St. Anthony's Medical Center

St. Anthony's Medical Center
Radiation Oncology Department
10010 Kennerly Road
St. Louis, MO 63128
Phone: 314-525-1688
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Eric J. Sutphen, M.D.
James Marks, M.D.
Radiation Oncologists

David Keys, Ph.D.
Elizabeth Caspari, M.S.
Radiological Physicists

To: Toye Simmons	Fax: 630-515-1028
From: David Keys, PhD	Date: 3/18/09
Re:	Pages: 6
Cc:	

☐ Urgent	☒ For Review	☐ Please comment	☐ Please reply	☐ Please recycle

MESSAGE:

Here is the whole amendment.

St. Anthony's Medical Center
10010 Kennerly Rd.
St. Louis, MO 63128

February 5, 2009

U.S. Nuclear Regulatory Commission
Region III
Material Licensing Section
2443 Warrenville Road STE 210
Lisle, IL 60532-4352

Re: License No. 24-01041-04

Dear Sir or Madam:

St. Anthony's Medical Center would like to request a change in our Material License. The first change involves the removal of Andy Zhu, PhD as an Authorized Medical Physicist from our Materials License.

The second change is the addition of Elizabeth Caspari, MS as an Authorized Medical Physicist. We would like to add her for use of materials under 10CFR 35.600 for iridium-192 in the GammaMed 12it and Gammamed Plus high dose rate afterloading units. Please find enclosed NRC Form 313A (AMP).

If you require further information on this amendment do not hesitate to call David J Keys, Ph.D. in the Radiation Therapy Department at (314) 525-4064.

Sincerely,

David J. Keys

David J Keys, Ph.D., FACR
Radiation Safety Officer
St. Anthony's Medical Center

NRC FORM 313A (AMP) (10-2006) U.S. NUCLEAR REGULATORY COMMISSION

AUTHORIZED MEDICAL PHYSICIST TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.51]

APPROVED BY OMB: NO. 3150-0120
EXPIRES: 10/31/2008

Name of Proposed Authorized Medical Physicist
Elizabeth S. Caspari, MS

Requested Authorization(s) (check all that apply)

- ☐ 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)

PART I – TRAINING AND EXPERIENCE
(Select one of the three 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. 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.

☐ **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

☒ **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	Major Field
Masters of Science	Physics
College or University	
University of Missouri – St. Louis	

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.

☒ Yes. Completed 1 year of full-time training in medical physics (for areas identified below) under the supervision of David J. Keys, PhD who meets the requirements for an Authorized Medical Physicist.

AND

☒ Yes. Completed 1 year of full-time work experience in medical physics (for areas identified below) under the supervision of David J. Keys, PhD 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	Forest Park Hospital, St. Louis, MO St. Anthony's Medical Center, " " Gammamed 12 it, Gammamed Plus 24-01041-04 (SAMC) / 24-00752-01 (Forest Park)	6/06 - 6/07	6/07 - present (2/09)
Performing sealed source leak tests and inventories	Forest Park Hospital St. Anthonys Medical Center	"	"
Performing decay corrections	" "	"	"
Performing full calibration and periodic spot checks of external beam treatment unit(s)			
Performing full calibration and periodic spot checks of stereotactic radiosurgery unit(s)			
Performing full calibration and periodic spot checks of remote afterloading unit(s)	" "	"	"
Conducting radiation surveys around external beam treatment unit(s), sterotactic radiosurgery unit(s), remote after loading unit(s)	" "	"	"

Supervising Individual**

David J. Keys, PhD

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

24-01041-04 (SAMC) / 24-00752-01 (Forest Park)

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	David J. Keys, PhD at Forest Park Hospital and St. Anthony's Med Center, St. Louis, MO 6/06 – present (2/09)		
Safety procedures for the device use	"		
Clinical use of the device	"		
Treatment planning system operation	"		

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

David J. Keys, PhD

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

24-01041-04 (SAMC) / 24-00752-01 (Forest Park)

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			

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 Elizabeth Caspari 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 Elizabeth Caspari 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 Elizabeth Caspari 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
David J. Keys, PhD	David J. Keys, PhD	314-525-1688	2/5/09

License/Permit Number/Facility Name
24-01041-04 St. Anthony's Medical Center