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March 18, 2016

Roberto J. Torres, M.S.

DNMS

Senior Health Physicist

U. S. Nuclear Regulatory Commission, Region IV

1600 E. Lamar Blvd.

Arlington, TX 76011-4511

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

- ☐ A.3 Sensitive-Security Related
☐ A.7 Sensitive Internal
☐ Other: _____

Reviewer: MT Date: 4/6/16

Re: License 49-01380-01

Subj: Appointment of Radiation Safety Officer and Authorized Medical Physicist

Dear Mr. Torres;

Under the requirements of part 35.14(1), I am writing to notify you that Todd A. Christensen MS DABR who served as our Radiation Safety Officer is no longer with Cheyenne Regional Medical Center, effective March 14, 2016.

Under part 35.24(c) I would like to appoint J. Michael Seamon, MS DABR as Radiation Safety Officer. Also, I request an amendment to our license to name Mr. Seamon as Radiation Safety Officer and as an Authorized Medical Physicist. Please find attached a completed copy of the required 'Delegation of Authority', a copy of Radioactive Materials License 'Colo. 263-01, Amendment Number 81' which names Mr. Seamon as the Radiation Safety Officer and an Authorized Medical Physicist. A copy of Mr. Seamon's American Board of Radiology certificate is also included for your consideration.

Thank you,


Jeffery Chapmann, M.D., C.M.O.

590522

DELEGATION OF AUTHORITY

Memo To: Radiation Safety Officer

From: Chief Medical Officer

Subject: Delegation of Authority

You, J. Michael Seamon, M.S. DABR, have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible, as an alternate, for managing the Radiation Protection Program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations where justified to maintain radiation safety. You are required to notify management if staff does not cooperate and does not address radiation safety issues. In addition, you are free to raise issues with The United States Nuclear Regulatory Commission at any time.

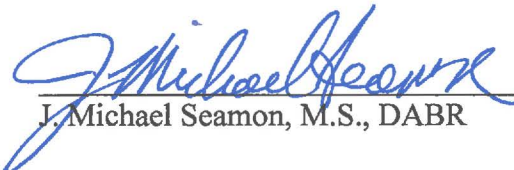


Jeffery Chapman, M.D., C.M.O.

3/18/16

Date

I accept the above responsibilities,



J. Michael Seamon, M.S., DABR

3-18-2016

Date

The American Board 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,
and the Association of University Radiologists*

Hereby certifies that

Joseph Michael Seamon, M.S.

*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 twenty-fifth day of November, 1991

*Thereby demonstrating to the satisfaction of the Board
that he is qualified to practice the specialty of*

Therapeutic Radiological Physics



James F. Thompson, M.D.
President

Douglas Maynard, M.D.
Secretary-Treasurer

Forrest L. Frabutt, M.D.
Executive Director



STATE OF COLORADO

RADIOACTIVE MATERIALS LICENSE



Colorado Department
of Public Health
and Environment

Pursuant to the Colorado Radiation Control Act, Title 25, Article 11, Colorado Revised Statutes, and the State of Colorado Rules and Regulations Pertaining to Radiation Control (the Regulations), and in reliance on statements and representations heretofore made by the licensee designated below; a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material(s) designated below; and to use such radioactive material(s) for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations, and orders now or hereafter in effect of the Colorado Department of Public Health and Environment and to any conditions specified below.

1. Licensee: North Colorado Medical Center
2. Mailing Address: 1801 16th Street, Greeley, Colorado 80631
3. License Number: Colo. 263-01, Amendment Number 81
4. Expiration date: September 30, 2013
5. Authorized Storage/Use Locations:
 - A. 1801 16th Street, Greeley, Colorado 80631
 - B. 2001 70th Avenue, Greeley, Colorado 80634
6. The Designated Radiation Safety Officer is: J. Michael Seamon, M.S.;
The Designated Alternate Radiation Safety Officers are: Steven M. Jones, M.S.; Timothy G. Kensora, M.S.; and Joel R. McAllister, M.S.
7. Radiation Safety Officer Contact Number: (970) 350-6692
8. Fee Category: 7.C
9. Reference Number:

CONDITIONS

10. Authorized Radioactive Material and Uses:

- A. The licensee is authorized to possess and use any unsealed radioactive material for uptake, dilution, or excretion studies which has been prepared for medical use in accordance with the requirements of Section 7.30 of the Regulations. The licensee shall not possess more than 370 GBq (10 Ci) of these materials at any one time.

