



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY MEDICAL DEPARTMENT ACTIVITY
1650 COCHRANE CIRCLE
FORT CARSON, CO 80913-4604

Radiation Safety Office

23 April 2013

U.S. Nuclear Regulatory Commission
Region IV, Nuclear Materials Licensing Section
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

RECEIVED

MAY - 1 2013

DNMS

SUBJECT: LICENSE AMENDMENT

This is a request to amend the Evans Army Community Hospital's Byproduct Materials License no. 05-26854-01. The Radiation Safety Officer will be changed to Sherry E. Kwasnik effective 15 July 2013. Please remove Jaime A. Purcell as the Radiation Safety Officer effective 15 June 2013.

The Radiation Safety Committee has reviewed Sherry E. Kwasnik's NRC FORM 313A(RSO) and accepted her as the new Radiation Safety Officer effective 15 July 2013.

Please feel free to contact the radiation safety office at (719) 526-7047 for additional information.

Sincerely,

THOMAS J. ROGERS
COL, MC
Deputy Commander for Clinical Services
Chair, Radiation Safety Committee

1 Encl
NRC FORM 313A (RSO)

Copy Furnished:
Commander, U.S. Army Public Health Command
Medicine, Attention: MCHB-TS-OHP, 5158 Blackhawk Road,
Aberdeen Proving Ground, MD 21010-5403

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

- ☐ A.3 Sensitive-Security Related
☐ A.7 Sensitive Internal
☐ Other: _____

Reviewer: AME Date: 05/14/13

14 580647



REPLY TO
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DEPARTMENT OF THE ARMY
U.S. ARMY MEDICAL DEPARTMENT ACTIVITY
1650 COCHRANE CIRCLE
FORT CARSON, CO 80913-4604

MCXE

23 April 2013

MEMORANDUM FOR LTC Tripp, Courtney T, USA MEDDAC, Fort Carson, CO 80913

SUBJECT: Delegation of Authority

1. Effective 15 June 2013, LTC Tripp, Courtney T., USA MEDDAC (W2P1AA) Fort Carson, CO 80913 is assigned the following duty.

Temporary Radiation Safety Officer active (TRSO)

2. Authority: 10CFR35.24, 10CFR35.50, 10CFR35.59, and DAPAM 385-24, 24 September 2011, The Army Radiation Safety Program.

3. Purpose: To maintain clinic responsibility of EACH's Radiation Safety Program under the Radiation Safety Officer.

4. Period: Until officially relieved or released from appointment within 60 calendar days per year from the effective date of the appointment.

5. Special Instructions: Be familiar with applicable regulations, federal laws and the duties and responsibilities of the RSO.


JOHN M. MCGRATH
COL, MC
Commanding

16 580647

Hill, Carol

From: Purcellcastro, Jaime A V CPT MIL USA
USAMEDCOM
[saint.antonio.purcellcastro@us.army.mil]
Sent: Tuesday, April 30, 2013 5:30 PM
To: Hill, Carol
Cc: danny.l.rice3.civ@mail.mil
Subject: Amendments (UNCLASSIFIED)
Attachments: Kwasnik nrc313a(rso).pdf; CPT Kwasnik and LTC
Tripp letters.pdf

UNCLASSIFIED
Hello

Mrs. Hill,

I'm including the next amendment on this message. Please contact me of any question that may arise.

Thank you

--

Sincerely;

Jaime A Purcell CPT, MS
EACH
"bis vincit qui se vincit in victoria"
off. 719 526 7047() (DSN 691)
UNCLASSIFIED

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION
[10 CFR 35.50]**APPROVED BY OMB: NO. 3150-0120
EXPIRES: 3/31/2012

Name of Proposed Radiation Safety Officer

Sherry Kwasnik

Requested Authorization(s) *The license authorizes the following medical uses (check all that apply):*

- ☒ 35.100 ☒ 35.200 ☒ 35.300 ☒ 35.400 ☒ 35.500 ☒ 35.600 (remote afterloader)
☐ 35.600 (teletherapy) ☐ 35.600 (gamma stereotactic radiosurgery) ☒ 35.1000 (Y-90 Microspher)

**PART I -- TRAINING AND EXPERIENCE
(Select one of the four methods below)**

*Training and Experience, including board certification, must have been obtained within the 7 years preceding the date of application or the individual must have obtained related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the uses checked above.

☐ **1. Board Certification**

- Provide a copy of the board certification.
- Use Table 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
- Skip to and complete Part II Preceptor Attestation.

OR☐ **2. Current Radiation Safety Officer Seeking Authorization to Be Recognized as a Radiation Safety Officer for the Additional Medical Uses Checked Above**

- Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for the additional types of medical use for which recognition as RSO is sought.
- Skip to and complete Part II Preceptor Attestation.

