



Excelsior Springs Hospital
Radiology Department Fax Cover

To: Dennis O'Dood

Fax Number: 1-630-829-9782

From: Scott R. Sutherland

Department: Radiology Director

Number of pages, including cover 8

Comments: _____

Confidential communication. If you receive this fax in error, please destroy and call the

Excelsior Springs Hospital Radiology Department 816-629-3632. Thank you.

Scott R. Sutherland, Director of Radiology



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Date: February 11, 2013

To: Michaelle Gamble, CNMT

Radiation Safety Officer

From: Sally Nance

Administrator

You, Michaelle Gamble, CNMT, have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions, stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety. You are required to notify management if staff do not cooperate and do not address radiation safety issues. In addition, you are free to raise issues with the Nuclear Regulatory Commission at any time.

I accept the above responsibilities,

Michaelle Gamble, CNMT

Radiation Safety Officer

2-11-13

Date

Sally Nance, Administrator

Excelsior Springs Hospital

2-19-13

Date

NRC FORM 313A (R30) (10-2008)	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3160-0120 EXPIRES: 10/31/2008
RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.50]		
Name of Proposed Radiation Safety Officer Michaelle A. Gamble, CNMT		
Requested Authorization(s) The license authorizes the following medical uses (check all that apply): <input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input 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 ()		
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.		
<input type="checkbox"/> 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		
<input type="checkbox"/> 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		
<input checked="" type="checkbox"/> 3. Structured Educational Program for Proposed Radiation Safety Officer a. Classroom and Laboratory Training		
Description of Training	Location of Training	Clock Hours
Radiation physics and instrumentation	Research Medical Center-School of Nuclear Medicine Technology	88
	Radiation Safety Academy	5
Radiation protection	Research Medical Center	16
	Radiation Safety Academy	16
Mathematics pertaining to the use and measurement of radioactivity	Research Medical Center	24
	Radiation Safety Academy	3
Chemistry of byproduct material for medical use	Research Medical Center	64
Radiation biology	Research Medical Center	16
	Radiation Safety Academy	2
Total Hours of Training:		234

NRC FORM 313A (R50)
(10-2008)

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	Research Medical Center- School of Nuclear Medicine Technology License # 24-18625-01	Sept. 2004- Aug. 2005
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Research Medical Center- School of Nuclear Medicine Technology License # 24-18625-01	Sept. 2004- Aug. 2005
Securing and controlling byproduct material	Research Medical Center- School of Nuclear Medicine Technology License #24-18625-01	Sept. 2004- Aug. 2005
Using administrative controls to avoid mistakes in administration of byproduct material	Research Medical Center- School of Nuclear Medicine Technology License #24-18625-01	Sept. 2004- Aug. 2005
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Research Medical Center- School of Nuclear Medicine Technology License # 24-18625-01	Sept. 2004- Aug. 2005
Using emergency procedures to control byproduct material	Research Medical Center- School of Nuclear Medicine Technology License # 24-18625-01	Sept. 2004- Aug. 2005
Disposing of byproduct material	Research Medical Center- School of Nuclear Medicine Technology License # 24-18625	Sept. 2004- Aug. 2005
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ Tc99m-as needed I-131-as needed Sealed Sources for Quality Control (Cs-137, Co-57, Ba-133)	Research Medical Center- School of Nuclear Medicine Technology License # 24-18625-01	Sept. 2004- Aug. 2005

* 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 (R30)
(10-2006)

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	License/Permit Number listing supervising individual as a Radiation Safety Officer
John E. Scott, M.D.	24-18279-01
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 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	Assisting and attending Dr. Scott Reviewing policies and procedures	Nov. 2007- Dec. 2008
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Reviewing procedures Discussing previous issues and resolutions	Nov. 2007- Dec. 2008
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	N/A	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	N/A	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	N/A	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	N/A	
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	N/A	

NRC FORM 313A (RSO)
(10-2006)

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.)

License/Permit Number listing supervising individual

John E. Scott, M.D.

24-18279-01

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 Michaelle A. Gamble, CNMT 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 (RSC)
(10-2009)

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 Michaelle A. Gamble, CNMT 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 (RSD)
(10-2008)

U.S. NUCLEAR REGULATORY COMMISSION

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

AND

Third Section
Complete for ALL

☒ I attest that Michaelle A. Gamble, CNMT 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 Midwest Division-LSH, LLC d/b/a LeesSummit Hospital
Name of Facility

Licensee/Permit Number: 24-24660-01

Name of Preceptor

John E. Scutman

Signature

John E. Scutman

Telephone Number

816-282-5619

Date

7-8-09