



UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES

ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE
4301 JONES BRIDGE ROAD
BETHESDA, MARYLAND 20814-4799
www.usuhs.edu



Br. 2

July 1, 2018

REC RG 1 07 30 19M0657

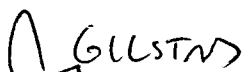
Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

SUBJECT: AMENDMENT REQUEST FOR NRC MATERIALS LICENSE 19-08330-02
DOCKET NO. 030-04545

This letter is to request that the NRC amends the subject license issued to AFRRI to reflect the appointment of LT Jeffrey A. Divis as Radiation Safety Officer (RSO) of License 19-08330-02 (Broad Scope). With the recommendation of the Radionuclide and X-Ray Safety Committee of AFRRI, I am appointing LT Divis to serve as RSO, pending NRC approval. LT Divis's training and experience is enclosed for your consideration.

LT Divis is a Radiation Health Officer in the Navy. He has 8 years of naval experience including as an instructor at Naval Nuclear Power School and as the Radiation Health Officer onboard the USS FRANK CABLE (AS-40).

Thank you for your prompt attention to this request. The AFRRI point of contact for this correspondence is LT Jeffrey A. Divis, RSO, at (301)-295-1285, email jeffrey.divis@usuhs.edu.


John Gilstad, MD
CAPT, MC, USN
Institute Director

ENCLOSURES: 1. NRC Form 313
2. LT Jeffrey A. Divis Training and Experience

Copy to: LT Jeffrey A. Divis

613742
NRC/RGNI MATERIALS-002

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

(07-2019)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40



APPLICATION FOR MATERIALS LICENSE

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 07/31/2019

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA,
GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE,
NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO,
RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN
ISLANDS, OR WEST VIRGINIA,

SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND
APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH
DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,
UTAH, WASHINGTON, OR WYOMING,

SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
- ☒ B. AMENDMENT TO LICENSE NUMBER 19-08330-02
- ☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)

Armed Forces Radiobiology Research Institute (AFRRI)
8901 Wisconsin Ave, Bldg 42
Bethesda, MD 20889-5603

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

8901 Wisconsin Ave, Bldg 42-48
Bethesda, MD 20889-5603

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

LT Jeffrey A. Divis

BUSINESS TELEPHONE NUMBER
(301) 295-1285

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS E-MAIL ADDRESS
jeffrey.divis@usuhs.edu

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

- a. Element and mass number; b. chemical and/or physical form; and c. maximum amount
which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

10. RADIATION SAFETY PROGRAM.

9. FACILITIES AND EQUIPMENT.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions*)
(See 10 CFR 170 and Section 170.31)

*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

FEE
CATEGORY

AMOUNT
ENCLOSED \$

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

JOHN GILSTAD, CAPT, USN
DIRECTOR, AFRRI

SIGNATURE

John Gilstad

DATE

1 July
2019

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	



DEPARTMENT OF THE NAVY
NAVY MEDICINE OPERATIONAL TRAINING CENTER
DETACHMENT, NAVAL UNDERSEA MEDICAL INSTITUTE
BOX 159, NAVAL SUBMARINE BASE NLON
GROTON, CONNECTICUT 06349-5159

IN REPLY REFER TO:

1610
Ser 00/111
29 Apr 16

PERFORMANCE INFORMATION MEMORANDUM

From: Officer in Charge, Navy Medicine Operational Training
Center Detachment, Naval Undersea Medical Institute,
Groton
To: Commanding Officer, USS Frank Cable (AS 40)
Subj: PERFORMANCE INFORMATION MEMORANDUM FOR LTJG JEFFREY A.
DIVIS, USN, XXX-XX-6450/2300

Ref: (a) BUPERSINST 1610.10D

1. Period of duty: 28 March 2016 - 29 April 2016
2. Type of Duty: TEMDU Under Instruction
3. Course Title: Radiation Health Officer Course
Course Identification Number: B-6H-0020
School Location: Naval Undersea Medical Institute, Naval
Submarine Base New London, Groton, CT 06349-5159
Course Length: 5 weeks
4. Comments: Instruction is designed to indoctrinate the
student in the basic concepts of Radiological Fundamentals,
Radiological Controls, Personnel Dosimetry, Radiation Health
Administration, Medical Surveillance, Personnel Training,
Casualty Response and Radiation Safety at Naval Medical
Facilities.