OR☒ **3. Structured Educational Program for Proposed Radiation Safety Officer**

- Classroom and Laboratory Training

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	Brooke Army Medical Center (BAMC)	40	Jan 11 - Apr 12
	Thomas Edison State College	48	Oct - Dec 04
	AMEDD Center and School N4 & X-ray Courses	94	Mar 05
Radiation protection	Brooke Army Medical Center (BAMC)	40	Jan 11 - Apr 12
	Thomas Edison State College	48	Jan - Mar 05
	AMEDD Center and School N4 & X-ray Courses	113	Mar 05
Mathematics pertaining to the use and measurement of radioactivity	BAMC & Illinois Institute of Technology	84	Jan 11 - Apr 12
	AMEDD Center and School N4 & X-ray Courses	54	Mar 05
Radiation biology	BAMC & Illinois Institute of Technology	68	Jan 11 - Apr 12
	AFRRI Medical Effects of Ionizing Radiation Cs	16	Feb 12
Radiation dosimetry	BAMC & Illinois Institute of Technology	48	Jan 11 - Apr 12
	Thomas Edison State College, USUHS, Ft Benning	50	Jul 04 - Aug 09
Total Hours of Training:		703.0	

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. **Structured Educational Program for Proposed Radiation Safety Officer** (continued)

b. Supervised Radiation Safety Experience

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Description of Experience	Location of Training/ License or Permit Number of Facility	Dates of Training*
Shipping, receiving, and performing related radiation surveys	Ft Benning, NRC License #10-06493-02 Uniformed Services Univ NRC License #19-23344-01 BAMC, NRC License # 42-01368-01	Jul 04 - Jan 07 Jan 07 - Aug 09 Jan 11 - Apr 12
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Ft Benning, NRC License #10-06493-02 BAMC, NRC License # 42-01368-01	Jul 04 - Jan 07 Jan 11 - Apr 12
Securing and controlling byproduct material	Uniformed Services University NRC License #19-23344-01 BAMC, NRC License # 42-01368-01	Jan 07 - Aug 09 Jan 11 - Apr 12
Using administrative controls to avoid mistakes in administration of byproduct material	BAMC, NRC License # 42-01368-01	Jan 11 - Apr 12
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	BAMC, NRC License # 42-01368-01	Jan 11 - Apr 12
Using emergency procedures to control byproduct material	BAMC, NRC License # 42-01368-01	Jan 11 - Apr 12
Disposing of byproduct material	Uniformed Services University NRC License #19-23344-01 BAMC, NRC License # 42-01368-01	Jan 07 - Aug 09 Jan 11 - Apr 12
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ 35.100, 35.200, 35.300, 35.400, 35.600. 35,1000 (Y-90 Microsphere Brachy)	Ft Benning, NRC License #10-06493-02 (parts 35.100, 35.200, 35.300 only) BAMC, NRC License # 42-01368-01	Jul 04 - Jan 07 Jan 11 - Apr 12

+ Choose all applicable sections of 10 CFR Part 35 to describe radioisotopes and quantities used: 35.100, 35.200, 35.300, 35.400, 35.500, 35.600 remote afterloader units, 35.600 teletherapy units, 35.600 gamma stereotactic radiosurgery units, emerging technologies (provide list of devices).

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**3. Structured Educational Program for Proposed Radiation Safety Officer (continued)****b. Supervised Radiation Safety Experience (continued)**

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Supervising Individual COL Mark W. Bower, CHP, PhD	License/Permit Number listing supervising individual as a Radiation Safety Officer NRC License #42-01368-01
This license authorizes the following medical uses:	
<input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300	<input checked="" type="checkbox"/> 35.400
<input checked="" type="checkbox"/> 35.500 <input checked="" type="checkbox"/> 35.600 (remote afterloader)	<input type="checkbox"/> 35.600 (teletherapy)
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	<input checked="" type="checkbox"/> 35.1000 (Y-90 Microspher)

c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.

Description of Training	Training Provided By	Dates of Training*
Radiation safety, regulatory issues, and emergency procedures for 35.100, 35.200, and 35.500 uses	COL Mark W. Bower, CHP, PhD, Command Radiation Safety Officer Southern Regional Medical Command and Brooke Army Medical	Jan 11 - Apr 12
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	COL Mark W. Bower, CHP, PhD, Command Radiation Safety Officer Southern Regional Medical Command and Brooke Army Medical	Jan 11 - Apr 12
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	COL Mark W. Bower, CHP, PhD, Command Radiation Safety Officer Southern Regional Medical Command and Brooke Army Medical	Jan 11 - Apr 12
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	N/A	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	COL Mark W. Bower, CHP, PhD, Command Radiation Safety Officer Southern Regional Medical Command and Brooke Army Medical	Jan 11 - Apr 12
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	N/A	
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	Y-90 microsphere brachytherapy COL Mark W. Bower, CHP, PhD, Radiation Safety Officer Brooke Army Medical Center	Feb 12 - Apr 12

