

PATIENT Safety
Starts WITH ME

August 1, 2007

U.S. Nuclear Regulatory Commission
Region I Office, Division of NMSS
Attn: Materials Licensing
475 Allendale Road
King of Prussia, PA 19406

K-8

MS-16

RE: NRC license number 45-00131-02

03003298

To whom it may concern,

Enclosed are additional documents to support our request for the addition of Virginia Lockamy as an authorized medical physicist for high dose rate brachytherapy. Ginny's experience with us since December 2006 has included numerous cases of high dose rate brachytherapy administration to patients and is documented in the attached NRC Form 313A AMP. Her education and training are listed there also. As a very busy facility we are requesting a shortened period of experience.

Our current full-time AMP attests in the attachment that Dr. Lockamy has satisfactorily completed the requirements in paragraph 10 CFR 35.51 and has achieved a level of competency sufficient to function independently as an authorized medical physicist. Our RSO certifies Dr. Lockamy as proficient in all aspects of HDR radiation safety and that her vendor training has been completed.

Also please remove Tim Kennelly as a physicist from our license altogether.

For more information, please do not hesitate to contact our Radiation Safety Officer, Sandy Wolff, at (757) 388-3030.

Sincerely,



Bruce Holstien
Senior Vice President
Administrator, Sentara Norfolk General Hospital



PATIENT *Safety*
Starts WITH ME

August 3, 2007

U.S. Nuclear Regulatory Commission
Region I Office, Division of NMSS
Attn: Materials Licensing, Mail Control 140700

RE: NRC license number 45-00131-02

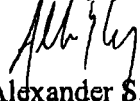
To whom it may concern,

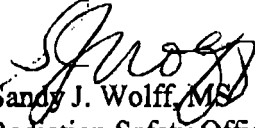
I am writing in support of the request to add Virginia Lockamy as an authorized medical physicist for high dose rate brachytherapy. Ginny's experience here since December 2006 has included participation in the planning and/or at least one treatment fraction of over eighty patients with high dose rate brachytherapy. Most of our cases are treated twice daily for five days providing extensive experience not available at most hospitals. As a very busy facility we are requesting a shortened period of experience, eight instead of twelve months. Please refer to the attached NRC Form 313A AMP for documentation of her experience, education and training.

Along with our RSO, I attest that Dr. Lockamy has satisfactorily completed the requirements in paragraph 10 CFR 35.51 and has achieved a level of competency sufficient to function independently as an authorized medical physicist for HDR. Her fifteen months experience at a nearby facility performing linear accelerator treatments has added to her ability to plan and treat HDR cases as well. We feel that Dr. Lockamy is proficient in all aspects of this modality. Vendor training was accomplished during one quarterly source exchange this year and is attached.

For more information, please do not hesitate to contact either one of us below.

Sincerely,


Alexander S. Gray, MS
Authorized Medical Physicist
Sentara Norfolk General Hospital
(757) 388-2570


