radioactive systems. Data analysis of radionuclides included in responsibilities.

-Responsible for Calibration of Gas Flow Proportional Counters used in the determination of Gross Alpha.

Calibration Sources Used: Am 241 & Th 230

-Responsible for Calibration of Beckman Liquid Scintillation Counters, Model 5801 & Model LS 7000, used in the determination of Tritium (H_3).

Calibration Sources Used: H_3 quenched and unquenched

-Responsible for update of Chemistry Data Management information and up-keep and maintenance of Chemistry's Computer Systems (Nuclear Data 6700 & IBM PC, (AT Model)).

-Responsible for other Laboratory Equipment maintenance and repair.

TRN PERSON NAME
TRN PERSON ID
BRANCH CHARLIE E JR
C417025045

TRN TRAINING ID

07/27/88

PAGE

1

TRN	TRN PERSON NAME	TRN PERSON ID	BRANCH	CHARLIE E JR	C417025045	TRN TRAINING ID	TRN INSTRUCT NAME	TRN INSTRUCTOR NAME
IC1	COURSE TITLE							
0001-001-00	MATHEMATICS REVIEW					830509 830509	F	40.0 STAFF
0001-001-00	MATHEMATICS REVIEW					830510 830708	P	0.0 STAFF
0001-002-00	CHEMISTRY AND RADIOCHEMISTRY PART 1					830509 830509	P	0.0 STAFF
0001-002-00	CHEMISTRY AND RADIOCHEMISTRY PART 1					830510 830510	P	0.0 STAFF
0001-003-00	CHEMISTRY AND RADIOCHEMISTRY PART 2					830511 830511	P	70.0 STAFF
0001-004-00	ATOMIC AND NUCLEAR PHYSICS					830512 830512	P	0.0 STAFF
0001-005-00	REACTOR PHYSICS					830513 830513	P	0.0 STAFF
0001-006-00	PHR FUNDAMENTALS PART 1					830517 830517	P	0.0 STAFF
0001-007-00	PHR FUNDAMENTALS PART 2					830518 830518	P	0.0 STAFF
0002-001-00	REACTOR COOLANT SYSTEM					830519 830519	P	0.0 STAFF
0002-002-00	CHEMICAL AND VOLUME CONTROL SYSTEM					830520 830520	P	0.0 STAFF
0002-003-00	SAFETY INJECTION AND SHUTDOWN COOLING SYSTEMS					830521 830521	P	0.0 STAFF
0002-004-00	COMPONENT COOLING WATER SYSTEM					830522 830522	P	0.0 STAFF
0002-005-00	PRIMARY MAKEUP WATER SYSTEM					830523 830523	P	0.0 STAFF
0002-006-00	PRIMARY MAKEUP WATER SYSTEM					830524 830524	P	0.0 STAFF
0002-007-00	BORON RECYCLE SYSTEM					830525 830525	P	0.0 STAFF
0002-008-00	PRIMARY SAMPLING SYSTEM					830526 830526	P	0.0 STAFF
0002-009-00	POST ACCIDENT SAMPLING SYSTEM					830527 830527	P	0.0 STAFF
0003-001-00	STEAM GENERATORS AND DOWNGRADE TREATMENT					830528 830528	P	0.0 STAFF
0003-002-00	MAIN STEAM, AUXILIARY STEAM, AND GLAND STEAM					830529 830529	P	0.0 STAFF
0003-003-00	TURBINE FEEDWATER AND CONDENSATE					830530 830530	P	0.0 STAFF