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

- c. Training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license (continued)

Supervising Individual *If training was provided by supervising RSO, AU, AMP, or ANP. (If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.)*

COL Mark W. Bower, CHP, PhD

License/Permit Number listing supervising individual

NRC License #42-01368-01

License/Permit lists supervising individual as:

- ☒ Radiation Safety Officer ☐ Authorized User ☐ Authorized Nuclear Pharmacist
☐ Authorized Medical Physicist

Authorized as RSO, AU, ANP, or AMP for the following medical uses:

- ☒ 35.100 ☒ 35.200 ☒ 35.300 ☒ 35.400
☒ 35.500 ☒ 35.600 (remote afterloader) ☐ 35.600 (teletherapy)
☐ 35.600 (gamma stereotactic radiosurgery) ☒ 35.1000 (Y-90 Microspheres)

- d. Skip to and complete Part II Preceptor Attestation.

OR

☐ **4. Authorized User, Authorized Medical Physicist, or Authorized Nuclear Pharmacist identified on the licensee's license**

- a. Provide license number.
b. Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
c. Skip to and complete Part II Preceptor Attestation.

PART II – PRECEPTOR ATTESTATION

Note: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

First Section

Check one of the following:

☐ **1. Board Certification**

☐ I attest that _____ has satisfactorily completed the requirements in

Name of Proposed Radiation Safety Officer

10 CFR 35.50(a)(1)(i) and (a)(1)(ii); or 35.50 (a)(2)(i) and (a)(2)(ii); or 35.50(c)(1).

OR

☒ **2. Structured Educational Program for Proposed Radiation Safety Officers**

☒ I attest that Sherry E. Kwasnik has satisfactorily completed a structural educational

Name of Proposed Radiation Safety Officer

program consisting of both 200 hours of classroom and laboratory training and one year of full-time radiation safety experience as required by 10 CFR 35.50(b)(1).

OR

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

Preceptor Attestation (continued)

First Section (continued)

Check one of the following:

☐ **3. Additional Authorization as Radiation Safety Officer**

☐ I attest that _____ is an
Name of Proposed Radiation Safety Officer

☐ Authorized User

☐ Authorized Nuclear Pharmacist

☐ Authorized Medical Physicist

identified on the Licensees license and has experience with the radiation safety aspects of similar type of use of byproduct material for which the individual has Radiation Safety Officer responsibilities

AND

Second Section

Complete for all (check all that apply):

☒ I attest that Sherry E. Kwasnik has training in the radiation safety, regulatory issues, and
Name of Proposed Radiation Safety Officer

emergency procedures for the following types of use:

☒ 35.100

☒ 35.200

☒ 35.300 oral administration of less than or equal to 33 millicuries of sodium iodide I-131, for which a written directive is required

☒ 35.300 oral administration of greater than 33 millicuries of sodium iodide I-131

☐ 35.300 parenteral administration of any beta-emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required

☐ 35.300 parenteral administration of any other radionuclide for which a written directive is required

☐ 35.400

☐ 35.500

☒ 35.600 remote afterloader units

☐ 35.600 teletherapy units

☐ 35.600 gamma stereotactic radiosurgery units

☒ 35.1000 emerging technologies, including:
Y-90 Microsphere Brachytherapy

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

AND


Third Section
Complete for ALL

☒ I attest that Sherry E. Kwasnik has achieved a level of radiation safety knowledge
Name of Proposed Radiation Safety Officer
sufficient to function independently as a Radiation Safety Officer for a medical use licensee.

Fourth Section
Complete the following for Preceptor Attestation and signature

I am the Radiation Safety Officer for Brooke Army Medical Center
Name of Facility

License/Permit Number: 42-01368-01

Name of Preceptor	Signature	Telephone Number	Date
Mark W. Bower, CHP, PhD		(210) 295-2411	05/01/2012

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM WBL

Program Code: 02120
Status Code: Pending Amendment
Fee Category: 7C
Exp. Date:
Fee Comments: ARMY 170.11(A)(5)
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ARMY, DEPARTMENT OF THE
Received Date: 05/01/2013
Docket Number: 3029534
Mail Control Number: 580647
License Number: 05-26854-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed:

Colleen Murnahan

Date:

5-10-2013

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____



DATE

05/13/2013

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Evans Army Community Hospital
ATTN: Sherry E. Kwasnik
Radiation Safety Officer (proposed)
1650 Cochrane Circle
Fort Carson, CO 80913-4604

LICENSE NUMBER

05-26854-01

MAIL CONTROL NUMBER

580647

LICENSING AND/OR TECHNICAL REVIEWER

cmurnahan

cm

This is to acknowledge the receipt of your:

☒ LETTER and/or ☐ APPLICATION

DATED: 04/23/2013

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 fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

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 IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Blvd.
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140