

**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

Andrew L. Scott, MS

09-01738-02  
03001317Requested 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**

- 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**

## a. Classroom and Laboratory Training

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	University of Pittsburgh Clemson University	400 300	Sep 93 - Aug 96 Aug 03 - Aug 06
Radiation protection	University of Pittsburgh	400	Sep 93 - Aug 96
Mathematics pertaining to the use and measurement of radioactivity	University of Pittsburgh	100	Sep 93 - Aug 96
Radiation biology	University of Pittsburgh	300	Sep 93 - Aug 96
Radiation dosimetry	University of Pittsburgh * See attached for continuing education and training	200	Sep 93 - Aug 96
Total Hours of Training:		1,700.0	

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NMSS/RG1 MATERIALS-002

**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	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present
Securing and controlling byproduct material	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present
Using administrative controls to avoid mistakes in administration of byproduct material	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present
Using emergency procedures to control byproduct material	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present
Disposing of byproduct material	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ 35.100, 35.200, 35.300, 35.400 _____ _____ _____	Walter Reed Army Medical Center 08-01738-02	Sep 06-Present

\* 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  <b>COL Mark A. Melanson</b>	License/Permit Number listing supervising individual as a Radiation Safety Officer  <b>08-01738-02</b>
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 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	COL Mark A. Melanson (Does not include 35.500 uses)	Sep 06-Present
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	COL Mark A. Melanson	Sep 06-Present
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	COL Mark A. Melanson	Sep 06-Present
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses		
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):		

**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 A. Melanson

License/Permit Number listing supervising individual

08-01738-02

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 **Andrew L. Scott, MS** 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 Andrew L. Scott, MS 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:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

AND


Third Section  
Complete for ALL

☒ I attest that Andrew Lee Scott, MS 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 Walter Reed Army Medical Center  
Name of Facility

License/Permit Number: 08-01738-02

Name of Preceptor	Signature	Telephone Number	Date
COL Mark A. Melanson		(202) 356-0060	05/13/2010

In support of the NRC form 313 for Andrew L. Scott

### **Continuing Education and Training-**

Force Health Protection Conference- Nuclear Medical Science Officer Track, Louisville, KY, 7-12 Aug 2005 (48 hrs)

Participated in Vigilant Shield 07 Nuclear Weapons Accident Exercise with the Radiological Advisory Medical Team, Davis-Monthan AFB, Tucson, AZ, 4-7 Dec 2006 (45 hrs)

17<sup>th</sup> Annual National Emergency Preparedness Conference, Newport Beach, CA, 30 Apr – 3 May 2007 (28 hrs)

Force Health Protection Conference- Nuclear Medical Science Officer Track, Louisville, KY, 4-10 Aug 2007 (48 hrs)

Appointed Radiation Safety Officer for the Iraq Theater of Operations, Baghdad, Iraq, Sep 2008 – Jun 2009 (included dosimetry, x-ray survey, shipping and receiving RAM, oversight of industrial radiography operations, additional radiation safety tasks as they present)

Force Health Protection Conference- Nuclear Medical Science Officer Track, Albuquerque, NM, 15-21 Aug 2009 (48 hrs)

Health Physics Society Mid-Year Meeting, Albuquerque, NM, 24-28 Jan 2010 (27 hrs)

### **On-going Experience-**

From Sep 2006 – Present, I have performed the following:

- at least 30 radiation dose assessments in support of research protocols
- at least 15 shielding evaluations for x-ray installations
- one linear accelerator shielding design
- supervised over 1000 radioactive materials room surveys
- health physics support of more than 30 I-131 thyroid ablation therapies
- health physics support of 6 Pd-103 prostate therapies
- health physics support of 6 Cs-137 therapies for ovarian and uterine cancer