

REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
HEADQUARTERS, US ARMY MEDICAL DEPARTMENT ACTIVITY
289 IRELAND AVENUE
FORT KNOX, KENTUCKY 40121-5111

0301748

Br. 1

MCXM-PM

1 June 2012

MEMORANDUM THRU Commander, Walter Reed National Medical Center Bethesda, Chief,
Radiation Safety (COL Cashmere Taylor), 8901 Wisconsin Avenue, Bldg. 8, 5th floor, Bethesda,
MD 20889-5603

FOR US Nuclear Regulatory Commission, Division of Nuclear Materials Safety, Region I 475
Allendale Road, King of Prussia, PA 19406

SUBJECT: NRC License Amendment – Request for New RSO

1. This is to notify the NRC that Ireland Army Community Hospital's (IACH) Radiation Safety Committee (RSC) has approved CPT Bradley S. Ellis, as the Radiation Safety Officer (RSO). Our RSC approval memorandum, CPT Ellis's NRC FORM 313A (RSO), and applicable documentation are enclosed with this memorandum.
2. CPT Ellis has been working under the supervision of CPT Sarah Sublett, the named RSO under IACH's NRC License # 16-03657-01, IAW with 10 CFR Part 35.25, since June of 2011.
3. We request the replacement of CPT Sublett with CPT Ellis as the named RSO on our license effective 01 July 2012. This request is being made because CPT Sublett is relocating to Colorado on or about 04 July 2012.
4. The point of contact for this memorandum is CPT Sarah Sublett at (502) 624-0589 or sarah.sublett@us.army.mil.

- 2 Encls
1. RSC Approval
 2. NRC 313A (Preceptor Statement and supporting documents)

CORNELIUS MAHER
COL, MC
Commanding

577701

NMSS/RGN1 MATERIALS-002



DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY MEDICAL DEPARTMENT ACTIVITY
FORT KNOX, KENTUCKY 40121-5520



MCXM-CDR

14 May 2012

MEMORANDUM FOR Radiation Safety Committee

SUBJECT: RSC Approval of CPT Bradley S. Ellis as the Radiation Safety Officer on IACH's NRC License (16-03657-01)

0301748

1. Request to change the Radiation Safety Officer from CPT Sarah Sublett to CPT Bradley S. Ellis. Pending a near future permanent change of station (PCS) move, the current RSO, CPT Sublett will no longer be at this facility as of 01 July 2012. I am requesting that you name CPT Ellis as the RSO on the license effective 01 July 2012. He has been under the preceptorship of CPT Sublett at Ireland Army Community Hospital (License # 16-03657-01) since July of 2011 and meets the requirements to fill the RSO position at this facility as outlined in 10 CFR 35.50. A copy of his US NRC Form 313A (RSO) Preceptor Statement is enclosed as supporting documentation.

2. Please indicate your approval or disapproval by signing in the appropriate column below:

	Approval	Disapproval
LTC Albright, DCCS, RSC Chairperson		
COL Reilly, Chief, NMS and Radiology		
MAJ Wiles, Chief, Preventive Medicine		
MAJ Jenkinson, Jack, Chief, Nursing Administration		
CPT Sublett, Health Physics/RSO		

3. Upon RSC approval, an amendment request will be submitted to the US Nuclear Regulatory Commission.

4. POC for this memorandum is CPT Bradley Ellis at (502)624-0589.

CORNELIUS MAHER
COL, MC
Commanding

NRC FORM 313A (RSO)
(3-2009)

U.S. NUCLEAR REGULATORY COMMISSION

**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

Bradley S. Ellis

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 ()

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**

- a. Provide a copy of the board certification.
- b. Use Table 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.

OR

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

- a. 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.
- b. Skip to and complete Part II Preceptor Attestation.

OR

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

a. Classroom and Laboratory Training

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	See Attached	75.5	See Attached
Radiation protection	See Attached	64.5	See Attached
Mathematics pertaining to the use and measurement of radioactivity	See Attached	43	See Attached
Radiation biology	See Attached	20.5	See Attached
Radiation dosimetry	See Attached	9.5	See Attached
Total Hours of Training:		213.0	

NRC FORM 313A (RSO)
(3.2009)

U.S. NUCLEAR REGULATORY COMMISSION

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	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012
Securing and controlling byproduct material	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012
Using administrative controls to avoid mistakes in administration of byproduct material	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012
Using emergency procedures to control byproduct material	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012
Disposing of byproduct material	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ _____ _____ _____	Ireland Army Community Hospital Fort Knox, KY 16-03657-01	June 2011 - June 2012

* Choose all applicable sections of 10 CFR Part 35 to describe radionuclides 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).

