



## GE Healthcare

**Emile Poisson**

Pharmacy Regulatory Assurance Specialist

1623 Lotsie Boulevard  
Overland, MO 63132  
USA

T 314-733-0471  
F 314-733-0479  
E emile.poisson@ge.com

August 30, 2011

U.S. Nuclear Regulatory Commission - Region III  
Materials Licensing Section  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

RE: NRC Material License No. 24-32462-01MD

To Whom It May Concern;

Please allow this letter to serve as notice that Medi-Physics, Inc., dba GE Healthcare wishes to amend the above referenced license as follows:

1. Change the site Radiation Safety Officer (RSO) to **Peter F. Mullady, R.Ph.** for the GE Healthcare Overland, Missouri facility under license Condition 11B. Mr. Mullady is a licensed Pharmacist in the State of Missouri, a designated Authorized Nuclear Pharmacist (ANP) on the current facility NRC Radioactive Material License under license Condition 11A(2). Refer to *Attachment A* for proof Mr. Mullady has completed the training requirements for RSO described in 10 CFR 35.50(c)(2).

Should you have any additional questions or require further clarification, please contact me at (314) 733-0471.

Sincerely,

Emile J. Poisson, CHMM  
Pharmacy Regulatory Assurance Specialist

Enc. Attachment A

# Attachment A

1. State of Missouri Pharmacist License Verification
2. NRC Form 313A(RSO) – Preceptor Attestation
3. RSO Acceptance of Duties

Jay Nixon, Governor  
John M. Huff, DIFP Director  
Jane A. Rackers, Director

## Detail

### Primary Source Verification

The licensee search function of this website provides data extracted from our database and constitutes a Primary Source Verification.

**Licensee Name:** Mullady, Peter F  
**Profession Name:** Pharmacist  
**Licensee Number:** 2009021429  
**Expiration Date:** 10/31/2012  
**Original Issue Date:** 7/21/2009  
**Address:**  
**Address Con't:**  
**City, State Zip:** Maryland Heights, MO 63043  
**County:** St. Louis County  
**Practitioner DBA Name:**  
**Certification Type:**  
**Classification:**  
**Current Discipline Status:** None

Missouri Division of Professional Registration  
3605 Missouri Boulevard  
P.O. Box 1335  
Jefferson City, MO 65102-1335  
573.751.0293 Telephone  
800.735.2966 TTY  
800.735.2466 Voice Relay  
profreg@pr.mo.gov  
<http://pr.mo.gov/>

**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

Peter F. Mullady, R.Ph.

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**

- 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			
Radiation protection			
Mathematics pertaining to the use and measurement of radioactivity			
Radiation biology			
Radiation dosimetry			
Total Hours of Training:			

**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		
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides		
Securing and controlling byproduct material		
Using administrative controls to avoid mistakes in administration of byproduct material		
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures		
Using emergency procedures to control byproduct material		
Disposing of byproduct material		
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ _____ _____ _____ _____		

+ 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
<p>This license authorizes the following medical uses:</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"><input type="checkbox"/> 35.100</div> <div style="width: 50%;"><input type="checkbox"/> 35.200</div> <div style="width: 50%;"><input type="checkbox"/> 35.300</div> <div style="width: 50%;"><input type="checkbox"/> 35.400</div> <div style="width: 50%;"><input type="checkbox"/> 35.500</div> <div style="width: 50%;"><input type="checkbox"/> 35.600 (remote afterloader)</div> <div style="width: 50%;"><input type="checkbox"/> 35.600 (teletherapy)</div> <div style="width: 50%;"><input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)</div> <div style="width: 50%;"><input type="checkbox"/> 35.1000 ( _____ )</div> </div>	

**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	Quent D. Besing, R.Ph., RSO GE Healthcare 1623 Lotsie Blvd., Overland, MO 63132	October 2009 to Present
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Quent D. Besing, R.Ph., RSO GE Healthcare 1623 Lotsie Blvd., Overland, MO 63132	October 2009 to Present
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	Quent D. Besing, R.Ph., RSO GE Healthcare 1623 Lotsie Blvd., Overland, MO 63132	October 2009 to 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.)*

Quent D. Besing, R.Ph., RSO

License/Permit Number listing supervising individual

NRC Material License No. 24-32462-01MD

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 \_\_\_\_\_ 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 Peter F. Mullady, R.Ph. 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 Peter F. Mullady, R.Ph. 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**

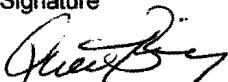
**Third Section  
Complete for ALL**

☒ I attest that Peter F. Mullady, R.Ph. 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 Medi-Physics, Inc. dba GE Healthcare  
Name of Facility

License/Permit Number: NRC Material License No. 24-32462-01MD

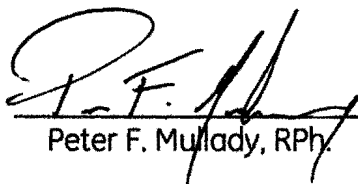
Name of Preceptor	Signature	Telephone Number	Date
Quent D. Besing, R.Ph., RSO		(314) 427-6888	08/30/2011

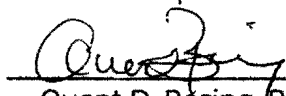
# GE Healthcare

## SITE RADIATION SAFETY OFFICER

### STATEMENT OF ACCEPTANCE

I Peter F. Mullady, R.Ph. hereby acknowledge and accept the duties and responsibilities of the site Radiation Safety Officer (RSO) as described in Item 7.4 of the Radioactive Materials License Application for the GE Healthcare pharmacy located at 1623 Lotsie Blvd., Overland, Missouri 63132.

  
Peter F. Mullady, RPh. 8/31/11  
Date

  
Quent D. Basing, R.Ph. 8/31/11  
Radiation Safety Officer Date

From: (314) 733-0471  
 Emile Poisson  
 GE Healthcare  
 1623 Lotsie Blvd

Origin ID: ZSVA



Overland, MO 63132

Ship Date: 31AUG11  
 ActWgt: 0.5 LB  
 CAD: 2602420/NET3180

Delivery Address Bar Code



SHIP TO: (630) 629-9341

BILL THIRD PARTY

U.S. Nuclear Regulatory Commission

2443 WARRENVILLE RD STE 210

LISLE, IL 60532

Ref #  
 Invoice #  
 PO #  
 Dept #

THU - 01 SEP A1  
 STANDARD OVERNIGHT

TRK# 7974 6909 9870

6281

ASR

60532

IL-US

ORD

**XH BDFA**



50FG2/4288/F5F4

**After printing this label:**

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

**Warning:** Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on [fedex.com](http://fedex.com). FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.