



DEPARTMENT OF THE ARMY
HEADQUARTERS, USA MEDICAL DEPARTMENT ACTIVITY
126 MISSOURI AVENUE
FORT LEONARD WOOD, MISSOURI 65473-8952

REPLY TO
ATTENTION OF

MCXP-PM-RP

27 September 2013

Health Physics Service

U.S. Nuclear Regulatory Commission, Region III
Nuclear Materials Licensing Section
801 Warrenville Road
Lisle, Illinois 60532-4351

Dear Sir or Madam:

Request that NRC License 24-15095-01 be amended with the following changes: Add 1LT Timothy James as the Radiation Safety Officer under 10 CFR 35, sections 35.100, 35.200, and 35.300. 1LT James' NRC form 313A RSO is enclosed. 1LT Timothy James will replace MAJ Theresa McDonald who is the current RSO for this license. This was approved by the facility's Radiation Control Committee.

Request that the above amendment to the license have an effective date of 10 December 2013. This will allow both the RSO's, 1LT James and MAJ McDonald, to properly exchange RSO duties on site. Appointment orders/assumption of responsibility as RSO will be signed by the hospital commander once 1LT James arrives and then submitted to the NRC prior to 10 Dec 2013.

Point of contact for this action is MAJ Theresa McDonald, Radiation Safety Officer, commercial phone (573) 596-0131 ext 69879.

Sincerely,

Marie A. Dominguez, MD
Colonel, U.S. Army
Hospital Commander

Enclosure

RECEIVED OCT 07 2013

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION
[10 CFR 35.50]**APPROVED BY OMB: NO. 3150-0120
EXPIRES: (05/31/2015)

Name of Proposed Radiation Safety Officer

1LT Timothy E. James

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	Oak Ridge Institute of Science and Education Medical X-ray Survey Techniques	77 60	Sep-Oct 12 16-27 Apr 12
Radiation protection	Oak Ridge Institute of Science and Education	21	Sep-Oct 12
Mathematics pertaining to the use and measurement of radioactivity	Oak Ridge Institute of Science and Education Medical X-ray Survey Techniques	25 20	Sep-Oct 12 16-27 Apr 12
Radiation biology	Oak Ridge Institute of Science and Education Medical Effects of Ionizing Radiation	42 20	Sep-Oct 12 14-16 Aug 12
Radiation dosimetry	Oak Ridge Institute of Science and Education	35	Sep-Oct 12
Total Hours of Training:		300	

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	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David Phillips Rad Commodity Identification and Transport Course International Air Transport Association Course (IATA)	Nov 11-Sep 13 21-23 May 13 29 May 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	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
Securing and controlling byproduct material	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
Using administrative controls to avoid mistakes in administration of byproduct material	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips Multi-Agency Rad Survey and Site Invest (MARSSIM)	Nov 11-Sep 13 July-Aug 12
Using emergency procedures to control byproduct material	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
Disposing of byproduct material	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ <div>35.100, 35.200, 35.300</div>	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13

* 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	License/Permit Number listing supervising individual as a Radiation Safety Officer		
LTC David J. Phillips, PhD	NRC License No. 46-02645-03		
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	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	Madigan Army Medical Center, Ft. Lewis, WA License No. 46-02645-03, RSO: LTC David J. Phillips	Nov 11-Sep 13
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):		

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

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

License/Permit Number listing supervising individual

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

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

OR

- Provide license number.
- 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.
- Skip to and complete 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.

Check one of the following:

☐ I attest that _____ has satisfactorily completed the requirements in _____

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

☒ I attest that ILT Timothy E. James has satisfactorily completed a structural educational

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 ILT Timothy E. James 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 ILT Timothy E. James 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 Madigan Army Medical Center, Joint Base Lewis-McChord, Tacoma, WA
Name of Facility

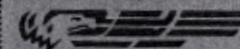
License/Permit Number: NRC License No. 46-02645-03

Name of Preceptor LTC David J. Phillips, PhD	Signature 	Telephone Number (253) 968-4300	Date 11 SEP 13
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COMMANDER
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OFFICIAL BUSINESS



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U.S. NUCLEAR REGULATORY COMMISSION

Region III
DNMS Materials Licensing Branch
2443 Warrenville Road
Lisle, Illinois 60532-4352

