

MHMP

418 East College Drive
Cheyenne, WY 82007
(307) 638-6648
Fax (307) 637-4315
frminuclear@aol.com

RECEIVED
JUL 19 2010
DNMS

July 8th, 2010

U.S. NRC Region IV
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125

To Whom It May Concern:

Mile High Mobile PET (MHMP) would like to request additional information be added to MHMP's NRC Radioactive Materials License #49-29310-01.

Please add the following Authorized User to MHMP's Radioactive Materials License:

Name of Authorized User

Mark E. Howshar, M.D.

How Qualified

NRC License #49-15978-01

Please update the location where licensed material may be stored titled "Cheyenne Radiology Group". The original application had the wrong address listed. All radioactive calculations for this location remain the same.

Change from:

Cheyenne Radiology Group, 1950 Bluegrass Circle, Cheyenne, Wyoming

Change to:

Cheyenne Radiology and MRI, P.C., 2003 Bluegrass Circle, Cheyenne, Wyoming

Please contact me if you have any additional questions regarding these changes at (307) 630-7558 or by email at FRMinuclear@aol.com.

Sincerely,



Lyle Johnson RT (R)(N)
Radiation Safety Officer

Mile High Mobile PET
Because Earlier is Better

5 7 3 2 7 4

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES
Amendment No. 23

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Ivinson Memorial Hospital</p> <p>2. 255 North 30th Street Laramie, Wyoming 82072-5195</p>	<p>In accordance with application dated September 17, 2008</p> <p>3. License number 49-15978-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date March 31, 2019</p> <hr/> <p>5. Docket No. 030-10133 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.400</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Sealed sources (Bard Brachytherapy, Model STM 1251; International Brachytherapy, Inc. OptiSeed¹⁰³ Model 1032p, Intersource Model 1251L, IsoAid, LLC Models IAI-125A, IAPd-103A; North American Scientific, Models MED3633, MED3631; Theragenics Corp. Models I-Seed Model I25.S06, TheraSeed Model 200 Series; Medi-Physics, Inc. Models 6711, 6733; Mills Biopharmaceuticals, LLC Models I-125 SL, I-125 SH, Best Medical International Inc. Model 2300 Series)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 5 curies total</p>
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NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 4 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
49-15978-01

Docket or Reference Number
030-10133

Amendment No. 23

9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

CONDITIONS

10. Licensed material shall be used or stored only at the licensee's facilities located at 255 North 30th Street, Laramie, Wyoming.

11. The Radiation Safety Officer for this license is Mark E. Howshar, M.D.

12. Licensed material is only authorized for use by, or under the supervision of:

- A. Individuals permitted to work as an authorized user, authorized nuclear pharmacist, and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for the materials and medical uses indicated:

Authorized Users

Material and Use

Mark E. Howshar, M.D.	35.100; 35.200
Robert Lawrence Tobin, M.D.	35.400
John D. Purviance, M.D.	35.400

13. For sealed sources not associated with 10 CFR Part 35 use, the following conditions apply:

- A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- D. Sealed sources need not be leak tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material.

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 3 of 4 PAGES

**MATERIALS LICENSE
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49-15978-01

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Amendment No. 23

- E. Sealed sources need not be leak tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region IV, 612 East Lamar Boulevard, Suite 400, Arlington, Texas 76011-4125, ATTN: Director, Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.
- G. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
14. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license.
16. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
17. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

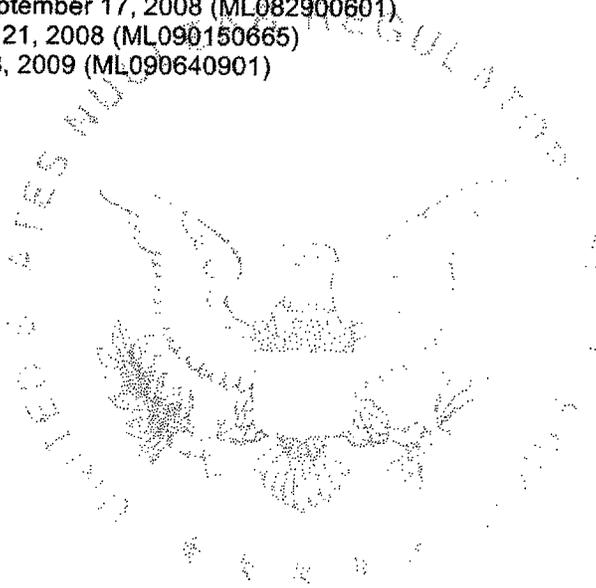
License Number
49-15978-01

Docket or Reference Number
030-10133

Amendment No. 23

18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated September 17, 2008 (ML082900601)
- B. Letter dated October 21, 2008 (ML090150665)
- C. E-mail dated March 3, 2009 (ML090640901)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date March 5, 2009

