

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
 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
 475 ALLENDALE ROAD
 KING OF PRUSSIA, PA 19406-1415

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

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, IOWA, 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
 611 RYAN PLAZA DRIVE, SUITE 400
 ARLINGTON, TX 76011-4005

03004545 / 03006931

RECEIVED
 REGION I
 2007 NOV 9 AM 11:13

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
19-08330-03

C. RENEWAL OF LICENSE NUMBER _____

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

**Uniformed Services University, Armed Forces
 Radiobiology Research Institute
 8901 Wisconsin Ave, Bethesda MD 20889-5603**

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

**8901 Wisconsin Ave
 Bethesda MD 20889-5603**

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

LTC Daniel S. Hamilton

TELEPHONE NUMBER

(301) 295-2723

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.

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

9. FACILITIES AND EQUIPMENT.

11. WASTE MANAGEMENT.

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

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

10. RADIATION SAFETY PROGRAM.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY	AMOUNT ENCLOSED	\$

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, 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
Patricia K. Lillis-Hearne, COL DTR

SIGNATURE  DATE **14 Nov 07**

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	
				141335 / 141336	



ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE
8901 WISCONSIN AVENUE
BETHESDA, MARYLAND 20889-5603



November 15, 2007

Nuclear Regulatory Commission Region I
475 Allendale Road
King of Prussia, PA 19406

Dear Sir or Ma'am,

This letter requests that the NRC amend AFRI licenses 19-08330-02 and 19-08330-03 to reflect the appointment of Lieutenant Matt D. Beery as our Radiation Safety Officer (RSO).

Our current RSO, Lieutenant Colonel Daniel S. Hamilton, is being assigned to another duty station. With recommendation of the Radiation Safety Committee, I have appointed Lieutenant Beery to serve as RSO, pending NRC approval. Lieutenant Beery's curriculum vitae (CV) is attached for your review.

Lieutenant Beery has over 5 years experience in radiation health and safety and use of radiation sources. For the past 5 years he has devoted full time to radiation safety administration including 3 years teaching radiation safety at the Radiological Affairs Support Office (RASO) and 2 years running the radiation safety program on board the USS EMORY S. LAND. During his time at these two locations he has worked with the calibration labs, industrial radiography shops, personnel dosimetry, environmental and area monitoring, and the Naval Nuclear Propulsion Program.

Thank you for your prompt attention to this request. If you have questions concerning this request, please call the Radiation Safety Office, Lieutenant Matt D. Beery, at (301) 295-1963 or e-mail, beery@afri.usuhs.mil.

Sincerely,

Patricia K. Lillis-Hearne, MD
Colonel, Medical Corps, U.S. Army
Director

Enclosure

1. CV for LT Matt D. Beery



ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE
8901 WISCONSIN AVENUE
BETHESDA, MARYLAND 20889-5603



November 15, 2007

MEMORANDUM FOR DISTRIBUTION A

Subject: AFRRI Radiation Safety Officer (RSO) and Radiation Safety Committee (RSC) Appointments

Reference: AFRRI Instruction 6055.8

Supersedes: AFRRI memo of 17 November 2006, same subject

Effective: 14 December 2007, pending NRC approval

Lieutenant Matt D. Beery, MSC, USN, is appointed to the position of Radiation Safety Officer and voting member of the Radiation Safety Committee and its two subcommittees, the Reactor and Radiation Facilities Safety Subcommittee (RRFSS) and the Radioisotope and X-Ray Safety Subcommittee (RXSS).

PATRICIA K. LILLIS-HEARNE
COL, MC, USA
Director

CURRICULUM VITAE

Matt D. Beery

Lieutenant, Medical Service Corps, United States Navy
(2007)

Office Address

Department of the Navy
AFRRI - MMO
Attn: LT Matt Beery
8901 Wisconsin Ave.
Bethesda, MD 20889-5603

Home Address

[REDACTED]

Current Telephone Number

[REDACTED]

Date and Place of Birth

[REDACTED]

Education

Organic Chemistry
Masters
Iowa State University, IA 1999

Chemistry
Bachelors
Iowa State University, IA 1996

Courses Taught:

May 2007 – Present

Instructor
Medical Effects of Ionizing Radiation Course
Armed Forces Radiobiology Research Institute
Bethesda, MD

June 2002 – November 2004

Instructor
Navy Radiation Safety Officer School
Radiological Affairs Support Office
Naval Weapons Station Yorktown, VA