1.

STATE OF COLORADO
RADIOACTIVE MATERIALS LICENSE

- B. The licensee is authorized to possess and use any unsealed radioactive material for imaging and localization studies which has been prepared for medical use in accordance with the requirements of Section 7.32 of the Regulations. The licensee shall not possess more than 370 GBq (10 Ci) of these materials at any one time.
- i. This authorization includes radioactive aerosols and gases in accordance with Section 7.34 of the Regulations.
 - ii. This authorization includes positron-emitting isotopes.
- C. The licensee is authorized to possess and use any unsealed radioactive material for which a written directive is required which has been prepared for medical use in accordance with the requirements of Section 7.36 of the Regulations. The licensee shall not possess more than 370 GBq (10 Ci) of these materials at any one time.
- i. Use of any unsealed radioactive material for diagnostic or therapeutic medical use for which a written directive is required in accordance with Section 7.36.2 of the Regulations
 - ii. Use limited to oral administration of ≤ 1.22 GBq (33 mCi) of I-131 Sodium Iodide in accordance with Section 7.36.3 of the Regulations
 - iii. Use limited to oral administration of > 1.22 GBq (33 mCi) of I-131 Sodium Iodide in accordance with Section 7.36.4 of the Regulations
 - iv. Use limited to parenteral administration in accordance with Section 7.36.5 of the Regulations.
- D. The licensee is authorized to possess and use sealed sources in accordance with Section 7.40 of the Regulations for diagnosis. The licensee shall not possess more than 370 GBq (10 Ci) of these materials at any one time.
- E. The licensee is authorized to possess and use sealed sources in accordance with Section 7.42 of the Regulations for manual brachytherapy. The licensee shall not possess more than 370 GBq (10 Ci) of these materials at any one time.
- F. The licensee is authorized to possess and use 1 sealed source in accordance with Section 7.42 of the Regulations in an ophthalmic applicator. The total activity shall not exceed 2.96 GBq (80 mCi) of Sr-90.
- G. The licensee is authorized to possess and use 2 sealed sources in accordance with Section 7.48 of the Regulations for use in a GammaMedplus iX HDR Remote Afterloading Brachytherapy Unit. The total activity shall not exceed 777 GBq (21 Ci) of Ir-192. The source activity may not exceed 555 GBq (15 Ci) at the time of installation.
- H. The licensee is authorized to possess and use any radioactive materials specified in Section 7.19 of the Regulations for check, calibration, and reference use.
- I. The licensee is authorized to possess and use ^{99}Mo in $^{99}\text{Mo}/^{99\text{m}}\text{Tc}$ generators that are authorized in Part 7 of the Regulations. The licensee shall not possess more than 111 GBq (3 Ci) at any one time.

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RADIOACTIVE MATERIALS LICENSE**

- J. The licensee is authorized to possess and use not more than 999 kilograms of depleted uranium for shielding.

11. Authorized Users:

- A. Radioactive material authorized in Item 10 shall be used by or under the supervision of the following authorized users as specified:

Name of Authorized User	Description of Materials authorized
Mitchell D. Achee, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Gary W. Bauerle, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Mike E. Bennett, M.D.	10.A, 10.B
Sean Bryant, M.D.	10.A, 10.B
Ana G. Cajade-Law, M.D.	10.A, 10.B
Elizabeth A. Ceilley, M.D.	10.C.i, 10.E, 10.G
Harold L. Chapel, M.D.	10.B (limited to nuclear cardiology)
Phillip S. Cook, M.D.	10.A, 10.B
Michael DeGroot, M.D.	10.A, 10.B
Lin-Wang Dong, M.D.	10.B (limited to nuclear cardiology)
Lawrence L. Emmons, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Alexandra A. Fortner, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Brian G. Fuller, M.D.	10.G
Garret M. Gannuch, M.D.	10.A, 10.B
Stephen G. George, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
John P. Gerhold, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Scott A. Glasser, M.D.	10.A, 10.B
Richard F. Grzybowski, D.O.	10.A, 10.B
Steven R. Gunberg, D.O.	10.A, 10.B
John P. Harris, M.D.	10.A, 10.B
Cecilia Maria Hirsch, M.D.	10.B (limited to nuclear cardiology)
James G. Horgan, M.D.	10.A, 10.B
Paul G. Hurst, M.D.	10.B (limited to nuclear cardiology)
Terri L. Ingram, M.D.	10.A, 10.B
Zubeir N. Jaffer, M.D.	10.A, 10.B
Trystain Johnson, M.D.	10.A, 10.B
Robert J. Johnston, M.D.	10.A, 10.B
Jennifer L. Kemp, M.D.	10.A, 10.B
Craig M. Kornbluth, M.D.	10.A, 10.B
Adam E. Kowalski, M.D.	10.A, 10.B
Dan F. Kreider, M.D.	10.A, 10.B, 10.C.i
Michele M. Lajaunie, M.D.	10.A, 10.B
John Lewin, M.D.	10.A, 10.B
Kelly R. Lindauer, M.D.	10.A, 10.B
Gwen H. Lisella, M.D.	10.C.ii, 10.C.iii, 10.D, 10.E, 10.F, 10.G
Brian S. Lyle, M.D.	10.B (limited to nuclear cardiology)
Kim I. McMillin, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii

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Name of Authorized User	Description of Materials authorized
Randy J. Mound, M.D.	10.A, 10.B
Todd P. Nelson, M.D.	10.A, 10.B
Lisa M. Niebergall, M.D.	10.A, 10.B
James E. Quillen, M.D.	10.B (limited to nuclear cardiology)
Daniel J. Raque, M.D.	10.A, 10.B
Eric W. Robbins, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
John C. Roth, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Carol A. Rymer, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Richard M. Ruderman, M.D.	10.A, 10.B
Michael J. Sassman, M.D.	10.A, 10.B
Detrich Schultze, M.D.	10.A, 10.B
Stephen H. Shealy, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Ahmad H. Shihabi, M.D.	10.B (limited to nuclear cardiology)
Brian M. Steele, M.D.	10.A, 10.B
Danit Talmi, M.D.	10.A, 10.B
Janice J. Ugale, M.D.	10.A, 10.B
Wayne W. Wenzel, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Marjorie M. Heare Wiedeman	10.A, 10.B
James P. Wilson, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii
Charles Edwin Winn II, M.D.	10.A, 10.B
Raymond V. Yost, M.D.	10.A, 10.B, 10.C.ii, 10.C.iii

- B. Radioactive material authorized in Item 10.H, 10.I, and 10.J may be used by or under the supervision of any of the authorized users listed above and by the designated Radiation Safety Officer and alternate RSOs and authorized medical physicists listed on this license.
- C. The following individuals are designated as authorized medical physicists for: A) therapeutic use of unsealed radioactive materials; B) manual Brachytherapy; C) Low Dose Rate (LDR) Brachytherapy; D) Medium Dose Rate (MDR) Brachytherapy; and E) High Dose Rate (HDR) Brachytherapy: Steven M. Jones, M.S.; Timothy G. Kensora, M.S.; Rick E. Peters, M.S.; and J. Michael Seamon, M.S.
- D. The Radiation Safety Officer shall maintain documentation of the training and experience for each authorized user of radioactive materials. This documentation shall include for each user: a copy of the applicable board certifications, preceptor statements, and any other relevant training documents.