Sandy J. Wolff, MS
Radiation Safety Officer
Sentara Hospitals
(757) 388-3030



Nucletron

Nucletron Corporation

 8671 Robert Fulton Drive
 Columbia, MD 21046

Telephone: 410-312-4100

Toll Free: 800-336-2249

Canada Toll Free: 800-445-2249

FAX: 410-312-4196

Nucletron Training Seminar Attendance Registration

 Hospital: Norfolk General

 Date: Wednesday, January 24, 2007

 Course: Inservice

 Instructor: Robert Ticknor

	Name	Department	Title	Signature
1	Alex Gray	Rad Onc	Phy	<i>Alex Gray</i> Wed Jan 2007 01:24:07 12:22:47
2	Holly Dalton	Rad Onc	Physicist	<i>Holly Dalton</i> Wed Jan 2007 01:24:07 12:22:47
3	Virginia Lockamy	Rad Onc	Physicist	<i>Virginia Lockamy</i> Wed Jan 2007 01:24:07 12:22:47
4	Gwen King	Rad Onc	Physicist	<i>Gwen King</i> Wed Jan 2007 01:24:07 12:22:47
5	Sherry-Lynn Turley	Rad Onc	Nurse	<i>Sherry-Lynn Turley RN</i> Wed Jan 2007 01:24:07 12:22:47
6	Greg Karus	Rad Onc	Dosimetrist	<i>Greg Karus</i> Wed Jan 2007 01:24:07 12:22:47
7	Larura Martel	Rad Onc	LPN	<i>Larura Martel</i> Wed Jan 2007 01:24:07 12:22:47
8	Melody null	Rad Onc	T/C	<i>Melody null</i> Wed Jan 2007 01:24:07 12:22:47
9	Mark Shavel	Rad Onc	MD	<i>Mark Shavel</i> Wed Jan 2007 01:24:07 12:22:47
10	Margo Baltimore	Rad Onc	RN	<i>Margo Baltimore</i> Wed Jan 2007 01:24:07 12:22:47
11	Jaime Mullen	Rad Onc	Ther	<i>Jaime Mullen</i> Wed Jan 2007 01:24:07 12:22:47
12	Hila Robinson	Rad Onc	Ther	<i>Hila Robinson</i> Wed Jan 2007 01:24:07 12:22:47
13	Terri Fultz	Rad Onc	Dosimetrist	<i>Terri Fultz</i> Wed Jan 2007 01:24:07 12:22:47
14	Carolyn Thrush	Rad Onc	Ther	<i>Carolyn Thrush</i> Wed Jan 2007 01:24:07 12:22:47
15	Kendra Guidry	Rad Onc	Ther	<i>Kendra Guidry</i> Wed Jan 2007 01:24:07 12:22:47

I certify that the above individuals have been instructed in Equipment Operation, Safety Precautions and Emergency Procedures in accordance with Nucletron Corporation Training Standards.

Instructor Signature:

Robert Ticknor
 Wed Jan 2007 01:24:07 11:57:55

 Instructor Title: Engineer



Nucletron

Nucletron Corporation

8671 Robert Fulton Drive
Columbia, MD 21046

Telephone: 410-312-4100
Toll Free: 800-336-2249
Canada Toll Free: 800-445-2249
FAX: 410-312-4198

Nucletron Training Seminar

Institution: Norfolk General

City, State/Province, Zip: Norfolk, VA

1 Teaching Aids Used

User's Manual ☒
Applicators and Accessories ☒
Source Container and Dummy Sources ☒
Other ☒

2 Topics Covered

Explanation of Remote Afterloading ☒
Explanation of Radiation Protection ☒

3 Applications

Bronchus ☐
Interstitial ☐
Intracavitary ☐
Intraoperative ☐

4 Applicators/Accessories

Bronchus ☐
GYN ☐
Esophagus ☐
Interstitial ☐
Other ☐

5 Equipment Operation

Treatment Unit ☒
Handling ☒
Power Requirements ☒
Console ☒
Treatment ☒
Start ☒
Interrupt ☒
Emergency Stop ☒
Alarm and Error Codes ☒

Radioactive Source: ir192

6 Receiving

Unpacking ☐
Acceptance ☐
Calibration ☐
Installation ☐

7 Shipping

Release ☐
Packing ☐
Documents ☐
Measurements ☐

Emergency Procedures ☒

All areas marked were covered during training

Mon Mar 2006 03/27/06 14:51:49

Wed Jan 2007 01/24/07 12:22:59

Instructor

Department Head

FSE

Phy

Title

Title

* List of all attendees accompanies this form

Wake Forest University

On the recommendation of the Faculty of

The Graduate School

the Trustees have conferred upon

Virginia Lee Lockamy

the degree of

Doctor of Philosophy

Given at Winston-Salem in the State of North Carolina

May seventeenth, two thousand and four.

Murray C. Henson, Jr.
Chairman of the Board of Trustees

J. Reid Morgan
Secretary of the Board of Trustees



Thomas R. Hearn, Jr.
President of the University

[Signature]

Phone [REDACTED] E-MAIL: [REDACTED]

DR. VIRGINIA L. LOCKAMY

EDUCATION

- June 2004-September 2005* University of Minnesota (Minneapolis, MN)
Postdoctoral Residency
- August 2000 - May 2004* Wake Forest University (Winston-Salem, NC)
PhD, Physics
- August 1996 - May 2000* North Carolina State University (Raleigh, NC)
B.S. Physics; B.S. Applied Mathematics