Military Education and Training

2007

REAC/TS
Health Physics in Radiation Emergencies
Oak Ridge, TN

2007	REAC/TS Pre-Hospital Radiation Emergency Preparedness Oak Ridge, TN
2007	Medical Effects of Nuclear Weapons Armed Forces Radiobiology Research Institute Bethesda, MD
2007	IS-003 Radiological Emergency Management IS-301 Radiological Emergency Response IS-700 National Incident Management System Federal Emergency Management Agency – Online
2004	Qualification as Environmental Protection Manager Radiological Affairs Support Office Yorktown, VA
2004	Multi-Agency Radiation Survey and Site Investigational Manual U.S. EPA Las Vegas, NV
2004	Navy Radiographic Safety Training Course Radiological Affairs Support Office Yorktown, VA
2003	Applied Health Physics Course – 5 weeks Oak Ridge Associated Universities Oak Ridge, TN
2002	Differentiation Among NBC Casualties Navy Education and Training - Online
2002	Navy Health Physics Course Operational Health Physics Program- 5 weeks Naval Undersea Medical Institute Groton, CT
2002	Navy Radiation Safety Officer Course – 2 weeks Radiological Affairs Support Office Yorktown, VA

Professional Experience

May 2007 – Present

Military Medical Operation Health Physicist
AFRRI
Bethesda, MD

March 2005 – May 2007

Radiation Health Officer
USS EMORY S. LAND
La Maddelena, Italy

May 2002 – March 2005

Radiation Health Officer
Radiation Safety Instructor / Environmental
Protection Manager
Naval Weapons Station Yorktown
Yorktown, VA

Selected Military Awards

NMCOM (2), MUC, BTL”E” (2)

Professional Affiliations

Health Physics Society

November 9, 2007

Health Physics Training

Listed below is a snapshot of the training LT Beery has attended that supports his nomination as the Radiation Safety Officer (RSO) for the Armed Forces Radiobiology Research Institute (AFRRI).

Description of Training	Location of Training	Clock Hours	Dates of Training
Radiation Physics and Instrumentation	ORAU Health Physics Course, Oak Ridge TN	200	2003
	Radiation Health Officer Course, Groton CT	200	2002
Radiation Protection	ORAU Health Physics Course, Oak Ridge TN	200	2003
	Radiation Health Officer Course, Groton CT	200	2002
Mathematics Pertaining to the use and measurement of Radioactive Material	ORAU Health Physics Course, Oak Ridge TN	200	2003
	Radiation Health Officer Course, Groton CT	200	2002
Radiation Biology	ORAU Health Physics Course, Oak Ridge TN	200	2003
	Radiation Health Officer Course, Groton CT	200	2002
Radiation Dosimetry	ORAU Health Physics Course, Oak Ridge TN	200	2003
	Radiation Health Officer Course, Groton CT	200	2002
Shipping, receiving, and performing related radiation surveys	Radiological Affairs Support Office, Yorktown, VA		2002-2005
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Radiological Affairs Support Office, Yorktown, VA		2002-2005
Using administrative controls to avoid mistakes in	USS EMORY S. LAND		2005-2007

Encl (2)

administration of byproduct material			
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	USS EMORY S. LAND		2005-2007
Using emergency procedures to control byproduct material	USS EMORY S. LAND		2005-2007


MATT D. BEERY
LT, MSC, USN
Health Physicist

Encl (2)

06 November 2007

RSDL

MEMORANDUM FOR RECORD

Subject: COBALT 60 IRRADIATION FACILITY RADIATION SAFETY OFFICER
QUALIFICATIONS

1. This is to certify that LT MATT BEERY has met the qualifications to be the RSO for the Cobalt 60 Irradiation Facility.
2. LT BEERY has completed the minimum of 4 hours of on the job training (OJT) per training standard 8.2b(3)(b) of NRC License 19-08330-03. Scored a 90% on a 25 question written examination, scoring a 100% on the oral examination, testing his knowledge on safety operation and emergency procedures.
3. LT Beery has reviewed the 10 CFR 39 and NUREG-1345
4. LT Beery has over 5 years practical experience in this field and over 3 years experience as a Radiation Health Officer.



Mark Gee
LINAC/COBALT Division Chief

Encl ³ (4)

This is to acknowledge the receipt of your letter/application dated

11/14/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 19-08330-02 / 19-08330-03
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 141335/141336
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.