

March 3, 2016

Lester Tripp  
U.S. Nuclear Regulatory Commission Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

Licensee: Camden-Clark Memorial Hospital Corporation  
License No.: 47-09772-02

Dear Mr. Tripp,

This letter is to respond to your questions contained in a phone call dated 2/23/2016 at 1:09 PM. The three physicists to be added to the CCMC license were trained on the specific unit here at CCMC by Nicole Bunda, M.Sc. who is currently listed on 47-09772-02. A scanned copy of the training document is enclosed.

With regard to Dr. Saif, we have obtained an additional license for him from South Carolina license No. 676 the Greenville Hospital System where he is listed for Ir-192 in an HDR unit. A scanned copy is enclosed for your use. The query to Oklahoma's licensing bureau did not go as well. We have an email from them indicating he is on a license as an AMP but could not send us a copy for security reasons. However, you can contact them and they will verify his status. A scanned copy of the email is enclosed with contact information.

If you have any questions or comments to this response, please do not hesitate to contact our RSO, Dan Berkley at 724 454 2371 or [dberkley@ccmh.org](mailto:dberkley@ccmh.org).

Sincerely,



David McClure, FACHE  
Chief Executive Officer  
Camden Clark Medical Center

Enclosure(s)

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
RADIOACTIVE MATERIAL LICENSE**

Pursuant to the Atomic Energy and Radiation Control Act, Section 13-7-40 et seq. of S.C. Code of Laws of 1976, as amended, and Supplements thereto, and the South Carolina Department of Health and Environmental Control Regulation 61-63, Radioactive Material (Title A), and in reliance on statements and representations heretofore made by the applicant, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations of the South Carolina Department of Health and Environmental Control now or hereafter in effect and to any conditions specified below.

Amendment No. 27 amends

LICENSEE		3. License Number:
1. Name:	Greenville Hospital System Cancer Centers of the Carolinas	676 in its entirety.
2. Address:	900 West Faris Road Greenville, SC 29605	4. Expiration Date:  March 31, 2012
5. Radioactive Material (Element & Mass No.)	6. Chemical and/or Physical Form	7. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time.
A. Any radioactive material identified in RHA 4.46, Part IV, Department Regulation 61-63.	A. Any brachytherapy source identified in RHA 4.46, Department Regulation 61-63.	A. As needed.
B. Cesium 137	B. Sealed source registered pursuant to RHA 2.29, 10 CFR 32.210 or an equivalent Agreement State regulation.	B. 110 millicuries.
C. Strontium 90	C. Sealed source registered pursuant to RHA 2.29, 10 CFR 32.210 or an equivalent Agreement State regulation.	C. 10 millicuries.
D. Cobalt 57	D. Sealed source registered pursuant to RHA 2.29, 10 CFR 32.210 or an equivalent Agreement State regulation.	D. 20 millicuries.
E. Iridium 192	E. Sealed source (GammaMed 232)	E. 21 Curies. No single source to exceed 15 curies.
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**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
**Radioactive Material License**  
**Supplementary Sheet**

License No. 676  
 Amendment No. 27

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8. Authorized Use:
- A. Medical use described in RHA 4.46, Department Regulation 61-63.
  - B. Reference and calibration source.
  - C. Reference and calibration source.
  - D. Reference and calibration source.
  - E. For use in a Varian GammaMedplus HDR remote afterloading brachytherapy unit for interstitial, intracavitary and/or intraluminal treatment of cancer in humans as identified in RHA 4.58.
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Conditions

- 9. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
- 10. The licensee shall comply with the provisions of Title A, Department Regulation 61-63; Part I - General Provisions; Part II - Licensing of Radioactive Materials; Part III - Standards for Protection Against Radiation; Part IV - Use of Radionuclides in the Health Professions; and Part VI - Notices, Instructions, and Reports to Workers; Inspections.
- 11. Radiation Safety Officer: Mitchell G. Randall, M.S.
- 12. I. Authorized Users:
  - A. Lewis N. Terry, M.D., for medical uses identified in RHA 4.46 and 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - B. Dale L. Duncan, M.D., for medical uses identified in RHA 4.46 and 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - C. Jeanette L. Wilcox, M.D., for medical uses identified in RHA 4.46 and 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - D. Michael D. Zurenko, M.D., for medical uses identified in RHA 4.46 and 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - E. Catherine Ferguson, M.D., for medical uses identified in RHA 4.46 and 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - F. David J. Bush, M.D., for medical uses identified in RHA 4.46 and 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.