TRN PERSON NAME
TRN PERSON ID

BRANSON CHARLIE E JR
E417825046

TRCNUM	IC1 COURSE TITLE	TRNS1 TRNS2 TRNS3 TRNS4 TRNS5 TRN INSTRUCTOR NAME
EC03-004-00	HEATERS, BRAINS, AT 3 VENIS	830609 830609 P 85.0 STAFF
EC03-005-00	SECONDARY MAKE UP WATER SYSTEM	830615 830615 P 7.0 STAFF
EC03-006-00	CIRCULATING WATER SYSTEM	830615 830615 P 0.0 STAFF
EC03-007-00	TURBINE COOLING WATER SYSTEM	830614 830614 P 85.0 STAFF
EC03-008-00	AIR AND GAS SYSTEMS	830617 830617 P 80.0 STAFF
EC03-009-00	WATER TREATMENT PLANT - PART 1	830618 830618 P 80.0 STAFF
EC03-010-00	WATER TREATMENT PLANT - PART 2	830618 830618 P 80.0 STAFF
EC03-011-00	SECONDARY SAMPLING SYSTEM	830618 830618 P 80.0 STAFF
EC03-012-00	CHEMICAL ADDITION SYSTEM	830618 830618 P 80.0 STAFF
EC03-013-00	HEATING, VENTILATION AND AIR CONDITIONING SYSTEM	830623 830623 P 80.0 STAFF
EC04-001-00	LIQUID WASTE MANAGEMENT SYSTEM	830617 830621 P 80.0 STAFF
EC04-002-00	GASEOUS WASTE MANAGEMENT SYSTEM	830621 830621 P 80.0 STAFF
EC04-003-00	SOLID WASTE MANAGEMENT SYSTEM	830621 830621 P 80.0 STAFF
EC04-004-00	HIGH RADIOACTIVE WASTE MANAGEMENT SYSTEM	830622 830622 P 75.0 STAFF
EC05-001-00	TYPES OF CORROSION	830622 830622 P 100.0 STAFF
EC05-002-00	CORROSION PREVENTION	830622 830622 P 80.0 STAFF
EC05-003-00	REACTOR SYSTEMS ENVIRONMENT	830619 830619 P 85.0 STAFF
EC05-004-00	SECONDARY SYSTEMS ENVIRONMENT	830623 830623 P 75.0 STAFF
EC05-001-00	RADIATION CHEMISTRY	830624 830624 P 80.0 STAFF
EC05-002-00	RADIOACTIVITY PRODUCTION AND TRANSPORTATION IN REACTOR COOLANT SYSTEMS	830624 830624 P 0.0 STAFF
EC05-003-00	COMBUSTION ENGINEERING MANUAL	830625 830625 P 80.0 STAFF
EC05-001-00	CHEMISTRY PROCESS MONITORING	830625 830625 P 75.0 STAFF
EC05-002-00	RADIOLOGICAL PROCESS MONITORING	830625 830625 P 0.0 STAFF
EC05-003-00	RADIOCHEMISTRY ANALYSES	830625 830625 P 0.0 STAFF
EC05-004-00	ANALYTICAL AND SAMPLING TECHNIQUES	830630 830630 P 70.0 STAFF
EC06-001-00	MONITORING AND CONTROL OF EFFLUENT	830628 830628 P 80.0 STAFF
EC06-002-00	EFFLUENTS ACCOUNTING AND REPORTING	830630 830630 P 0.0 STAFF

