

Department of Radiation Oncology



800 Garfield Avenue
P.O. Box 718
Parkersburg, WV 26102
(304) 424-2744
Fax (304) 424-2717

Br.1

December 11, 2015

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 *103003390*

To Whom It May Concern,

This letter is to inform you that as of January 4, 2016, the Radiation Oncology department at West Virginia University Hospital will be providing the physics oversight for our Radiation Oncology department at Camden Clark Medical Center. For this reason, we would like to add to our License (NRC #47-09772-02), the following Authorized Medical Physicists. They are currently listed on the West Virginia University Hospital License (NRC# 47-23066-02).

Joshua Hack for Iridium 192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training

Alfredo Ramon Siochi for Iridium 192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training

Additionally, please add Harith Saif Ph.D. as an Authorized Medical Physicist for Iridium 192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot-checks, and training. Documentation is supplied showing Mr. Saif as an Authorized Medical Physicist on Oklahoma License, DEQ Login No. 221789.

Please do not hesitate to contact me if you have any questions regarding this request at (724) 454 2371.

Sincerely,

David K. McClure
President and Chief Executive Officer
Camden Clark Medical Center
800 Garfield Avenue
Parkersburg, WV 26102

Enclosures

REC R6 101 19 15 AM 10/28

590018

INSTRUMENT MATERIALS-002



November 18, 2015

Camden Clark Medical Center
Dan Berkley, RSO
800 Garfield Avenue
Parkersburg, WV 26101

This letter is to verify that Alfredo Ramon Siochi is currently an Authorized Medical Physicist under the West Virginia University Hospital, US NRC Broad Scope License #47-23066-02 expiration 5/31/2022. Dr. Siochi is authorized for the following as a Medical Physicist.

- 10 CFR 35.400 – Radioactive Sources for manual brachytherapy in therapeutic medical applications (LDR)
- 10 CFR 35.600 – Radioactive sealed sources in remote after loaders unit (HDR)
 - *Radioactive sealed sources in Zeiss Intrabeam system for Intra-operative irradiation
- 10 CFR 35.600 – ELEKTA Instruments AB Model Leksell Gamma Knife Perfexion gamma stereotactic radiosurgery until (GSR)

If any further information is needed please feel free to contact the Radiation Safety Department.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nasser Razmianfar', with a long horizontal line extending to the right.

Nasser Razmianfar
Director & Radiation Safety Officer

ROBERT C. BYRD HEALTH SCIENCES CENTER
WEST VIRGINIA UNIVERSITY
WVU HOSPITALS
JEFFERSON MEMORIAL HOSPITAL

PO Box 9006 | G-139 HSC North
Morgantown, WV 26506-9006
☎ 304.293.3413 📠 304.293.4529

December 1, 2015

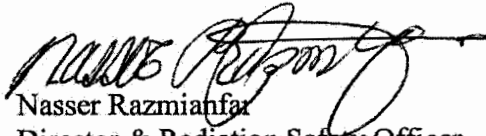
Camden Clark Medical Center
Dan Berkley, RSO
800 Garfield Avenue
Parkersburg, WV 26101

This letter is to verify that Joshua Hack is currently an Authorized Medical Physicist under the West Virginia University Hospital, US NRC Broad Scope License #47-23066-02 expiration 5/31/2022. Joshua is authorized for the following as a Medical Physicist.

- 10 CFR 35.600 – Radioactive sealed sources in remote after loaders unit (HDR)
- 10 CFR 35.600 – ELEKTA Instruments AB Model Leksell Gamma Knife Perfexion gamma stereotactic radiosurgery unit (GSR)
- 10 CFR 35.400 – Radioactive Sources for manual brachytherapy in therapeutic medical applications (LDR)

If any further information is needed please feel free to contact the Radiation Safety Department.

Sincerely,


Nasser Razmianfar
Director & Radiation Safety Officer

ROBERT C. BYRD HEALTH SCIENCES CENTER
WEST VIRGINIA UNIVERSITY
WVU HOSPITALS
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Morgantown, WV 26506-9006
☎ 304.293.3413 ☎ 304.293.4529

FILE COPY



SCOTT A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

February 3, 2015

Harith Saif, Ph.D.,
Muskogee Regional Medical Center, LLC
dba Eastar Health System
300 Rockefeller Drive
Muskogee, OK 74401

RE: Edit machines, delete AU's and AMP's
Login No.: 221789

Dear Dr. Saif:

Please find enclosed Amendment No. 09 to Permit No. T006. You should review this permit carefully and be sure that you understand all conditions. If you have any questions, you may contact Michelle Brewer at (405) 702-5170.