James Mucciarone
J. J. MUCCIARONE



DEPARTMENT OF THE NAVY
NAVY MEDICINE OPERATIONAL TRAINING CENTER
DETACHMENT, NAVAL UNDERSEA MEDICAL INSTITUTE
BOX 159, NAVAL SUBMARINE BASE NLON
GROTON, CONNECTICUT 06349-5159

IN REPLY REFER TO:

6470
Ser 00/110
29 Apr 16

From: Officer in Charge, Navy Medicine Operational Training
Center Detachment, Naval Undersea Medical Institute,
Groton

To: Commanding Officer, Navy and Marine Corps Public Health
Center, 620 John Paul Jones Circle, Suite 1100,
Portsmouth, VA 23708-2103

Subj: RADIATION SAFETY OFFICER TRAINING STATEMENT FOR LTJG
JEFFREY A. DIVIS, USN, XXX-XX-6450/2300

Ref: (a) 10 CFR 35.50
(b) NRC Form 313A (10-2002)

Encl: (1) Radiation Safety Training Statement

1. Per references (a) and (b), enclosure (1) fully documents the training received by LTJG Jeffrey A. Divis, USN, while at the Naval Undersea Medical Institute (NUMI), Groton, Connecticut. This training and experience was obtained by his successful completion of the Radiation Health Officer Course (B-6H-0020) under the supervision of LT David K. Lane, USN.

2. The point of contact regarding this matter is LT David Lane at DSN 694-6461 or commercial (860) 694-6461.

James J. Mucciaroni
J. J. MUCCIARONE

Copy to:
CO USS FRANK CABLE (AS 40)

Radiation Safety Officer Training Statement

1. Name of Individual

Jeffrey A. Divis, LTJG, USN

2. Proposed Authorization

Radiation Safety Officer

3. Applicable Training Requirements

10 CFR 35.50

4. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING

Description of Training	Location	Clock Hours	Dates of Training
Radiation Physics and Instrumentation	NUMI, Groton, CT.	13	28 Mar 2016 – 29 Apr 2016
Radiation Protection	NUMI, Groton, CT.	103.5	28 Mar 2016 – 29 Apr 2016
Mathematics Pertaining to the Use and Measurement of Radioactivity	NUMI, Groton, CT.	7	28 Mar 2016 – 29 Apr 2016
Radiation Biology	NUMI, Groton, CT.	9	28 Mar 2016 – 29 Apr 2016
Radiation Dosimetry	NUMI, Groton, CT.	24.5	28 Mar 2016 – 29 Apr 2016
Other:			

5. Remarks

A total of 157 hours of training in basic radiation protection and science was received during the Radiation Health Officer Course (B-6H-0020). The training indicated above was obtained under the supervision of LT David Lane, MSC, USN, Radiation Health Program Manager, Naval Undersea Medical Institute (NUMI), Groton, Connecticut.

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NAVPERS 1070/123 (REV 3-2009)

OFFICER SUMMARY RECORD

NAME				YG 12		DATE PROC: 190622	
DIVIS JEFFREY ANDREW							
SSN	FILE NO	DESIGNATOR	DATE OF BIRTH	AGE	PROF. SERV. DATE	FOR BOARD USE	
		2300					
HIGHEST FLAG	CAPT	CDR	LCDR	LT	LTJG	ENS	HIGHEST CWO
				161001	130916	110916	
PRESENT DUTY STATION				PRESENT BILLET			
AFRDBIOLRSCHINST				RAD SPEC			
EDUCATION				SERVICE SCHOOLS ATTENDED			
COLLEGE	DATE/LEVEL	MAJOR	LANG. PROF.	SUB-SPEC	COURSE: RAD HEALTH OFF DAMAGE CONTROL DATE/WEEKS: 1604 05 1111 00		
US CAROLI MISSOURI U	15 MASTER 11 BACH/1 PR	NUCL ENG NUCL ENG		1825P	COURSE: BASIC LDRSHP DATE/WEEKS: 1111 01		
					COURSE: ODS DATE/WEEKS: 1111 05		
ACTIVE DUTY BASE DATE	PREVIOUS MILITARY SERVICE	YEAR	MONTHS	HIGHEST RATE/GRADE	REMARKS		
111006							
		PERSONAL DECORATIONS					
		NAV ACHV 01					
SPECIAL QUALIFICATIONS							
1	RAD SPEC	7	13	19			
2	INST TECH	8	14	20			
3		9	15	21			
4		10	16	22			
5		11	17	23			
6		12	18	24			



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Uniformed Services University of the Health
Sciences
ATTN: John Gilstad, MD, CAPT MC, USN
Institute Director
8901 Wisconsin Avenue, Building 42, Room 3417
Bethesda, MD 20889-5603

Date

July 31, 2019

License Number(s)

19-08330-02

Mail Control Number(s)

613742

Licensing and/or Technical Reviewer or Branch

Commercial, Industrial, R&D, & Academic Branch

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 07/01/2019

The initial processing, which included an administrative review, has been performed.

☒ Amendment ☐ Termination ☐ New License ☐ Renewal

☒ There were no administrative omissions identified during our initial review.

☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

☐ Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

☐ The following administrative omissions have been identified:

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, or (610) 337-5239