FORM	TEST CODES TITLE	TRNSET TRCNST TRNPTI TRNEEF TRN INSTRUCTOR NAME
E009-001-00	SYSTEM CLEANLINESS AND FLUSHING	B30706 B30706 P 100.0 STAFF
E009-002-00	PPE OPERATIONAL TESTING, HYDROSTATIC TESTING AND NOT FUNCTIONAL TESTING	B30701 B30701 P 70.0 STAFF
E009-003-00	START UP TESTING, INITIAL CORE LOADING, INITIAL CRITICALITY, AND POWER ASCENSION	B30701 B30701 P 0.0 STAFF
E010-001-00	CALIBRATION AND QUALITY ASSURANCE	B30706 B30706 P 0.0 STAFF
E010-002-00	TECHNICAL SPECIFICATIONS AND REGULATIONS	B40710 B40710 P 100.0 PERRY WILLIAM H
E010-003-00	RECOGNITION AND MITIGATION OF CORE DAMAGE	B30705 B30705 P 95.0 STAFF
E010-004-00	CHEMISTRY TECHNICIAN TRAINING SUMMARY AND FINALS	B30707 B30707 P 85.2 STAFF
E100-000-00	CONFINED SPACE ENTRY	B40530 B40530 P 93.0 PERRY WILLIAM H
E100-000-02	EGAFINER SPACE MONITORING	B80418 B80418 A 0.0 STANLEY RONALD L
E100-001-00	UNIT EVALUATION AND REPORTING	B40815 B40815 P 0.0 STAFF
E200-000-00	CHEMISTRY QUALIFICATION CARDS	B40707 B40707 P 0.0 STAFF
E200-107-00	CHEMISTRY QUALIFICATION CE-03-103 CHLORIDES, SPECIFIC ION	B30414 B30414 C 0.0 STAFF
E200-107-00	CHEMISTRY QUALIFICATION CE-03-103 CHLORIDES, SPECIFIC ION	B70408 B70408 C 0.0 STAFF
E200-110-00	CHEMISTRY QUALIFICATION CE-03-107 FLUORIDES, SPECIFIC ION	B30414 B30414 C 0.0 STAFF
E200-110-00	CHEMISTRY QUALIFICATION CE-03-107 FLUORIDES, SPECIFIC ION	B70408 B70408 C 0.0 STAFF
E200-115-00	CHEMISTRY QUALIFICATION CE-03-119 BISSELEVED OXYGEN, COLORIMETRIC METHOD	B30414 B30414 C 0.0 STAFF
E200-115-00	CHEMISTRY QUALIFICATION CE-03-119 BISSELEVED OXYGEN, COLORIMETRIC METHOD	B70407 B70407 C 0.0 STAFF
E200-202-00	CHEMISTRY QUALIFICATION CE-3-302 GROSS GAMMA RADIOACTIVITY	B30414 B30414 C 0.0 STAFF
E200-202-00	CHEMISTRY QUALIFICATION CE-3-302 GROSS GAMMA RADIOACTIVITY	B70506 B70506 C 0.0 STAFF
E200-203-00	CHEMISTRY QUALIFICATION CE-3-303 GROSS ALPHA RADIOACTIVITY	B30414 B30414 C 0.0 STAFF
E200-203-00	CHEMISTRY QUALIFICATION CE-3-303 GROSS ALPHA RADIOACTIVITY	B70506 B70506 C 0.0 STAFF

REPORT	TCI COURSE TITLE	TRANSIT TRIPET TRIPET TRIPET TEN INSTRUCTOR NAME
E385 002 00 HIGH ACCIDENT SAMPLING		850410 850410 P 97.0 PERRY WILLIAM H
E385 003 00 OPERATION OF THE TOTAL ORGANIC CARBON ANALYZER		850510 850510 P 90.0 PERRY WILLIAM H
E385 004 00 CHEMISTRY FEED SYSTEM		850510 850510 P 97.0 PERRY WILLIAM H
E385 005 00 LABORATORY PRACTICES		850512 850512 P 92.0 PERRY WILLIAM H
E385 006 00 INDUSTRY UPDATE		850729 850729 P 84.0 BOUREAU JAMES T
E385 007 00 CONDUCTIVITY		850731 850731 P 80.0 PERRY WILLIAM H
E385 008 00 COOLING WATER SYSTEM		850729 850729 P 95.0 PERRY WILLIAM H
E385 009 00 PASS MODIFICATIONS		870113 870113 P 70.0 PERRY WILLIAM H
E387 036 00 GAMMA SPECTROSCOPY/PROCEDURE REVISIONS REVIEW QUIZ		870730 870730 P 95.0 MADERE DAVID C
E387 031 00 GAMMA SPECTROSCOPY		870728 870728 A 0.0 MADERE DAVID C
E387 033 00 PROCEDURE REVISIONS REVIEW		870728 870728 A 0.0 MADERE DAVID C
E387 200 01 CHEMISTRY CYCLE 2 QUIZ		870507 870507 P 92.0 STAFF
E387 201 00 COMPRESSOR/MOTORS		870505 870505 A 0.0 JOHNSON WILLIAM L
E387 202 00 CYCLE 2 CONTINUOUS TRAINING GAS CHROMATOGRAPHY		870505 870505 A 0.0 STAFF
E387 400 00 1987 CYCLE 4 QUIZ		870910 870910 P 98.0 MADERE DAVID C
E387 401 00 H 3 LAB QC PROGRAM		870708 870708 A 0.0 MADERE DAVID C
E387 402 00 PLASMA EMISSION SPECTROMETRY		870710 870710 A 0.0 MADERE DAVID C
E387 403 00 COBLENSE POLISHER		870708 870708 A 0.0 MADERE DAVID C
E387 404 00 PROJECT/REVISIONS REVIEW CYCLE 4, 1987		870710 870710 A 0.0 MADERE DAVID C
E387 500 00 INDUSTRY EVENTS 1987 CYCLE 5		871229 871231 A 0.0 MADERE DAVID C
E400 000 00 CHEMISTRY SUPERVISOR/TECHNICIAN REQUIRED READING		850221 850321 C 0.0 STAFF
E400 001 00 CHEMISTRY SUPERVISOR/TECHNICIAN REQUIRED READING		850415 850415 C 0.0 STAFF
E400 002 00 CHEMISTRY SUPERVISOR/TECHNICIAN		850701 850701 C 0.0 STAFF
E400 003 00 REQUIRED READING LIST		850923 850923 C 0.0 STAFF
E400 004 00 REQUIRED READING LIST		851120 851120 C 0.0 STAFF
E400 005 00 CHEMISTRY SUPERVISOR/TECHNICIAN/REQUIRED READING		870129 870129 C 0.0 STAFF
E400 006 00 REQUIRED READING (3/27/87)		870715 870715 C 0.0 STAFF

