



REPLY TO
ATTENTION OF

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

MCXP-PM-RP

26 January 2009

TO: Nuclear Regulatory Commission (NRC), Region III

Reference: Materials License Number 24-15095-01

Attn: Materials Licensing Branch, (630) 515-1078

C/o: Loren Hueter and/or Toye Simmons

From: CPT Kevin S. Mattern
126 Missouri Avenue
ATTN: MCXP-PM-RP
Room 70, Box 1232
Fort Leonard Wood, MO 65473
(573) 329-1907 (office)
(573) 201-4338 (mobile)
(573) 329-8722 (fax)
kevin.mattern@amedd.army.mil



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MEMORANDUM FOR U.S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, Illinois 60532-4351

SUBJECT: Request for Amendment for Nuclear Regulatory Commission License Number 24-15095-01

1. Request amendment of subject license as follows: Add CPT Shannon Malloy as the Radiation Safety Officer under 10 CFR 35, sections 35.100, 35.200, and 35.300. CPT Shannon Malloy's form NRC 313A RSO is enclosed. CPT Shannon Malloy is added in place of CPT Kevin Mattern who will be removed as RSO to make room for CPT Shannon Malloy as the new RSO. CPT Kevin Mattern will be departing the facility and organization shortly and should be removed from the license upon CPT Shannon Malloy assuming RSO duty.
2. Request additional amendment of subject license as follows: Remove Dr. Matthew Hrastich as an authorized user under 10 CFR 35, section 100 and 200. He will soon be departing this facility and this organization and thus his name should be removed from the license.
3. Request that the above amendments to the license have an effective date of 25 MAY 2009. This will allow the both RSO's, CPT Mattern and CPT Malloy, to properly exchange RSO duties on site.
4. The point of contact for additional information is the undersigned at (573) 329-1907.

KEVIN MATTERN
CPT, MS
CHIEF, RADIATION PROTECTION

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION**
[10 CFR 35.50]

APPROVED BY OMB: NO. 3150-0120
EXPIRES: 10/31/2008

Name of Proposed Radiation Safety Officer

Shannon J. Malloy

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	Applied Health Physics Course, Oak Ridge Associated Universities (ORAU), Oak Ridge, TN	131	24 March 2008-25 April 2008
Radiation protection	U.S. Army Center for Health Promotion and Preventive Medicine Radiation Safety Officer Course, Ft. Lewis, WA	40	27-31 August 2007
Mathematics pertaining to the use and measurement of radioactivity	Applied Health Physics Course, Oak Ridge Associated Universities, Oak Ridge, TN	5	24 March 2008-25 April 2008
Radiation biology	Medical Effects of Ionizing Radiation Course, Ft. Lewis, WA	16	16-17 August 2007
Radiation dosimetry	Applied Health Physics Course, ORAU	4	11 April 2008
	Applied Health Physics Course, Oak Ridge Associated Universities, Oak Ridge, TN	10	24 March 2008-25 April 2008
Total Hours of Training:		206.0	

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	Madigan Army Medical Center Ft. Lewis, WA License #46-02645-03	April 2007- 17 October 2008
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Same As Above	Same As Above
Securing and controlling byproduct material	Same As Above	Same As Above
Using administrative controls to avoid mistakes in administration of byproduct material	Same As Above	Same As Above
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Same As Above	Same As Above
Using emergency procedures to control byproduct material	Same As Above	Same As Above
Disposing of byproduct material	Same As Above	Same As Above
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ 35.100, 35.200, 35.300, 35.400, 35.500	Same As Above	Same As Above

* 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).

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 Joshua M. Sperry	License/Permit Number listing supervising individual as a Radiation Safety Officer 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 checked="" type="checkbox"/> 35.500	<input type="checkbox"/> 35.600 (remote afterloader)
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	<input type="checkbox"/> 35.600 (teletherapy)
	<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	Danny L. Rice	April 2007-17 October 2008
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Same As Above	Same As Above
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	Same As Above	Same As Above
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	Not Covered	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	Not Covered	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	Not Covered	
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	Not Covered	

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 Licensee's 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 Shannon J. Malloy 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

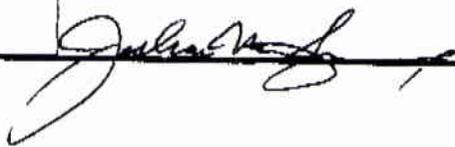
**Third Section
Complete for ALL**

I attest that Shannon J. Malloy 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
Name of Facility

License/Permit Number: 46-02645-03

Name of Preceptor	Signature	Telephone Number	Date
Joshua M. Sperry		(253) 968-4300	10/17/2008