PROFESSIONAL EXPERIENCE

- January 2007 - Present* Sentara Norfolk General Hospital (Norfolk, VA)
Medical Physicist (Dept. of Radiation Oncology)
- Perform clinical duties of medical physicist including monthly and annual QA, treatment planning, patient treatment verification QA, monitor unit calculations, etc; fill in at satellite centers when other physicists and/or dosimetrists on vacation
- September 2005 - December 2006* Albemarle Hospital (Elizabeth City, NC)
Medical Physicist (Regional Oncology Center; solo position)
- Perform clinical duties of medical physicist including monthly and annual QA, treatment planning, patient treatment verification QA, monitor unit calculations, etc; commissioned IMRT program; commissioned GE-CT Sim program; acted as both physicist and dosimetrist while dosimetrist out on maternity leave; implemented paperless charting by preparing all documents for charting; served on Radiation Protection Committee; contact person for all x-ray equipment for hospital and all satellite centers
- June 2004 - September 2005* University of Minnesota (Minneapolis, MN)
Postdoctoral Resident (Dept. of Therapeutic Radiology/Radiation Onc.)
- Perform clinical duties of medical physicist including monthly and annual QA, treatment planning, patient treatment verification QA, monitor unit calculations, etc; medical physics instruction for radiation therapy students; clinical instruction for radiation therapy students
- May 2004 - June 2004* Wake Forest University (Winston-Salem, NC)
Postdoctoral Researcher (Dr. D.B. Kim-Shapiro, Dr. S.B. King)
- Manage laboratory/research endeavors, assist with alternate research topics, train new members of the laboratory staff, consult and prepare future research topics for publication
- January 2001 - May 2004* Wake Forest University (Winston-Salem, NC)
Graduate Research Assistant (Dr. D.B. Kim-Shapiro, Dr. S.B. King)
- Perform research for dissertation; develop unique approaches to researching a common goal project in the laboratory
- August 2000 - December 2000* Wake Forest University (Winston-Salem, NC)
Graduate Teaching Assistant
- Lead tutorial sessions; class evaluations; grading papers
- January 2000 - May 2000* Triangle Learning Consultants (Raleigh, NC)
Tutor for physics and math (middle and high school students);
- Prepare homework and tests for troubled teens
- January 1998 - May 2000* North Carolina State University (Raleigh, NC)
Supplemental Instructor, Department of Physics (Dr. M.A. Klenin)
- Lead tutorial sessions in physics and applied mathematics; lead review sessions for exams
- May 1998 - August 2000* North Carolina State University (Raleigh, NC)
Tutor - Physics Tutorial Center (Ms. E.A. Rieg)
- Lead tutorial sessions in the walk-in educational assistance center

PUBLICATIONS

Virginia L. Lockamy. *The Search for the Mechanism of Nitric Oxide Release in Hydroxyurea Therapy*. Doctoral Dissertation. Wake Forest University Graduate School of Arts & Sciences, Dept. of Physics. (2004) Advisors: Dr. D. B. Kim-Shapiro (Physics), Dr. S. B. King (Chemistry).

**PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.**

Virginia L. Lockamy, Howard Shields, Daniel B. Kim-Shapiro, and S. Bruce King. *Iron nitrosyl hemoglobin formation due to the reactions of hydroxylamine and hemoglobin under physiological conditions.* Biochimica et Biophysica Acta, 1674(3):260-267, 2004.

Virginia L. Lockamy, Jinming Huang, Howard Shields, Samir K. Ballas, S. Bruce King, and Daniel B. Kim-Shapiro. *Urease enhances the formation of iron nitrosyl hemoglobin in the presence of hydroxyurea.* Biochimica et Biophysica Acta, 1622(2):109-116, 2003.

Xiuli Xu, Virginia L. Lockamy, Kejing Chen, Zhi Huang, Howard Shields, S. Bruce King, Samir K. Ballas, James S. Nichols, Mark T. Gladwin, Constance T. Noguchi, Alan N. Schechter, and Daniel B. Kim-Shapiro. *Effects of Iron Nitrosylation on Sickle Cell Hemoglobin Solubility.* The Journal of Biological Chemistry, 277(39):36787-36792, 2002.

Virginia L. Lockamy, Jinming Huang, Mamudu Yakubu, Howard Shields, Samir K. Ballas, S. Bruce King, and Daniel B. Kim-Shapiro. "The search for the mechanism of NO release in hydroxyurea therapy." Meeting of the Biophysical Society, Baltimore, MD, 14-18.

Virginia L. Lockamy, Jinming Huang, Howard Shields, Fouad Azizi, Samir K. Ballas, S. Bruce King, and Daniel B. Kim-Shapiro. "In search of the physiologically relevant mechanism for NO release in hydroxyurea therapy." Meeting of the Biophysical Society, San Antonio, TX, 3-5 March 2003. Biophysical Journal, 84(2):34A, Feb 2003.