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6400-007-00 CHEMISTRY PERSONNEL REQUIRED READING

871229 871229 C 0.0 STAFF

6400-008-00 CHEMISTRY PERSONNEL REQUIRED READING

870607 870607 C 0.0 STAFF

6400-009-00 CHEMISTRY PERSONNEL REQUIRED READING

870615 870615 C 0.0 STAFF

6400-010-00 CHEMISTRY PERSONNEL REQUIRED READING

860118 860118 C 0.0 STAFF

6400-011-00 CHEMISTRY PERSONNEL REQUIRED READING

870914 870928 C 0.0 STAFF

6400-012-00 CHEMISTRY PERSONNEL

871112 871217 C 0.0 STAFF

6400-013-00 CHEMISTRY PERSONNEL REQUIRED READING

871210 860111 C 0.0 STAFF

6400-014-00 CHEMISTRY PERSONNEL REQUIRED READING

871214 860330 C 0.0 STAFF

6400-014-00 CHEMISTRY PERSONNEL REQUIRED READING

860126 860330 E 0.0 STAFF

6400-015-00 CHEMISTRY REQUIRED READING

860420 860423 C 0.0 STAFF

6400-016-00 CHEMISTRY REQUIRED READING

860512 860514 C 0.0 STAFF

6400-000-00 HEAT STRESS PROGRAM

860418 860418 A 0.0 STANLEY RONALD L

6400-000-00 THE JOB TRAINING

870908 870908 A 0.0 MADERE DAVID C

6400-000-00 EFFICIENT RELEASE GUIDELINES AND ANALYSES

860419 860419 A 0.0 STANLEY RONALD L

6400-000-00 CHEMISTRY TECH CONTINUING TRAINING DUAL CARD

871027 871027 C 0.0 STAFF

6700-001-00 CHEMISTRY UPDATE

860420 860420 A 0.0 STANLEY RONALD L

6700-001-00 CHEMISTRY UPDATE

860420 860420 P 0.0 STANLEY RONALD L

6700-001-00 CHEMISTRY COURSE FOR LABORATORY TECHNICIANS (BARDOCK & MILEDOX)

