Community Healthcare System

ST. CATHERINE Hospital

Medical Physics Department

Materials Licensing Branch
USNRC Region III
2443 Warrenville Road
Lisle, IL 60532-4351

January 02, 2009

RE:13-01148-01 License amendment

Dear Sirs:

We wish make Gary Dillon, MS, DABR the Radiation Safety Officer as of February 14, 2009. Mr. Dillon has been granted a certificate in Therapeutic Radiological Physics by the ABR and is eligible to be an RSO.

If you need additional information, please contact me at 219-836-7368 Voice, 219-852-6487 Fax, or EZICKGRAF@COMHS.ORG E-mail.

Sincerely,

Eric Zickgraf, Ph.D., FACR, Director
Medical Physics Department
Radiation Safety Officer

cc: RSC

RECEIVED JAN 0 9 2009

Phone: 219-392-1700
4321 Fir Street, East Chicago, Indiana 46312
www.stcatherinehospital.org

NRC FORM 313A (RSO)
(2-2007)

U.S. NUCLEAR REGULATORY COMMISSION

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

Gary Dillon, MS, DABR

Requested Authorization(s) *The license authorizes the following medical uses (check all that apply)*:

- [x] 35.100
- [x] 35.200
- [x] 35.300
- [x] 35.400
- [x] 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.

[x] **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:			

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).

33.12

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	**Eric Zickgraf, PhD, FACR**	**May 02 through present**
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	**Eric Zickgraf, PhD, FACR**	**May 02 through present**
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	**Eric Zickgraf, PhD, FACR**	**May 02 through 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	**Eric Zickgraf, PhD, FACR**	**May 02 through present**
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.)*	License/Permit Number listing supervising individual
Eric Zickgraf, Phd, FACR	**13-01148-01**

License/Permit lists supervising individual as:

- [x] Radiation Safety Officer
- [ ] Authorized User
- [ ] Authorized Nuclear Pharmacist
- [ ] Authorized Medical Physicist

Authorized as RSO, AU, ANP, or AMP for the following medical uses:

- [x] 35.100
- [x] 35.200
- [x] 35.300
- [x] 35.400
- [x] 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:

[x] **1. Board Certification**

[x] I attest that **Gary Dillon, MS, DABR** 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

12/12/19

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

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AND

Second Section
Complete for all ***(check all that apply)*****:**

☑ I attest that **Gary Dillon, MS, DABR** has training in the radiation safety, regulatory issues, and
Name of ProposedRadiation 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:

_____

_____

_____

6/1/19

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

AND

Third Section
Complete for ALL

☑ I attest that **Gary Dillon, MS, DABR** 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 **St. Catherine Hospital, East Chicago, IN 46312**
Name of Facility

License/Permit Number: **13-01148-01**

Name of Preceptor	Signature	Telephone Number	Date
Eric Zickgraf, PhD, FACR	1/2/09	**(219) 836-6390**	**01/02/2009**

The American Board of Radiology

DIAGNOSTIC RADIOLOGY ■ RADIATION ONCOLOGY ■ RADIOLOGIC PHYSICS

5441 E. Williams Boulevard, Suite 200 · Tucson, Arizona 85711-4493 · Phone (520) 790-2900 · Fax (520) 790-3200
E-mail: information@theabr.org · website: www.theabr.org

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Anne C. Roberts, M.D.
La Jolla, California
Janet L. Strife, M.D.
Cincinnati, Ohio
Douglas H. Yock, Jr., M.D.
Minneapolis, Minnesota

Radiation Oncology

K. Kian Ang, M.D., Ph.D.
Houston, Texas
Beth A. Erickson, M.D.
Milwaukee, Wisconsin
Bruce G. Haffty, M.D.
New Brunswick, New Jersey
Larry E. Kun, M.D.
Memphis, Tennessee
Christopher G. Willett, M.D.
Durham, North Carolina
Anthony L. Zietman, M.D.
Boston, Massachusetts

Radiologic Physics

G. Donald Frey, Ph.D.
Charleston, South Carolina
Geoffrey S. Ibbott, Ph.D.
Houston, Texas
Richard L. Morin, Ph.D.
Jacksonville, Florida

June 2, 2008

ABRID P2433 / PT / 99 / 33

Confirmation # 55B2BF30

Gary David Dillon, MS
543 Arbogast St
Griffith, IN 46319

Dear Mr. Dillon:

I am pleased to inform you that you passed the oral examination held on May 31 to June 2, 2008. The American Board of Radiology grants you its Certificate in Therapeutic Radiologic Physics. This is a ten-year time-limited certificate. In addition, you have satisfied the NRC training requirements enabling you to be recognized as an ABR Diplomate in Therapeutic Radiologic Physics who is eligible to become an Authorized Medical Physicist (AMP) via the certification pathway in 10 CFR 35.51(a). Thus, you will receive the "AMP Eligible" designation on your certificate. Please be aware that, although not noted explicitly on the certficate, by virtue of being AMP eligible, you have also satisfied the certification portion of the regulatory requirements in 10 CFR 35.50(c)(1) for Radiation Safety Officer (RSO) authorization.

The certificate will be sent to the above address in approximately three months from our printer, Jim Henry, Inc. Your name will appear on the certificate as shown above. If you wish your name to appear differently or you have an address change, please notify the Board office in writing by July 02, 2008. Your name and demographic information will be included in a Directory published by the American Board of Medical Specialties. It is your responsibility to notify other local and state or national organizations of your certification.

Important information about your Maintenance of Certification process is enclosed. Please review it and respond as requested.

Personally and on behalf of the Board of Trustees of The American Board of Radiology, I wish to congratulate you for this distinguished achievement. You have accomplished one of the most significant milestones in your career.

Sincerely,

Gary J. Becker, MD

Enclosures

Executive Director: Gary J. Becker, M.D.
Robert R. Hattery, M.D., Senior Advisor to the Executive Director

Assistant Executive Directors: Primary Certification
Diagnostic Radiology: Anthony V. Proto, M.D.
Radiation Oncology: Bruce G. Haffty, M.D.
Radiologic Physics: Richard L. Morin, Ph.D.

Associate Executive Directors
Diagnostic Radiology: To be named
Radiation Oncology: Lawrence W. Davis, M.D.
Radiologic Physics: Stephen R. Thomas, Ph.D.
Administration: Jennifer Bosma, Ph.D.

Assistant Executive Directors: Maintenance of Certification
Diagnostic Radiology: James P. Borgstede, M.D.
Radiation Oncology: Larry E. Kun, M.D.
Radiologic Physics: G. Donald Frey, Ph.D.
Subspecialty Certification: George S. Bisset, M.D.

The Community Hospital
Medical Physics Department
901 MacArthur Blvd.
Munster, IN 46321

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USNRC Region III
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Lisle, IL 60532