Jinming Huang, Virginia L. Lockamy, Daniel B. Kim-Shapiro, and S. Bruce King. "Comparison of nitrite and nitrate production from hydroxyurea upon treatment with various biological oxidants." Oxygen Society Meeting, San Antonio, TX, Nov. 2002. Free Radical Biology and Medicine, 33:224 Suppl. 2, 2002.

Daniel B. Kim-Shapiro, Xiuli Xu, Virginia L. Lockamy, Kejing Chen, Howard Shields, S. Bruce King, Samir K. Ballas, James S. Nichols, Margaret E. Pease-Fye, Mark T. Gladwin, Constance T. Noguchi, and Alan N. Schechter. "Inhibition of Sickle Hemoglobin Polymerization by Nitric Oxide." National Sickle Cell Disease Program meeting, Washington DC, Sept. 2002.

Fouad Azizi, Virginia L. Lockamy, Rupen Amin, Brian Cine, Erin Lichtenstein, Samir K. Ballas, S. Bruce King, and Daniel B. Kim-Shapiro. "Effects of NO and NO-producing compounds on sickle hemoglobin polymerization." Meeting of the Biophysical Society, San Francisco, CA, 23-27 February 2002. Biophysical Journal, 82(1):2163 Part 2, Jan. 2002.

➤ PROFESSIONAL MEMBERSHIPS

August 2006 Passed Part I of ABR exam

➤ Currently registered to take Part II of ABR exam in August 2007

2004 - ~~Present~~ American Association of Physicists in Medicine

2001 - 2004 Biophysical Society

1998 - ~~Present~~ Sigma Pi Sigma

1998 - 2000 Pi Mu Epsilon

➤ President of North Carolina State chapter

OBJECTIVES OF RESEARCH

-To study effects of NO-producing compounds (hydroxyurea and hydroxylamine) on blood and hemoglobin

-To investigate the in vivo mechanism of formation of iron-nitrosylated hemoglobin (HbNO)

-To determine reaction kinetics for deoxyhemoglobin (deoxyHb), oxyhemoglobin (oxyHb), and methemoglobin (metHb) with hydroxylamine

-To determine reaction kinetics for metHb with hydroxyurea (HU)

-To study the kinetics of formation of methemoglobin (metHb) and iron-nitrosylated hemoglobin

-To test the blood of patients with sickle cell disease for the hydrolysis of hydroxyurea to hydroxylamine

➤ COMMUNITY ACTIVITIES

2004 - 2005 Tutor in Physics, Medical Physics

2003 - 2004 Graduate Liaison to the Physics Program Review Committee, WFU

2002 - 2004 Physics Representative; Graduate Student Association, WFU

2002 - 2003 Volunteer; Crisis Control Ministry (Winston-Salem, NC)

1998 - 2000 Youth Counselor; Edenton Street UMC (Raleigh, NC)

1996 - 2000 Tutor in Physics, Mathematics

➔ SPECIALTY CERTIFICATIONS

August 2001 Human Participants Protection Education for Research Teams
Sponsored by the National Institutes of Health
July 2004 CPR Training/Accreditation
July 2004 HIPAA Training

➔ LABORATORY SKILLS

Electron Paramagnetic Resonance (EPR) Spectroscopy; Absorption Spectroscopy (Reaction Kinetics, Scanning Kinetics, Concentration Measurements); Nitric Oxide Analyzer (Chemiluminescence); Distillation; Centrifugation; Paper Chromatography; Blood/Hemoglobin Fractionation and Preparation; Vacuum Systems (Blood Degassing); High Performance Liquid Chromatography; Column Fractionation; Buffer Preparation and Titration

➔ COMPUTER SKILLS

Microsoft Office (Word, Excel, Powerpoint); Maple; Matlab; C++ Computer Language; Internet Reference/Citation Searches; Fortran 77/90; Pinnacle/ADAC; Eclipse; CMS XiO; Xknife; Brachyvision; Theraplan; Plato; MU Check; RadCalc; MapCheck; Fixer; ImageFusion; TLD Software; GE Advantage Sim; VARiS; IMPAC; RIT Software