860420 860420 P 0.0 STAFF

6600-000-00 GENERAL EMPLOYEE TRAINING COURSE I

830328 830328 B40328 P 100.0 STAFF

6600-000-00 GENERAL EMPLOYEE TRAINING COURSE I

840402 840402 B50402 P 92.0 CRAWLEY ROBERT A

6600-000-00 GENERAL EMPLOYEE TRAINING COURSE I

850408 850408 B50408 P 95.0 FAVALORO WILLIAM E

6600-000-00 GENERAL EMPLOYEE TRAINING 1 REGULARIFICATION

850414 850414 B70414 P 100.0 FAVALORO WILLIAM E

6600-000-00 GENERAL EMPLOYEE TRAINING 1 REGULARIFICATION

870323 870323 B80323 P 95.0 FAVALORO WILLIAM E

6600-000-00 GENERAL EMPLOYEE TRAINING 1 REGULARIFICATION

880127 880127 B70127 P 100.0 JOHNSON WILLIAM L

6600-000-00 FACILITY WORKER TRAINING REGULARIFICATION

870326 870326 B80326 P 90.0 FAVALORO WILLIAM E

6600-000-00 FACILITY WORKER TRAINING REGULARIFICATION

880127 880127 B70127 P 94.0 JOHNSON WILLIAM L

6600-000-00 GENERAL EMPLOYEE TRAINING COURSE III -
 RESPIRATORY PROTECTION (REG-GUIDE B.15)

830421 830421 B40421 P 95.0 STAFF

TEH TRNGH NAME BRANNON CHARLIE E JR
 TRG TRNGH ID 412825645

TEH TRAINING FB

07/29/88

PAGE

8

TRNGH	TCI COURSE TITLE	TRNGDT	TRNGT	TRNGPT	TRNGRB	TRN INSTRUCTOR NAME
J027-000-00		840507	840514	940514 P	88.0	STAFF
J027-001-00	FIRST RESPONDER TRAINING (INITIAL)	831215	831215	P	0.0	CRAMLEY ROBERT A
J027-002-01	FIRST RESPONDER SITE	880127	880127	A	0.0	JOHNSON WILLIAM L
J027-004-00	FIRST RESPONDER REGUAL	850422	850424	880424 P	90.2	STAFF
J027-004-00	FIRST RESPONDER REGUAL	880125	880126	900126 P	94.0	STAFF
J027-005-00	CPR	870507	870507	A	0.0	STAFF
J027-005-00	CPR	880125	880125	890125 P	0.0	STAFF
J027-005-00	FIRST RESPONDER BRILLS	871115	871115	P	0.0	CRAMLEY ROBERT A
J027-005-00	FIRST RESPONDER BRILLS	880201	880201	P	0.0	STANLEY RONALD L
J028-000-00		831025	831025	841025 P	80.0	FAVALORO WILLIAM E
J033-003-00	EMERGENCY PLAN BRILL 84-3	840119	840119	P	0.0	STAFF
J033-005-15	EMERGENCY PLAN BRILL 85-15	850718	850718	P	0.0	STAFF
J033-085-09	EMERGENCY PLAN BRILL	850919	850919	A	0.0	STAFF
J033-007-03	QUARTERLY PREPAREBELMS MAINTENANCE BRILL	870318	870318	A	0.0	ABRAMS DON E II
J033-007-09	EMERGENCY PLAN BRILL 87-09	870524	870524	A	0.0	STAFF
J033-007-11	1987 EXERCISE REHEARSAL	870909	870909	A	0.0	STAFF
J033-008-02	1ST QUARTER SITE BRILL 880-02	880309	880309	A	0.0	STAFF
J035-009-00	EMERGENCY PLAN REQUIRED READING CHEMISTRY	841105	841105	851101 P	0.0	STAFF
J035-009-03	EMERGENCY PLAN REQUIRED READING CHEMISTRY	850927	850927	C	0.0	STAFF
J035-009-05	EMERGENCY PLAN CHEMISTRY	880427	880427	C	0.0	STAFF
J035-110-00	EMERGENCY PLAN REQUIRED READING/EP-2-091 REV. 4	850919	850919	C	0.0	STAFF
J035-115-00	EMERGENCY PLAN REQUIRED READING/EP-2-150 REV. 6	850923	850923	C	0.0	STAFF
J035-117-00	EMERGENCY PLAN REQUIRED READING/UNIT-7-010 REV 2	850924	850924	C	0.0	STAFF
J039-000-00	EMERGENCY PLAN SITE BRILL BRIEFINGS	840207	840207	P	0.0	LEHIS JAMES J JR
J206-000-00	FIREMUTUAL USE FIREGROUND REFRESHER	850227	850227	P	95.0	FAVALORO WILLIAM E
J285-010-00	USE HANDPUMP REFRESHER	850411	850411	P	93.0	FAVALORO WILLIAM E
J286-010-01	USE HANDPUMP REFRESHER/EMERGENCY PLAN TRAINING	870326	870326	880326 P	90.0	FLOYD WILLIAM E

