

Dennis P. O'Dowd  
Health Physicist  
MATERIALS LICENSING BRANCH



## TELECON &amp; FAX TRANSMITTAL

TO: Steve Hill, Nuclear Medicine Dept. or  
Robert Frachetti, Manager, Radiology Dept.

*FORCHINI*  
COMPANY: Bell Memorial Hospital

NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4351

# PAGES: \_\_\_\_\_ TEL.: (908) 486-4431

FAX #: (908) 485-2370

(630) 829-9573 FAX: (630) 515-1078

EMAIL:

## CONVERSATION RECORD

TIME DATE  
11:09 am January 13, 2011

NAME OF PERSON(S) CONTACTED	TELEPHONE NO.	ORGANIZATION
Bob Frachetti, Manager Radiology Department	(908) 485-2035	Bell Memorial Hospital

## SUBJECT

|License No.: 21-02037-03

|Control No.: 576275

## SUMMARY

We have reviewed your faxed document dated January 13, 2012, submitted in response to our request for additional information relative to letter dated October 3, 2011, requesting that Todd K. Bostwick, M.D. be named as Radiation Safety Officer (RSO) on the license. In order to complete the processing this request, still further information is needed.

The submitted NRC Form 313A (RSO), signed by RSO preceptor Julia (Shan) Marlette, does not attest to Dr. Bostwick's training in the radiation safety, regulatory issues, and emergency procedures for ALL uses and materials authorized in 35.300. Specifically, although necessary attestations were provided for 35.300 uses involving oral administration of I-131, the preceptor attestation did not include parenteral administration of any beta-emitter, or photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required. As NRC License No. 21-02037-03 authorizes all 35.300, and Dr. Bostwick is authorized for all 35.300 uses and materials under the license, it is necessary that this training be obtained in order to proceed with designating Dr. Bostwick as the RSO for this license.

Please provide documentation that this training has been obtained, signed by a preceptor authorized for 35.300.

We request that you submit the completed information via facsimile to (630) 515-1078. In your response, please be certain to reference Control No. 576275, as listed at the top of this memo. We expect to hear from you no later than January 18, 2012.

Please direct any questions you have to me at (630) 829-9573 or [dennis.o'dowd@nrc.gov](mailto:dennis.o'dowd@nrc.gov).

NAME OF PERSON DOCUMENTING CONVERSATION

Dennis P. O'Dowd, Health Physicist  
Materials Licensing Branch  
NRC RIII/DNMS

*Dennis P. O'Dowd*  
SIGNATURE

DATE January 13, 2011

NRC FORM 313A (RSO) (M-YYYY)	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0120 EXPIRES: MM/DD/YYYY
<b>RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE                  AND PRECEPTOR ATTESTATION</b> <b>[10 CFR 35.50]</b>		

Name of Proposed Radiation Safety Officer  
**TODD K BOSTWICK**

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			
<b>Total Hours of Training:</b>			

NRC FORM 313A (R50)  
(M-YYYY)

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
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 (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		
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	SULIA (SHAN) MARLETTE	1/12/12
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):		

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(M-YYYY)

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		
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).



NRC FORM 313A (RSO)  
(3-2009)

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 Todd Bostwick 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 Todd Bostwick 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 (RSO)

U.S. NUCLEAR REGULATORY COMMISSION

(3-2009)

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

AND

Third Section  
Complete for ALL

I attest that Traci Bostwick 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 Marquette General Health System  
Name of Facility

License/Permit Number: 21-05432-04

Name of Preceptor	Signature	Telephone Number	Date
Julia (Shan) Markette	Julia (Shan) Markette	906-225-6967	1-12-12





ATTN

DENNIS O'DOWD

RADIOLOGY DEPARTMENT  
BELL HOSPITAL  
FAX COVER SHEET

CONFIDENTIAL

DATE 1/18/12  
TO DENNIS O'DOWD  
FROM DR BOSTWICK  
SUBJECT/COMMENTS RSO  
8+ Cover

CONFIDENTIALITY NOTICE: THE INFORMATION CONTAINED IN THIS FACSIMILE IS A LEGALLY PRIVILEGED INFORMATION. IF YOU HAVE RECEIVED THIS TRANSMISSION IN ERROR, PLEASE NOTIFY US BY TELEPHONE. IF YOU DO NOT RECEIVE ALL PAGES PLEASE NOTIFY US BY PHONE. THANK YOU.

BELL RADIOLOGY PHONE #485-2632

CONTROL # 576-275