



June 9, 2015

Ms. Colleen Casey  
U. S. Nuclear Regulatory Commission  
Region III  
Materials Licensing Branch  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532

**NRC License # 24-01090-03: Request to amend license to change RSO from Duane Myers, MD to Samuel Rhoades, Ph.D. with needed documentation to include 35.300 category.**

Dear Colleen:

On June 3, 2015 we had a telephone conversation where you informed Mercy of our deficiency in documentation for Dr. Samuel Rhoades, Ph.D. to become the RSO at Mercy Hospital Joplin as requested in our last amendment request.

Thank you for your patience and guidance directing us to the appropriate forms and the most expedient way to rectify the problem. It is appreciated by all of here at Mercy.

Attached are the requested documents attesting to the training of Dr. Rhoades by Dr. Myers.

If you have any questions regarding this, please contact me directly at (417) 556-2937 or by email, at your convenience.

Sincerely,

A handwritten signature in cursive script that reads "Whit Sanders".  

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Whit Sanders, Director of Cancer Services

**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

Samuel Rhoades, PhD

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			
Radiation protection			
Mathematics pertaining to the use and measurement of radioactivity			
Radiation biology			
Radiation dosimetry			
Total Hours of Training: <input type="text"/>			



**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

This license authorizes 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 (                      )

**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		
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Duane Myers, MD	6/8/15
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses		
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)**

**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 Samuel Rhoades, PhD 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 Samuel Rhoades, PhD 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

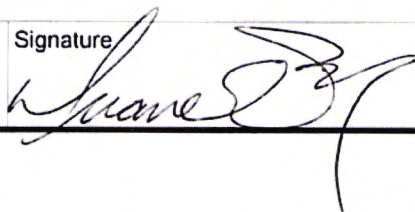
I am the Radiation Safety Officer for Mercy Hospital Joplin  
Name of Facility

License/Permit Number: 24-01090-03

Name of Preceptor

Duane Myers, MD

Signature



Telephone Number

4175562839

Date

6/9/15

## Casey, Colleen

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**From:** Sanders, Whit <Jonathan.Sanders@Mercy.Net>  
**Sent:** Tuesday, June 09, 2015 6:46 PM  
**To:** Casey, Colleen  
**Cc:** Sanders, Whit; Rhoades, Samuel J  
**Subject:** Mercy Joplin RAM license amendment for RSO change  
**Attachments:** image2015-06-09-190557.pdf; image2015-06-09-171026.pdf

Colleen,

First let me thank you for allowing us to provide the needed documentation to transition Dr Rhoades to RSO on our license. It is very much appreciated.

Please find attached the documents requested to allow the change in RSO to occur.

- 1) The attestation document from Duane Myers, MD for part 35.300 for Dr. Rhoades
- 2) The letter from me as the administrator requesting the amendment be completed

If there is anything else that you need from our facility please do not hesitate to contact me directly either by email, phone or at my mobile number – all of them are in my signature block.

Again thank you for your patience and assistance.

Whit

### PLEASE NOTE NEW PHONE NUMBERS

**Whit Sanders, MBA, RTT**  
Director Cancer Services, Nuclear Medicine,  
Cancer Registry & Research  
Mercy Hospital Joplin  
100 Mercy Way | Joplin, MO. 64804  
Office: 417-556-2937 | Mobile: 417-437-2337  
[whit.sanders@mercy.net](mailto:whit.sanders@mercy.net)

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**From:** Casey, Colleen [<mailto:Colleen.Casey@nrc.gov>]  
**Sent:** Wednesday, June 03, 2015 4:33 PM  
**To:** Sanders, Whit  
**Subject:** Test message; signature block

Dear Mr. Sanders,

Here is all the information you might need to respond to the deficiency on Dr. Rhoades. Thanks very much for your time today.

Please call me "Colleen." Thanks.

*Colleen*

Colleen Carol Casey  
Materials Licensing Reviewer  
U.S. Nuclear Regulatory Commission  
Region III

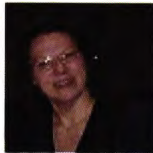
2443 Warrenville Road  
Suite 210  
Lisle, IL 60532-4352  
(630) 829-9841 Direct  
(630) 515-1078 Fax  
NRC 24 HR Operations Center  
(301) 816-5100

Gentle Reminders: Unless previously arranged with or requested by me directly, please do not submit any licensing requests, responses or correspondence via e-mail. Please only submit one complete, signed copy of your correspondence to us. Please prepare your licensing requests in accordance with NUREG 1556 Series Guidance, as appropriate. Thank you very much!

Please also note that my full-time work schedule includes every other Friday off.

Ensuring the health and safety of  
our people, our nation and  
our environment

<http://www.nrc.gov/>



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