0000

END OF HIT

TOTAL HITS

213

0000

TRN TRAINING-EB

07/29/80

PAGE

10

462325



DEPARTMENT OF THE ARMY
UNITED STATES ARMY MEDICAL DEPARTMENT ACTIVITY
FORT HOOD, TEXAS 76544-5063

REPLY TO
ATTENTION OF

HSXI-DHS-RP

23 January 1986

SUBJECT: Amendment to U.S. Nuclear Regulatory Commission License

THRU: Commander
U.S. Army Health Services Command
ATTN: HSCL-P
Fort Sam Houston, TX 78234-6000

HQDA (DASG-PSP-E)
5111 Leesburg Pike
Falls Church, VA 22041-3258

TO: U.S. Nuclear Regulatory Commission
Region IV, Office of Inspections and Enforcement
611 Ryan Plaza Drive
Suite 1000
Arlington, TX 76012

Request amendment to Darnall Army Community Hospital (DACH), U.S. Nuclear Regulatory Commission License No. 42-19113-01, to add White Sands Missile Range as an additional outside calibration activity for calibrating DACH's radiation survey and monitoring equipment. This request is a result of the US Army's reorganization of TMDE calibration activities. Enclosed is Form NRC-313M Application for Materials License-Medical (Encl 1) and the supporting document for Calibration of Instruments (Encl 2).

ORIG. SIGNED BY
RICHARD D. CAMERON
Colonel, Medical Corps
Commanding

Encl 4

APPLICATION FOR MATERIALS LICENSE — MEDICAL

INSTRUCTIONS — Complete Items 1 through 26 if this is an initial application or an application for renewal of a license. Use supplemental sheets where necessary. Item 26 must be completed on all applications and signed. Retain one copy. Submit original and one copy of entire application to: Director, Office of Nuclear Materials Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. Upon approval of this application, the applicant will receive a Materials License. An NRC Materials License is issued in accordance with the general requirements contained in Title 10, Code of Federal Regulations, Part 30, and the Licensee is subject to Title 10, Code of Federal Regulations, Parts 19, 20 and 35 and the license fee provision of Title 10, Code of Federal Regulations, Part 170. The license fee category should be stated in Item 26 and the appropriate fee enclosed.

1.a. NAME AND MAILING ADDRESS OF APPLICANT (institution, firm, clinic, physician, etc.) INCLUDE ZIP CODE

Commander
Darnall Army Community Hospital
Fort Hood, TX 76544-5063

TELEPHONE NO.: AREA CODE () _____

1.b. STREET ADDRESS(ES) AT WHICH RADIOACTIVE MATERIAL WILL BE USED (if different from 1.a.) INCLUDE ZIP CODE

2. PERSON TO CONTACT REGARDING THIS APPLICATION

1LT John R. Mercier

TELEPHONE NO.: AREA CODE (817) 287-5989

3. THIS IS AN APPLICATION FOR: (Check appropriate item)

a. ☐ NEW LICENSE

b. ☒ AMENDMENT TO LICENSE NO. 42-19113-01

c. ☐ RENEWAL OF LICENSE NO. _____

4. INDIVIDUAL USERS (Name individuals who will use or directly supervise use of radioactive material. Complete Supplements A and B for each individual.)

NC

5. RADIATION SAFETY OFFICER (RSO) (Name of person designated as radiation safety officer. If other than individual user, complete resume of training and experience as in Supplement A.)

