06-23-2009

Fax

Spectrum

Spectrum Health Butterworth Hospital Department of Radiology, MC 046 100 Michigan NE Grand Rapids, MI 49503

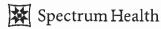
Please Expedite

No. of pages (including cover): 17:10 Phone: 630.829.9887 Phone: 616.391.2665 Please call if you have any problems with this transmission. If you have received this fax in error, please notify us immediately.

Message:

Confidential Information

The information contained in this facsimile message is privileged and confidential information intended for the use of the individual or entity to whom it is addressed. If the reader of this message is not the intended recipient or the employer or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this fax in error, please notify us immediately by telephone, then return the original message to us at the address above. Thank you.



BUTTERWORTH CAMPUS

100 Michigan Street NE Grand Rapids MI 49503-2560 616 391 1774 fax 391 2745 spectrum-health.org

June 23, 2009

United States Nuclear Regulatory Commission Region III, Materials Licensing Section 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

License Number: 21-00243-06 (Spectrum Health Hospitals)

Please Expedite by July 17, 2009.

Dear Sir or Madam:

We would like to add Eugene James Boylan, III, ME, DABR to our license as an Authorized Medical Physicist (AMP) for remote afterloader units. We have attached NRC Form 313A (AMP) as completed by Mr. Boylan, who has been on staff at Spectrum Health for several years. He received his ABR certification in Therapeutic Radiologic Physics in 2006.

We are requesting that this amendment be expedited and approved by July 17.

One of the AMP's on our license, Mark E. Colgan, M.S., was employed on a temporary basis and has recently left for another position and should be removed from Item 11.B. One of the other AMP's on our license is available on a very limited basis creating staffing issues that will put our ability to provide HDR services at risk. We have replaced Mr. Colgan but were not able to secure someone who is qualified as an AMP. The addition of Mr. Boylan to our license is critical to maintaining our current service levels and would appreciate your prompt attention to this amendment request.

If you have any questions regarding this amendment request, please contact me at 616-391-2498 or via email at bruce.hasselquist@spectrum-health.org.

Thank you for your assistance.

Sincerely,

Bruce E. Hasselquist, Ph.D., RSO Chief Medical Physicist, Radiology

Enclosures

06-23-2009

		RM 313A (AMP) U.S. NUCLEAR REGULATORY COMMISSION					
(3-20		THORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.51]	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 3/31/2012				
Nar	ne c	Eugene Vand Boylan III					
Au	tho	sted 35.400 Ophthalmic use of strontium-90 35.600 Telether	apy unit(s) stereotactic radiosurgery unit(s)				
		PART I TRAINING AND EXPERIENCE (Select one of the three methods below)					
dat req	e of uire	ng and Experience, including Board Certification, must have been obtained within application or the individual must have obtained related continuing education and distraining and experience was completed. Provide dates, duration, and description perience related to the uses checked above.	experience since the				
	1.	Board Certification					
	a.	Provide a copy of the board certification.					
	b.	Go to the table in 3.c. and describe training provider and dates of training for each authorization is sought.	h type of use for which				
	C.	Skip to and complete Part II Preceptor Attestation.					
	2.	ise(s) checked above					
W.	a.	a. Go to the table in section 3.c. to document training for new device.					
		Skip to and complete Part II Preceptor Attestation					
X	3.	3. Education, Training, and Experience for Proposed Authorized Medical Physicist					
/-\		Education: Document master's or doctor's degree in physics, medical physics, other physical science, engineering, or applied mathematics from an accredited college or university.					
	Degree Nattens of Engineering Radiological Health Engineering College or University University of Michigan - Ann Anhor						
	 Supervised Full-Time Medical Physics Training and Work Experience in clinical radiation facilities that provide high-energy external beam therapy (photons and electrons with energies greater than or equal to 1 million electron volts) and brachytherapy services. 						
		Yes. Completed 1 year of full-time training in medical physics (for areas iden supervision of los of					
		AND					
		Yes. Completed 1 year of full-time work experience in medical physics (for an under the supervision of	reas identified below) eets the requirements for				

NDC	FORM	242A	/ARADI
INCO	LOVIN	3137	

U.S. NUCLEAR REGULATORY COMMISSION

AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3.	Education,	Training,	and Experience	ce for Proposed	Authorized	Medical Physicist	(continued
							•

b. Supervised Full-Time Medical Physics Training and Work Experience (continued) If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.

this page.			
Description of Training/ Experience	Location of Training/License or Permit Number of Training Facility/Medical Devices Used+	Dates of Training*	Dates of Work Experience*
Medical Physics	Spectrum Health/NRC #21-00243-06 Nucletran Plato & V2	6/1/07 6/1/08	6/1/08
Performing sealed source leak tests and inventories	Soutrum that / NRC #21-04243-06	6/1/07	6/1/08
Performing decay corrections	Spectrum Health/NRc#21-00243 06 Excel Governdsheets	6/1/07	6/1/08
Performing full calibration and periodic spot checks of external beam treatment unit(s)	NA		
Performing full calibration and periodic spot checks of stereotactic radiosurgery unit(s)	NA		
Performing full calibration and periodic spot checks of remote afterloading unit(s)	Prenier 4000 electronites Ly HDR 1000 plas well chanses	6/1/07	6/1/08
Conducting radiation surveys around external beam treatment unit(s), stereotactic radiosurgery unit(s), remote after loading unit(s)	Spectrum Health/NRC#21-00243-06 Vistorees Ion chambers	6/1/07 6/1/68	6/1/08
Supervising Individual** Vols vol. V. K. /	License/Permit Number listing authorized Medical Physicist ARC LICENSE #		
	· · · · · · · · · · · · · · · · · · ·		
Remote afterloader unit(s)	Teletherapy unit(s) Gamma ste	ereotactic radi	iosurgery unit(s)

Training and work experience must be conducted in clinical radiation facilities that provide high-energy external beam therapy (photons and electrons with energies greater than or equal to 1 million electron volts) and brachytherapy services.