➔ CLINICAL SKILLS

3-D conformal and non-conformal treatment planning (Pinnacle/ADAC, Eclipse, CMS XiO); IMRT planning (Pinnacle, Eclipse, CMS XiO); IMRT commissioning (Eclipse); VARiS; IMPAC; Electronic charting; Digitizing blocks, contours (Pinnacle, Eclipse, CMS XiO); Block planning and construction; Compensator construction; IMRT QA (film & chamber measurements, MapCheck), Photon & electron therapy treatment planning; Total skin electron therapy (dose verification using TLD and boost planning); Total body irradiation (Right/Left Lateral Technique); Stereotactic Radiosurgery (planning, treatment, CT- and/or MRI-based imaging); Stereotactic Radiotherapy (planning, treatment, CT- and/or MRI-based imaging); Stereotactic commissioning (Xknife 4); Linac Isocentric accuracy; Stereotactic accuracy; High Dose Rate Brachytherapy (HDR) - QA (monthly/daily) and planning (GYN, Head and Neck, Mammosite); Low Dose Rate Brachytherapy (LDR) - iridium and cesium - ovoid, tandem, syed planning and treatment; seed/ribbon calibration; loading/unloading radioactive sources; Iodine-131 calibration and dosing for thyroid treatment; GM meter or ion chamber meter surveying; In-vivo dosimetry; TLD (powder & chip); Diode measurements; Linac monthly and annual QA (both TG-21 & TG-51); Simulator QA; CT QA; CT-Sim QA; CT-Sim commissioning; MLC QA (80- and 120-leaf systems); Orthovoltage calibration; General treatment planning; Monitor unit calculations; BAT QA/operation; Mammosite treatment/planning; Wellhofer scanner (film analysis & QA); Craniospinal treatment planning; Anatomical contouring; Classroom and clinical instruction; Linacs: Varian 2100C, Varian 2100C/D, Varian 2100 EX, Varian 2100 SC; Simulators/CT-Sim: Nucletron conventional simulator, Varian conventional simulator, GE-CT Sim (Advantage Sim software); HDR units: Nucletron and Gammamed

➔ REFERENCES

Alexander Gray, MS - Medical Physicist
Sentara Norfolk General Hospital
Department of Radiation Oncology
600 Gresham Drive
Norfolk, VA 23507
(757) 388-4383

Bruce Gerbi, PhD - Associate Professor and Director of Medical Physics
University of Minnesota
Department of Therapeutic Radiology - Radiation Oncology
420 Delaware Street SE
Mayo Mail Code 494
Minneapolis, MN 55455
(612) 626-6146

NRC FORM 313A (AMP) <small>(10-2006)</small>	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3160-0120 EXPIRES: 10/31/2008
AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.51]		
Name of Proposed Authorized Medical Physicist <div style="font-size: 1.2em; font-family: cursive;">Virginia L. Lockamy</div>		
Requested Authorization(s) (check all that apply) <input type="checkbox"/> 35.400 Ophthalmic use of strontium-90 <input type="checkbox"/> 35.600 Teletherapy unit(s) <input checked="" type="checkbox"/> 35.600 Remote afterloader unit(s) <input type="checkbox"/> 35.600 Gamma stereotactic radiosurgery unit(s)		
PART I -- TRAINING AND EXPERIENCE <i>(Select one of the three methods below)</i>		
*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.		
<input type="checkbox"/> 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 type of use for which authorization is sought. c. Skip to and complete Part II Preceptor Attestation.		
<input type="checkbox"/> 2. Current Authorized Medical Physicist Seeking Additional Authorization for use(s) checked above		
a. Go to the table in section 3.c. to document training for new device. b. Skip to and complete Part II Preceptor Attestation		
<input checked="" type="checkbox"/> 3. Education, Training, and Experience for Proposed Authorized Medical Physicist		
a. 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 <div style="font-size: 1.2em; font-family: cursive;">PhD</div>	Major Field <div style="font-size: 1.2em; font-family: cursive;">Physics</div>	
College or University <div style="font-size: 1.2em; font-family: cursive;">Wake Forest University, N.C.</div>		
b. 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.		
<input type="checkbox"/> Yes. Completed 1 year of full-time training in medical physics (for areas identified below) under the supervision of _____ who meets the requirements for an Authorized Medical Physicist.		
AND		
<input checked="" type="checkbox"/> Yes. Completed 1 year of full-time work experience in medical physics (for areas identified below) under the supervision of <u>Alexander Gray</u> who meets the requirements for an Authorized Medical Physicist.		