NC

6.a. RADIOACTIVE MATERIAL FOR MEDICAL USE

RADIOACTIVE MATERIAL LISTED IN:	ITEMS DESIRED "X"	MAXIMUM POSSESSION LIMITS (In millicuries)	ADDITIONAL ITEMS:	MARK ITEMS DESIRED "X"	MAXIMUM POSSESSION LIMITS (In millicuries)
10 CFR 31.11 FOR IN VITRO STUDIES	NC	NC	IODINE-131 AS IODIDE FOR TREATMENT OF HYPERTHYROIDISM	NC	NC
10 CFR 35.100, SCHEDULE A, GROUP I	NC	AS NEEDED	PHOSPHORUS-32 AS SOLUBLE PHOSPHATE FOR TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA AND BONE METASTASES	NC	NC
10 CFR 35.100, SCHEDULE A, GROUP II	NC	AS NEEDED	PHOSPHORUS-32 AS COLLOIDAL CHROMIC PHOSPHATE FOR INTRACAVITARY TREATMENT OF MALIGNANT EFFUSIONS.	NC	NC
10 CFR 35.100, SCHEDULE A, GROUP III	NC	NC	GOLD-198 AS COLLOID FOR INTRACAVITARY TREATMENT OF MALIGNANT EFFUSIONS.	NC	NC
10 CFR 35.100, SCHEDULE A, GROUP IV	NC	AS NEEDED	IODINE-131 AS IODIDE FOR TREATMENT OF THYROID CARCINOMA	NC	NC
10 CFR 35.100, SCHEDULE A, GROUP V	NC	AS NEEDED	XENON-133 AS GAS OR GAS IN SALINE FOR BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES	NC	NC
10 CFR 35.100, SCHEDULE A, GROUP VI	NC	NC			

6.b. RADIOACTIVE MATERIAL FOR USES NOT LISTED IN ITEM 6.a. (Sealed sources up to 3 mCi used for calibration and reference standards are authorized under Section 35.14(d), 10 CFR Part 35, and NEED NOT BE LISTED.)

ELEMENT AND MASS NUMBER	CHEMICAL AND/OR PHYSICAL FORM	MAXIMUM NUMBER OF MILLICURIES OF EACH FORM	DESCRIBE PURPOSE OF USE
No Change			

INFORMATION REQUIRED FOR . . . EMS 7 THROUGH 23

For Items 7 through 23, check the appropriate box(es) and submit a detailed description of all the requested information. Begin each item on a separate sheet. Identify the item number and the date of the application in the lower right corner of each page. If you indicate that an appendix to the medical licensing guide will be followed, do not submit the pages, but specify the revision number and date of the referenced guide: Regulatory Guide 10.8 , Rev. _____ Date: _____

7. MEDICAL ISOTOPES COMMITTEE		15. GENERAL RULES FOR THE SAFE USE OF RADIOACTIVE MATERIAL (Check One)	
☐	Names and Specialties Attached; and	☐	Appendix G Rules Followed; or
☐	Duties as in Appendix B; or _____ (Check One)	☐	Equivalent Rules Attached
☐	Equivalent Duties Attached	16. EMERGENCY PROCEDURES (Check One)	
8. TRAINING AND EXPERIENCE		☐	Appendix H Procedures Followed; or
☐	Supplements A & B Attached for Each Individual User; and	☐	Equivalent Procedures Attached
☐	Supplement A Attached for RSO.	17. AREA SURVEY PROCEDURES (Check One)	
9. INSTRUMENTATION (Check One)		☐	Appendix I Procedures Followed; or
☐	Appendix C Form Attached; or	☐	Equivalent Procedures Attached
☐	List by Name and Model Number	18. WASTE DISPOSAL (Check One)	
10. CALIBRATION OF INSTRUMENTS		☐	Appendix J Form Attached; or
☐	Appendix D Procedures Followed for Survey Instruments; or _____ (Check One)	☐	Equivalent Information Attached
☒	Equivalent Procedures Attached; and	19. THERAPEUTIC USE OF RADIOPHARMACEUTICALS (Check One)	
☐	Appendix D Procedures Followed for Dose Calibrator; or _____ (Check One)	☐	Appendix K Procedures Followed; or
☐	Equivalent Procedures Attached	☐	Equivalent Procedures Attached
11. FACILITIES AND EQUIPMENT		20. THERAPEUTIC USE OF SEALED SOURCES	
☐	Description and Diagram Attached	☐	Detailed Information Attached; and
12. PERSONNEL TRAINING PROGRAM		☐	Appendix L Procedures Followed; or _____ (Check One)
☐	Description of Training Attached	☐	Equivalent Procedures Attached
13. PROCEDURES FOR ORDERING AND RECEIVING RADIOACTIVE MATERIAL		21. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE GASES (e.g., Xenon - 133)	
☐	Detailed Information Attached	☐	Detailed Information Attached
14. PROCEDURES FOR SAFELY OPENING PACKAGES CONTAINING RADIOACTIVE MATERIALS (Check One)		22. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE MATERIAL IN ANIMALS	
☐	Appendix F Procedures Followed; or	☐	Detailed Information Attached
☐	Equivalent Procedures Attached	23. PROCEDURES AND PRECAUTIONS FOR USE OF RADIOACTIVE MATERIAL SPECIFIED IN ITEM 6.b	
☐		☐	Detailed Information Attached