1 year of Full-time medical physics training and 1 year of full time work experience cannot be concurrent.

If the supervising medical physicist is not an authorized medical physicist, the licensee must submit evidence that the supervising medical physicist meets the training and experience requirements in 10 CFR 35.51 and 35.59 for the types of use for which the individual is seeking authorization.

Spectrum U.S. NUCLEAR REGULATORY COMMISSION NRC FORM 313A (AMP) AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued) 3. Education, Training, and Experience for Proposed Authorized Medical Physicist (continued) c. Describe training provider and dates of training for each type of use for which authorization is sought. Description Training Provider and Dates of Training Gamma Stereotactic Remote Afterloader Teletherapy Radiosurgery Hands-on device operation Safety procedures for the device use Clinical use of the device Treatment planning system operation Supervising Individual :License/Permit Number listing supervising individual as an If training is provided by Supervising Medical Physicist, (if more than one supervising individual is necessary to document supervised training, provide multiple copies of Ner NRC LICENSO # 21-00243-06 for the following types of use: Gamma stereotactic radiosurgery unit(s) Remote afterloader unit(s) Teletherapy unit(s) If Applicable:

Authorization Sought	Device	Training Provided By	Dates of Training
35.400 Ophthalmic Use of strontium-90			

d. Skip to and complete Part II Preceptor Attestation.

06-23-2009

Spectrum

	ORM 313A (AMP) U.S	NUCLEAR REGULATORY COMMISSION
(3-2009) AUTH	HORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECE	PTOR ATTESTATION (continued)
	PART II – PRECEPTOR ATTESTATION	
Note:	This part must be completed by the individual's preceptor. The preceptor does individual as long as the preceptor provides, directs, or verifies training and ex one preceptor is necessary to document experience, obtain a separate preceptor.	perience required. If more than
15.00	Section k one of the following:	
	1. Board Certification	
	Name of Proposed Authorized Medical Physicist 10 CFR 35.51(a)(1) and (a)(2).	pleted the requirements in
	OR	
	2. Education, Training, and Experience I attest that Lychological hydronized Medical Physicist Name of Proposed Authorized Medical Physicist	eleted the 1-year of full-time
	training in medical physics and an additional year of full-time work experier 35.51(b)(1).	nce as required by 10 CFR
Secon	AND AND AND	
-3/	elete the following:	
14	Name of Proposed Authorized Medical Physicist	es of use for which authorization
	is sought that include hands-on device operation, safety procedures, clinical treatment planning system.	al use, and the operation of a
	AND	
S70-037 S90-740	Section letter the following:	
Compi		f competency sufficient to
	function independently as an Authorized Medical Physicist for the following	:
	35.400 Ophthalmic use of strontium-90 35.600 Teletherapy unit(s	s)
	35.600 Remote afterloader unit(s) 35.600 Gamma stereotac	tic radiosurgery unit(s)
	AND	
125.00	h Section lete the following for preceptor attestation and signature:	
	I meet the requirements in 10 CFR 35.51, or equivalent Agreement State re Medical Physicist for the following:	equirements for Authorized
	35.400 Ophthalmic use of strontium-90 35.600 Teletherapy unit(s	5)
	35.600 Remote afterloader unit(s) 35.600 Gamma stereotac	tic radiosurgery unit(s)
Name of	of Preceptor Signature Signature of Method 616 Seph W. Kettner Signature of Method 616 Seph W. Kettner 616 WRC License # 21-00243-06, Spectrum	hone Number Date 6/15/09
License/	e/Permit Number/Facility Name	1/ 1/ 1/
1	NRC License # 21-00243-06, Spectrum	u Health Hospitals

The University of Michigan

to all who may read these letters, Greetings:

Hereby it is certified that upon recommendation of the

College of Engineering

The Regents of The University of Michigan have conferred upon

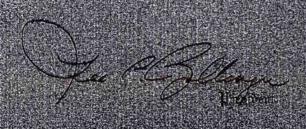
Eugene Inmes Anglan III

in recognition of the entistactory fulfillment of the prescribed requirements the dequee of

Alaster of Laginesering

Kadiological Bealth Engineering)

mith all the eights, primileges, and honors thereto pertaining here and absorbers. Alabin at Ann Arbon. Allabigan this difficiteth day of April ministery hundred her timely earlie





The American Coard of Radiology
Organized through the cooperation of the

American College of Radiology, the American Roentgen Ray Society, the American Radium Society, the Radiological Society of North America, the Section on Radiology of the American Medical Association, the American Society for Therapeutic Radiology and Oncology, the Association of University Radiologists, and American Association of Physicists in Medicine Hereby certifies that

Eugene Iames Toylan III, ME

Has pursued an accepted course of graduate study and clinical work, has met certain standards and qualifications and has passed the examinations conducted under the authority of The American Board of Radiology On this thirteenth day of June, 2006 Thereby demonstrating to the satisfaction of the Board that he is qualified to practice the specialty of

Therapeutic Radiologic Physics







Halid through 2016



This certifies that

Jim Boylan

has successfully completed our course on

Brachytherapy Treatment Planning given September 13th through 17th, 1999

> at Nucletron Corporation Columbia, MD

Joe lannitto Application Specialist

Richard Rutten Application Specialist

Nucletron Corporation 7080 Columbia Gateway Drive Columbia, MD 21046-2133