The Department of Environmental Quality (DEQ) expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with DEQ requirements, you must conduct your radiation safety program according to the conditions of your DEQ license, representations made in your license application, and DEQ Radiation Management Rules. In particular, note that you must:

1. Operate by Oklahoma Administrative Code (OAC) 252:410-23 (10 CFR Part 19), "Notices, Instructions and Reports to Workers: Inspection and Investigations," OAC 252:410-20 (10 CFR Part 20), "Standards for Protection Against Radiation," and other applicable rules;
2. Notify DEQ in writing of any change in your mailing address;
3. Notify DEQ, promptly, in writing and request termination of the license:
 - a. When you decide to terminate all activities involving materials authorized under the license; or
 - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material;
4. Submit an application for and obtain a license amendment before you:
 - a. Change Radiation Safety Officers;
 - b. Order byproduct material more than the amount or form authorized on the license;
 - c. Add or change the areas or address(es) of use identified in the license application or on the license; or
 - d. Change the name or ownership of your organization;

707 NORTH ROBINSON, P.O. BOX 1677, OKLAHOMA CITY, OKLAHOMA 73101-1677

printed on recycled paper with soy ink



FEB 03 2015

JK

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

FILE COPY

PERMIT FOR THERAPEUTIC RADIATION PRODUCING EQUIPMENT

Pursuant to the Oklahoma Radiation Management Act (27A O.S. §2-9-101, *et seq.*) and the Oklahoma Radiation Management Rules (Rules) at Oklahoma Administrative Code (OAC) 252:410, including rules incorporated by reference from Title 10 of the Code of Federal Regulations, and in reliance on statements and representations heretofore made by the permittee, a permit is hereby issued authorizing the permittee to receive, acquire, possess, and transfer the source(s) of radiation (byproduct, source and special nuclear material, accelerator produced material, radium sealed sources and/or radiation machines) designated below; to use such source(s) for the purpose(s) and at the place(s) designated below; and to deliver or transfer such source(s) of radiation to persons authorized to receive it in accordance with applicable rules. This permit is subject to all applicable rules and orders of the Oklahoma Department of Environmental Quality (DEQ) now or hereafter in effect and to any conditions specified below.

| | |
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| <p style="text-align: center;">Permittee</p> <p>1. Muskogee Regional Medical Center, LLC dba Eastar Health System</p> <p>2. 300 Rockefeller Drive Muskogee, Oklahoma 74401</p> | <p>In accordance with an application dated November 24, 2014 and January 21, 2015</p> <p>3. Permit number T006 is amended in its entirety to read as follows:</p> <p>4. Expiration date June 30, 2017</p> <p>5. DEQ Login No. 221789</p> |
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- | | | |
|--|---|---|
| <p>6. Type of equipment authorized</p> <ul style="list-style-type: none"> A. Varian Novalis TX B. Pantak SXT 150 C. Philips Brilliant CT Big Bore D. Varian on Board Imaging E. BrainLAB Exactrac | <p>7. Maximum x-ray energy</p> <ul style="list-style-type: none"> A. 18 MV B. 120 kVp C. 140 kVp D. 140 kVp E. 140 kVp | <p>8. Maximum electron energy</p> <ul style="list-style-type: none"> A. 22 MeV |
|--|---|---|

9. Authorized use
- A. through C. Therapeutic use
 - D. through E. Patient imaging, treatment planning and simulation
- | | |
|---|---|
| <p>10. Authorized Practitioners</p> <ul style="list-style-type: none"> A. Daniel P. Murphy, M.D. B. Selamawit Negusse, M.D. | <p>11. Authorized Medical Physicist</p> <ul style="list-style-type: none"> A. Shawn Haldebrandt, M.S. B. Harith Saif, Ph.D. |
|---|---|

CONDITIONS

- 12. Permitted radiation machines shall be used only at 300 Rockefeller Drive, Muskogee, Oklahoma.
- 13. The Radiation Safety Officer (RSO) for this permit is Harith Saif, Ph.D.

FEB 03 2015

JS

Muskogee Regional Medical Center, LLC
dba Eastar Health System
February 3, 2015
Page 2

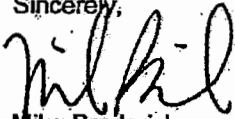
5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of Radiation Management Rules.

In addition, when submitting an application for amendment, renewal or termination, please use DEQ FORM #410-313. This form requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true, accurate and complete to the best of the applicant's knowledge. The application should also contain signed statements required in OAC 252:410-7-3(c)(2) pertaining to the training, qualifications and authority of the radiation safety officer and individuals performing or supervising the applicant's radiation management activities, including a commitment to comply with the Oklahoma Radiation Management Rules. The signatory for the application should be the licensee or certifying official rather than a consultant.

DEQ will periodically inspect your radiation safety program. Failure to conduct your program according to Radiation Management Rules, license conditions, and representations made in your license application and supplemental correspondence with DEQ may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license.

Thank you for your cooperation.

Sincerely,



Mike Broderick
Environmental Programs Manager
Radiation Management Section
Land Protection Division

MB/mjb

Enclosures: As stated

Permit for Radiation Producing Equipment
Supplementary Sheet

Permit No.

T006

DEQ Login No.

221789

Amendment No.

09

14. Except as specifically provided otherwise in this permit, the permittee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Radiation Management rules shall govern unless the statements, representations, and procedures in the permittee's application and correspondence are more restrictive than the rules.

- A. Application dated June 4, 2007
- B. Letter dated January 5, 2008
- C. Letter dated January 25, 2011
- D. E-mail dated March 10, 2014

FOR THE DEPARTMENT OF ENVIRONMENTAL QUALITY

Date

2/3/15

By

Mike Broderick
Mike Broderick
Environmental Programs Manager
Radiation Management Section
Land Protection Division

This is to acknowledge the receipt of your letter/application dated

12/11/2015, and to inform you that the initial processing which includes an administrative review has been performed.

There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 590018.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.