24. PERSONNEL MONITORING DEVICES

TYPE (Check appropriate box)		SUPPLIER	EXCHANGE FREQUENCY
a. WHOLE BODY	FILM		
	TLD		
	OTHER (Specify)		
b. FINGER	FILM		
	TLD		
	OTHER (Specify)		
c. WRIST	FILM		
	TLD		
	OTHER (Specify)		

d. OTHER (Specify)

25. FOR PRIVATE PRACTICE APPLICANTS ONLY

a. HOSPITAL AGREEING TO ACCEPT PATIENTS CONTAINING RADIOACTIVE MATERIAL			
NAME OF HOSPITAL		b. ATTACH A COPY OF THE AGREEMENT LETTER SIGNED BY THE HOSPITAL ADMINISTRATOR. c. WHEN REQUESTING THERAPY PROCEDURES, ATTACH A COPY OF RADIATION SAFETY PRECAUTIONS TO BE TAKEN AND LIST AVAILABLE RADIATION DETECTION INSTRUMENTS.	
MAILING ADDRESS			
CITY	STATE ZIP CODE		

26. CERTIFICATE

-(This item must be completed by applicant)

The applicant and any official executing this certificate on behalf of the applicant named in Item 1a certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 35, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

a. LICENSE FEE REQUIRED (See Section 170.3-10 CFR 170)		b. APPLICANT OR CERTIFYING OFFICIAL (Signature) ORIG. SIGNED BY	
(1) LICENSE FEE CATEGORY		(1) NAME (Type of Print) RICHARD D. CAMERON	
		(2) TITLE Commanding	
(2) LICENSE FEE ENCLOSED \$ NA		c. DATE 23 January 1986	

CALIBRATION OF SURVEY INSTRUMENTS

Check appropriate items.

1. Survey instruments will be calibrated at least annually and following repair.
2. Calibration will be performed at two points on each scale used for radiation protection purposes, i.e., at least up to 1 R/hr.

The two points will be approximately 1/3 and 2/3 of full scale. A survey instrument may be considered properly calibrated when the instrument readings are within ± 10 percent of the calculated or known values for each point checked. Readings within ± 20 percent are considered acceptable if a calibration chart, graph, or response factor is prepared, attached to the instrument, and used to interpret readings to within ± 10 percent. Also, when higher scales are not checked or calibrated, an appropriate precautionary note will be posted on the instrument.

3. Survey instruments will be calibrated

- By the manufacturer
- At the licensee's facility

- (1) Calibration source

Manufacturer's name _____
Model no. _____
Activity in millicuries _____
or _____
Exposure rate at a specified distance _____
Accuracy _____
Traceability to primary standard _____

- (2) The calibration procedures in Section I of Appendix D will be used
or
(3) The step-by-step procedures, including radiation safety procedures, are attached.

- c. By a consultant or outside firm

- (1) Name White Sands Missile Range
- (2) Location White Sands Missile Range, New Mexico
- (3) Procedures and sources :

X have been approved by NRC and are on file in License No. 30-12350-01

have been approved by an Agreement State; a copy of the Agreement State license, the procedures, and a description of the sources are attached, and the consultant's report will contain the information on

the attached "Certificate of Instrument Calibration,"
the consultant's reporting form as attached.

are described in the attachment, and the consultant's report will contain the information on

the attached "Certificate of Instrument Calibration,"
the consultant's reporting form as attached.