12. General Requirements:

- A. The licensee shall comply with the all applicable provisions of the Regulations including: Part 1, "General Provisions"; Part 3, "Licensing of Radioactive Material"; Part 4, "Standards for Protection Against Radiation"; Part 7, "Use of Radionuclides in the Healing Arts"; Part 10, "Notices, Instructions and Reports to Workers; Inspections"; and Part 17, "Transportation of Radioactive Material".

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- B. The Radiation Safety Officer shall maintain documentation of the training and experience for each person who uses radioactive materials under the supervision of an authorized user.
- C. Each person who uses radioactive material under the supervision of an authorized user shall be supervised and receive instruction in accordance with the requirements of Section 7.10 and Section 10.3 of the Regulations.
- D. The licensee shall not transfer possession and/or control of radioactive materials or items contaminated with radioactive material except: by transfer of waste to an authorized recipient; by transfer to a specifically licensed recipient; or, as provided otherwise by specific condition of this license pursuant to the requirements of Part 3, Section 3.22 of the Regulations.
- E. Radioactive material authorized by Item 10 of this license shall be stored and used in a manner that will preclude possession or use by unauthorized personnel.
- F. The licensee shall ensure that information listed in this license is correct and accurate. The licensee shall notify the Department in writing within ten (10) days whenever the information contained in Items 1 through 7 above is no longer current or determined to be incorrect.
- G. The licensee may transport radioactive material or deliver radioactive material to a carrier for transport in accordance with the provisions of Part 17 of the Regulations and the requirements of U.S. Department of Transportation (49 CFR).
- H. The licensee shall not make any false statement, representation, or certification in any application, record, report, plan, or other document regarding radiation levels, tests performed or radiation safety conditions or practices.

13. Specific Radiation Safety Requirements:

- A. Each sealed source authorized in Item 10 of this license or in Section 7.19 of the Regulations shall be tested for leakage and/or contamination in accordance with the requirements of Section 7.20.2 of the Regulations, and Part 4, Section 4.16 of the Regulations, at intervals not to exceed six (6) months.
- B. The licensee shall acquire and maintain a current copy of the applicable Sealed Source and Device Registry Evaluation for each brachytherapy device/source in use by the licensee. Unless alternative operating procedures are specifically authorized by this license, the licensee shall comply with the safety precautions and limitations established in the applicable device registry evaluation.
- C. Source installation and maintenance of the HDR device authorized in Item 10.G shall be performed in accordance with Section 7.49 of the Regulations.

STATE OF COLORADO
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14. Special License Requirements:

- A. A licensee preparing radioactive drugs from ^{99}Mo / $^{99\text{m}}\text{Tc}$ generators shall measure the concentration of radionuclide contaminants in each eluate of a ^{99}Mo / $^{99\text{m}}\text{Tc}$ generator in accordance with Section 7.33 of the Regulations. Records of these tests shall remain on file for inspection by the Department for three (3) years.
- B. Radioactive materials that are authorized in Items 10.A. through 10.J. shall be used and stored at 1801 16th Street, Greeley, Colorado 80631. Radioactive materials that are authorized in Items 10.A, 10.B, 10.H, 10.I, and 10.J shall be used and stored at 2001 70th Avenue, Greeley, Colorado 80634.

15. Licensee Commitments and Reference Documents:

The State of Colorado Rules and Regulations Pertaining to Radiation Control shall govern unless the licensee's statements, representations, and procedures contained in the application and correspondence are more restrictive than the Regulations. Except as specifically provided otherwise by this license, the licensee shall possess and use radioactive material described in Item 10 of this license in accordance with the statements, representations, and procedures contained in:

- A. the application and attachments dated September 10, 2008; and
- B. the license correspondence and attachments dated October 30, 2008 (two letters); February 5, 2009; July 1, 2009, July 22, 2009 (email); July 31, 2009; August 12, 2009; August 26, 2009; April 28, 2010; June 23, 2010 (e-mail); July 7, 2010 (e-mail); August 9, 2010; October 13, 2010; November 4, 2010; December 8, 2010 (e-mail); February 23, 2011 (e-mail); July 26, 2011 (e-mail); August 3, 2011 (e-mail); September 13, 2011 (e-mail); September 21, 2011 (e-mail); and September 22, 2011.