NRC FORM 313A (AMP)
(10-2006)

U.S. NUCLEAR REGULATORY COMMISSION

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

3. Education, Training, and Experience 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.

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	SNGH, Norfolk, VA 45-00131-02		Dec 06- present
Performing sealed source leak tests and inventories	SNGH		"
Performing decay corrections	SNGH		"
Performing full calibration and periodic spot checks of external beam treatment unit(s)	SNGH		"
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)	SNGH		"
Conducting radiation surveys around external beam treatment unit(s), stereotactic radiosurgery unit(s), remote after loading unit(s)	SNGH		"

Supervising Individual**

Alex Gray

License/Permit Number listing supervising individual as an
authorized Medical Physicist

45-00131-02

for the following types of use:

☒ Remote afterloader unit(s) ☐ Teletherapy unit(s) ☐ Gamma stereotactic radiosurgery 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.

NRC FORM 313A (AMP)
(10-2006)

U.S. NUCLEAR REGULATORY COMMISSION

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 of Training	Training Provider and Dates		
	Remote Afterloader	Teletherapy	Gamma Stereotactic Radiosurgery
Hands-on device operation	SNGH Dec 2006 - present	X	X
Safety procedures for the device use	“		
Clinical use of the device	“		
Treatment planning system operation	“		

Supervising Individual

If training is provided by Supervising Medical Physicist, (If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.)

Alexander Gray

License/Permit Number listing supervising individual as an authorized Medical Physicist

45-00131-02

for the following types of use:

☒ Remote afterloader unit(s)☐ Teletherapy unit(s)☐ Gamma stereotactic radiosurgery unit(s)

If Applicable:

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

d. Skip to and complete Part II Preceptor Attestation.

NRC FORM 313A (AMP)
(10-2006)

U.S. NUCLEAR REGULATORY COMMISSION

AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**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 Authorized Medical Physicist
 10 CFR 35.51(a)(1) and (a)(2).

OR**2. Education, Training, and Experience**

☒ I attest that Virginia Lockamy has satisfactorily completed the 1-year of full-time
Name of Proposed Authorized Medical Physicist
 training in medical physics and an additional year of full-time work experience as required by 10 CFR 35.51(b)(1).

AND**Second Section****Complete the following:**

☒ I attest that Virginia Lockamy has training for the types of use for which authorization
Name of Proposed Authorized Medical Physicist
 is sought that include hands-on device operation, safety procedures, clinical use, and the operation of a treatment planning system.

AND**Third Section****Complete the following:**

☒ I attest that Virginia Lockamy has achieved a level of competency sufficient to
Name of Proposed Authorized Medical Physicist
 function independently as an Authorized Medical Physicist for the following:

- ☐ 35.400 Ophthalmic use of strontium-90 ☐ 35.600 Teletherapy unit(s)
☒ 35.600 Remote afterloader unit(s) ☐ 35.600 Gamma stereotactic radiosurgery unit(s)

AND**Fourth Section****Complete the following for preceptor attestation and signature:**

☒ I meet the requirements in 10 CFR 35.51, or equivalent Agreement State requirements for Authorized Medical Physicist for the following:

- ☐ 35.400 Ophthalmic use of strontium-90 ☐ 35.600 Teletherapy unit(s)
☒ 35.600 Remote afterloader unit(s) ☐ 35.600 Gamma stereotactic radiosurgery unit(s)

Name of Preceptor

Signature

Telephone Number

Date

License/Permit Number/Facility Name

Alexander Gray Ally 757 388 2570 8-3-07
SNGH 45-00131-02

July 17, 2007

To: NRC Regulation
Washington DC

From: Steven M Babcock

This note is to tell you about my work experience with Virginia Lockamy at Albemarle Hospital in Elizabeth City North Carolina. We worked together from September 15 to October 3, 2005. Albemarle Hospital is licensed to do brachytherapy, but none was done during those 3 weeks. The work involved the instructing and/or supervising of Virginia Lockamy about the procedures used at Albemarle. Most of these procedures were for the Varian linear accelerator. This included the calibration of the linear accelerator, monthly checks and a review of the annual calibration. A review of the Varian Eclipse treatment planning system and the RadCalc dose calculation program was also done.

Steven M Babcock has been on Florida Radioactive Material licenses affiliated with Naples Community Hospital. The license series is 1275.

A handwritten signature in black ink that reads "Steven M Babcock". The signature is written in a cursive, flowing style with a long horizontal line extending from the end.