

LORIN M. BROWN, M.D., P.C.

FAAOS, FACS

PEDIATRIC & ADOLESCENT ORTHOPEDIC SURGERY

&

SPORTS MEDICINE

October 11, 2007

U.S. Nuclear Regulatory Commission
Radioisotopes Licensing Division
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

RE: Amendment to NRC Radioactive Materials License #13-32269-01, Lorin M. Brown, M.D., P.C. in Munster, Indiana

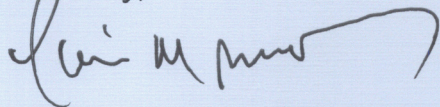
Dear Sir or Madam:

We wish to amend the above referenced radioactive materials license to reflect the following changes:

1. We request Lynn Wiabel be designated as the Radiation Safety Officer for this facility. She has worked at this facility since December 2000 and is familiar with the radiation safety program and procedures. Her delegation of authority letter along with her preceptor from James Hatten, current RSO, is attached. Ms. Wiabel also attended A Seminar on Radiation Safety and Management presented by Stan A. Huber Consultants, Inc. on August 22-24, 2007.
2. Please remove Robert L. Peiss, M.D. as an authorized user.

If you have any questions or need further information concerning this matter please contact me at (219) 924-5035.

Sincerely,



Lorin M. Brown, M.D.

/jms

Enclosures

OFFICE:

1950 45TH STREET, SUITE 200
MUNSTER, INDIANA 46321

OFFICE TELEPHONE NUMBERS

(219) 924-6544

FAX (219) 922-8502

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ATTENDING SURGEON - THE CHILDREN'S MEMORIAL HOSPITAL
ASSISTANT PROFESSOR OF CLINICAL ORTHOPEDIC SURGERY - NORTHWESTERN UNIVERSITY MEDICAL SCHOOL

LORIN M. BROWN, M.D., P.C.

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PEDIATRIC & ADOLESCENT ORTHOPEDIC SURGERY

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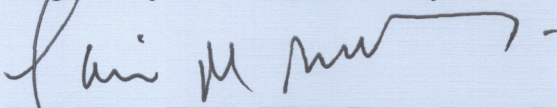
Delegation of Authority

Memo To: The Radiation Safety Officer

From: Lorin M. Brown, M.D.

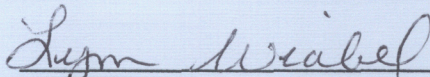
Subject: Delegation of Authority

You, Lynn Wiabel, 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 the rules. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of radioactive 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 request amendment changes and raise issues with the Nuclear Regulatory Commission at anytime.



Lorin M. Brown, M.D.

I accept the above responsibilities,



Lynn Wiabel

OFFICE:

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MUNSTER, INDIANA 46321

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ATTENDING SURGEON - THE CHILDREN'S MEMORIAL HOSPITAL
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**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

Lynn Wiabel

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**

- Classroom and Laboratory Training

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	Trinton College, 2000 Fifth Ave., River Grove, IL	100 Hours	1998-1990
	SAHCI Seminar, 200 N. Cedar Rd., New Lenox, IL	6 Hours	08/2007
Radiation protection	Trinton College, 2000 Fifth Ave., River Grove, IL	200 Hours	1998-1990
	SAHCI Seminar, 200 N. Cedar Rd., New Lenox, IL	24 Hours	08/2007
Mathematics pertaining to the use and measurement of radioactivity	Trinton College, 2000 Fifth Ave., River Grove, IL	100 Hours	1998-1990
	SAHCI Seminar, 200 N. Cedar Rd., New Lenox, IL	3 Hours	08/2007
Radiation biology	Trinton College, 2000 Fifth Ave., River Grove, IL	100 Hours	1998-1990
	SAHCI Seminar, 200 N. Cedar Rd., New Lenox, IL	2 Hours	08/2007
Radiation dosimetry	Trinton College, 2000 Fifth Ave., River Grove, IL	50 Hours	1998-1990
	SAHCI Seminar, 200 N. Cedar Rd., New Lenox, IL	1 Hour	08/2007
Total Hours of Training: 586 Hours			

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	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current
Securing and controlling byproduct material	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current
Using administrative controls to avoid mistakes in administration of byproduct material	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current
Using emergency procedures to control byproduct material	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current
Disposing of byproduct material	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ _____ _____ _____	Lorin M. Brown, M.D., P.C. 13-32269-01	12/2000-Current

+ 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 James Hatten	License/Permit Number listing supervising individual as a Radiation Safety Officer 13-32269-01												
This license authorizes the following medical uses: <table><tr><td><input type="checkbox"/> 35.100</td><td><input checked="" type="checkbox"/> 35.200</td><td><input type="checkbox"/> 35.300</td><td><input type="checkbox"/> 35.400</td></tr><tr><td><input type="checkbox"/> 35.500</td><td><input type="checkbox"/> 35.600 (remote afterloader)</td><td colspan="2"><input type="checkbox"/> 35.600 (teletherapy)</td></tr><tr><td><input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)</td><td colspan="3"><input type="checkbox"/> 35.1000 ()</td></tr></table>		<input type="checkbox"/> 35.100	<input checked="" type="checkbox"/> 35.200	<input 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 ()		
<input type="checkbox"/> 35.100	<input checked="" type="checkbox"/> 35.200	<input 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 ()												

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	Demonstration, Lecture, and Application of Principles	01/2007-Current
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	N/A	
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	

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)

<p><small>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.)</small></p> <p>James Hatten</p>	<p>License/Permit Number listing supervising individual</p> <p>13-32269-01</p>
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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:

<input type="checkbox"/> 35.100	<input checked="" type="checkbox"/> 35.200	<input 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 (_____)		

- 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 Lynn Wiabel 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 _____ is an
Name of Proposed Radiation Safety Officer

☐ Authorized User

☐ Authorized Nuclear Pharmacist

☐ Authorized Medical Physicist

identified on the Licensee's 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 Lynn Wiabel 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 Lynn Wiabel 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.

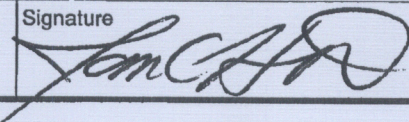
Fourth Section
Complete the following for Preceptor Attestation and signature

I am the Radiation Safety Officer for Lorin M. Brown, M.D., P.C.
Name of Facility

License/Permit Number: 13-32269-01

Name of Preceptor
James Hatten

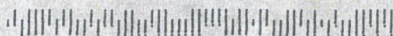
Signature



Telephone Number
815-370-6538

Date
10/09/2007

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(219) 924-6544



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