FOR THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Date: October 6, 2011 By: Jennifer T. Opale

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ORIGIN ID:CYSA (866) 457-4579
CARDINAL HEALTH OPTIFREIGHT

CHEYENNE REG MED CTR
7000 CARDINAL PL
DUBLIN, OH 430171091
UNITED STATES US

SHIP DATE: 25MAR16
ACTWGT: 0.30 LB
CAD: /POS1622
DIMS: 0x0x0 IN

BILL SENDER

TO **ROBERTO J TORRES**
NRC LICENSING BRANCH
1600 E LAMAR BLVD

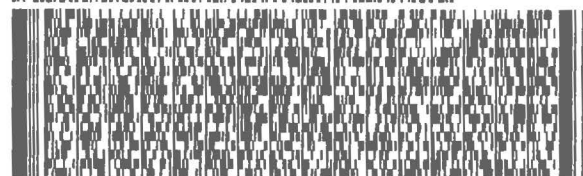
ARLINGTON TX 76011

(817) 200-1189

REF:

THU:
PO:

DEPT:



FedEx
Express



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Extren

For FedEx

Helping the environment.

SS
219
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Package
US Airbill

FedEx
Tracking
Number

8079 1724 4766

Form
ID No. 0215

4 Express Package Service *To most locations.
NOTE: Service order has changed. Please select carefully.

Next Business Day

- ☐ **FedEx First Overnight**
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☒ **FedEx Priority Overnight**
Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ **FedEx Standard Overnight**
Next business afternoon.* Saturday Delivery NOT available.

2nd
FedEx
Second
Saturday

FedEx
Second
will be
Delivered

FedEx
Third b.
Saturday

5 Packaging *Declared value limit \$500.

- ☒ **FedEx Envelope*** ☐ **FedEx Pak*** ☐ **FedEx Bo**

6 Special Handling and Delivery Signature Options

- ☐ **SATURDAY Delivery**
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

- ☐ **No Signature Required**
Package may be left without obtaining a signature for delivery.

- ☒ **Direct Signature**
Someone at recipient's address may sign for delivery. Fee applies.

- ☐ **Indirect Signature**
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

- ☒ **No** ☐ **Yes**
As per attached Shipper's Declaration.

- ☐ **Yes**
Shipper's Declaration not required.

- ☐ **Dry Ice**
Dry Ice, 9, UN 1845

- ☐ **Cargo Aircraft Only**

HOLD Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

HOLD Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

to J. Torres
r Health Physicist
Nuclear Regulatory Commission, Region IV
East Lamar Boulevard
ton, TX 76011-4511

ess or for continuation of your shipping address.



DATE

03/31/2016

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Mr. Todd A. Christensen, M.S., DABR
Radiation Safety Officer
Memorial Hospital of Laramie County
dba Cheyenne Regional Medical Center
310 East 24th Street
Cheyenne, Wyoming 82001

LICENSE NUMBER

49-01380-01

MAIL CONTROL NUMBER

590522

LICENSING AND/OR TECHNICAL REVIEWER

CH

This is to acknowledge the receipt of your:

☒ LETTER and/or ☐ APPLICATION DATED: 03/18/2016

The initial processing, which included an administrative review, has been performed.

☒ AMENDMENT ☐ TERMINATION ☐ NEW LICENSE ☐ RENEWAL

- ☐ There were no administrative omissions identified during our initial review.
- ☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.
- ☐ Your application for a new NRC license did not include your taxpayer identification number. Please fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

Your application has been assigned the above listed **MAIL CONTROL NUMBER**. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Boulevard
Arlington, TX 76011-4511
(817) 200-1140

✓ 3/31

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM WBL

Program Code: 02230
Status Code: Pending Amendment
Fee Category: 7C
Exp. Date:
Fee Comments: CODE 13
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: Memorial Hospital of Laramie County DBA Cheyenne Regional Medical Center
Received Date: 03/28/2016
Docket Number: 3003496
Mail Control Number: 590522
License Number: 49-01380-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____