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II. Authorized Medical Physicists:

- A. Mitchell G. Randall, M.S., as an authorized medical physicist for medical uses identified in RHA 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - B. Linda Bauer, M.S., as an authorized medical physicist for medical uses identified in RHA 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - C. Harith Sagif, Ph.D., as an authorized medical physicist for medical uses identified in RHA 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
  - D. Itham Kana, M.S., as an authorized medical physicist for medical uses identified in RHA 4.58 (Iridium-192 for use in a High Dose Rate Remote Afterloader Unit), Department Regulation 61-63.
13. The licensee may hold radioactive material with a physical half life of less than 120 days for decay-in-storage before disposal in ordinary trash. For radioactive material disposed of in this manner, the licensee shall maintain a record of each disposal for three years. The record must include the date of disposal, the date on which the material was placed in storage, the model and serial number of the survey instrument used, the background exposure rate, the radiation exposure rate measured at the surface of each waste container, and the name of the individual who performed the disposal. This waste shall be held for decay a minimum of ten half lives, and its radioactivity shall be undistinguishable from background radiation levels at the time of disposal.
14. Except as specifically provided otherwise in this license and except as provided by RHA 4.14, Department Regulation 61-63, the licensee shall conduct his program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures listed below. The Department's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Renewal application with attachments dated October 27, 2003.
  - B. Letter with attachments received March 9, 2004.
  - C. Letter with attachments dated September 28, 2007, signed by Mitchell G. Randall.
  - D. Letters dated November 5, and November 8, 2007, signed by Mitchell G. Randall.

Date of Issuance: February 6, 2009

For the South Carolina Department  
of Health and Environmental Control

By: 

Aaron A. Gantt, Chief  
Bureau of Radiological Health

DHEC 812 (11/81)

**FW: Muskogee Regional Medical Center, LLC**

Saif, Harith [harith.saif@wvumedicine.org]

**Sent:** Friday, February 26, 2016 8:54 AM**To:** Dan Berkley

Hi Dan,

See the e-mail below from OK department of DEQ, Let me know if this is help. Or you could contact them your self if need more information. Let me know .Thanks.

Harith

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**From:** Brewer, Michelle J. [Michelle.Brewer@deq.ok.gov]**Sent:** Thursday, February 25, 2016 4:24 PM**To:** Saif, Harith**Subject:** Muskogee Regional Medical Center, LLC

I just spoke with our security person Kevin Sampson and he indicated that since the license contains Security Related Information it would be best if you obtained a copy of the license from Muskogee directly. I have the following email address for Shawn Heldebrandt ([Shawn.Heldebrandt@sjmc.org](mailto:Shawn.Heldebrandt@sjmc.org)). I also have the email address [Belinda.farmer@capellahealth.com](mailto:Belinda.farmer@capellahealth.com). Both of those individuals should be able to provide you with a copy of the license. If you have any issues in acquiring a copy from them please let me or [Kevin.Sampson@deq.ok.gov](mailto:Kevin.Sampson@deq.ok.gov) know.

You are currently listed on Amendment No. 64 of OK-13157-01. If Virginia needs me to confirm that you are authorized or provide them with the information I should be able to do that without any issue.

Thanks,

*Michelle J. Brewer*Environmental Program Specialist  
Department of Environmental Quality  
Radiation Management Section

Office: 405-702-5170

Fax: 405-702-5101

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Signature Sheet for Annual Training for Safety with the Nucletron HDR unit.

Year: 2016

Name of Trainee (Print)	Date Trained	Trainee Signature	Trainer Signature
R. Alfredo C. Siocchi	2/24/2016	<i>R. Alfredo C. Siocchi</i>	<i>N. B. R.</i>
JOSHUA HACK	2/24/2016	<i>Joshua Hack</i>	<i>N. B. R.</i>
HARITH SAIF	3/3/2016	<i>Harith Saif</i>	<i>N. B. R.</i>

TRAINER: NICOLE BUNDA-RANDALL