NRC FORM 313A (RSO)
(3-2009)

U.S. NUCLEAR REGULATORY COMMISSION

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 Sarah M. Sublett	License/Permit Number listing supervising individual as a Radiation Safety Officer 16-03657-01
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 type="checkbox"/> 35.400	
<input checked="" type="checkbox"/> 35.500 <input type="checkbox"/> 35.600 (remote afterloader) <input type="checkbox"/> 35.600 (teletherapy)	
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery) <input type="checkbox"/> 35.1000 ()	

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	Sarah M. Sublett	June 2011 - June 2012
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Sarah M. Sublett	June 2011 - June 2012
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	Not Covered	N/A
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	Not Covered	N/A
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	Not Covered	N/A
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	Not Covered	N/A
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	Not Covered	N/A

NRC FORM 313A (RSO)
(3-2009)

U.S. NUCLEAR REGULATORY COMMISSION

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.)

Sarah M. Sublett

License/Permit Number listing supervising individual

16-03657-01

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 ()

- 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 **Bradley S. Ellis** 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

NRC FORM 313A (RSO)
(3-2009)

U.S. NUCLEAR REGULATORY COMMISSION

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 Bradley S. Ellis 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:

NRC FORM 313A (RSO)
(3-2009)

U.S. NUCLEAR REGULATORY COMMISSION

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

AND

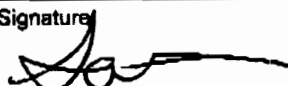
Third Section
Complete for ALL

☒ I attest that Bradley S. Ellis 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 Ireland Army Community Hospital
Name of Facility

License/Permit Number: 16-03657-01

Name of Preceptor Sarah M. Sublett	Signature 	Telephone Number (502) 624-0589	Date 06/01/2012
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NRC FORM 313A (RSO)
Bradley S. Ellis

Structured Educational Program for Proposed Radiation Safety Officer
Attachment

Description of Training	Location of Training	Clock Hours	Dates of Training
Radiation physics and instrumentation	USACBRNS*, Ft. Leonard Wood, MO	17.5	Jun 2011
	Y-12 NSC** Oak Ridge, TN	20.5	Aug 2011
	MEIR*** Ft Knox, KY	1	Feb 2012
	AMEDD C&S****, Ft Sam Houston, TX	36.5	Apr 2012
Radiation protection	USACBRNS*, Ft. Leonard Wood, MO	44.5	Jun 2011
	Y-12 NSC** Oak Ridge, TN	12	Aug 2011
	MEIR*** Ft Knox, KY	2	Feb 2012
	AMEDD C&S****, Ft Sam Houston, TX	6	Apr 2012
Mathematics pertaining to the use and measurement of radioactivity	USACBRNS*, Ft. Leonard Wood, MO	11	Jun 2011
	Y-12 NSC** Oak Ridge, TN	14.5	Aug 2011
	MEIR*** Ft Knox, KY	.5	Feb 2012
	AMEDD C&S****, Ft Sam Houston, TX	17	Apr 2012
Radiation biology	USACBRNS*, Ft. Leonard Wood, MO	2	Jun 2011
	Y-12 NSC** Oak Ridge, TN	6.5	Aug 2011
	MEIR*** Ft Knox, KY	11	Feb 2012
	AMEDD C&S****, Ft Sam Houston, TX	1	Apr 2012
Radiation dosimetry	USACBRNS*, Ft. Leonard Wood, MO	7	Jun 2011
	Y-12 NSC** Oak Ridge, TN	1	Aug 2011
	MEIR*** Ft Knox, KY	.5	Feb 2012
	AMEDD C&S****, Ft Sam Houston, TX	1	Apr 2012
Total Hours of Training:		213	

*USACBRNS (U.S. Army Chemical, Biological, Radiological & Nuclear School)

** NSC (National Security Complex)

***MEIR (Medical Effects of Ionizing Radiation)

****AMEDD C&S (U.S. Army Medical Department Center & School)

Memorandum

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

6/11/12, and to inform you that the initial processing which includes an administrative review has been performed.

☒ *Amendment (16-03657-01)* 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** 577701.

When calling to inquire about this action, please refer to this control number.

You may call us on (610) 337-5398, or 337-5260.