By

Roberto J. Torres, Senior Health Physicist
Nuclear Materials Safety Branch B
Region IV
Arlington, Texas 76011



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BOULEVARD, SUITE 400
ARLINGTON, TEXAS 76011-4125

March 5, 2009

Ivinson Memorial Hospital
ATTN: Mark E. Howshar, M.D.
Radiation Safety Officer
255 North 30th Street
Laramie, Wyoming 82072-5195

SUBJECT: LICENSE RENEWAL

Please find enclosed Amendment No. 23 to NRC License No. 49-15978-01 **renewing this license in its entirety**. An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14)(iv). You should review the enclosed document carefully and be sure that you understand all conditions. You can contact me at 817-860-8189 if you have any questions about this license.

NRC 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 NRC requirements, you must conduct your radiation safety program according to the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate by NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC in writing of any change in mailing address.
3. By 10 CFR 30.36(d) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
 - a. When you decide to terminate all activities involving materials authorized under the license whether at the entire site or any separate building or outdoor area;
 - b. If you decide not to acquire or possess and use authorized material; or
 - c. When no principal activities under the license have been conducted for a period of 24 months.
4. In accordance with 10 CFR 35.14, notify the NRC no later than 30 days after:
 - a. The date that the licensee permits an individual to work as an authorized user, an authorized nuclear pharmacist or an authorized medical physicist under 10 CFR 35.13(b)(1) through (b)(4);

Iverson Memorial Hospital

-2-

- b. An authorized user, an authorized nuclear pharmacist, a Radiation Safety Officer, or an authorized medical physicist permanently discontinues duties under the license or has a name change;
 - c. The licensee's mailing address changes;
 - d. The licensee's name changes, but the name change does not constitute a transfer of control of the license as described in 10 CFR 30.34(b); or
 - e. The licensee has added to or changed the areas of use identified in the application or on the license where byproduct material is used in accordance with either 35.100 or 35.200.
5. Request and obtain a license amendment before you:
- a. Change Radiation Safety Officers;
 - b. Order byproduct material in excess of the amount, radionuclide 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, except for areas of use where byproduct material is used only in accordance with either 10 CFR 35.100 or 35.200; or
 - d. Change the name or ownership of your organization.
6. 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 NRC regulations.

In addition, please note that NRC Form 313 requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant. Since the NRC also accepts a letter requesting amendment of an NRC license, the signatory for such a request should also be the licensee or certifying official rather than a consultant.

Iverson Memorial Hospital

-3-

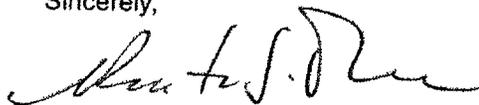
NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available on the following internet address: <http://www.nrc.gov/reading-rm/doc-collections/enforcement/>.

An electronic version of the NRC's regulations is available on the NRC Web site at www.nrc.gov. Additional information regarding medical uses of radioactive materials may be obtained on the NRC Web site at: <http://www.nrc.gov/materials/miau/med-use-toolkit.html>. This site also provides the updated Training and Experience NRC Form 313A series of forms and guidance, as well as information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,



Roberto J. Torres, Senior Health Physicist
Nuclear Materials Safety Branch B

Docket: 030-10133
License: 49-15978-01
Control: 471959

Enclosure: As stated

Wyoming Board of Medicine



320 West 25th Street, Ste 200
Cheyenne, WY 82002
Phone: (307) 778-7053 Fax: (307) 778-2069
Toll Free within state: (800) 438-5784
Email: wyomcdboard@state.wy.us
Website: http://wyomedboard.state.wy.us

Mark E Howshar, MD
2003 Bluegrass Circle
Cheyenne, WY 82009

License Type:

Physician

Expiration Date:

06/30/2011

License Number:

6390A

If any information is not correct notify Wyoming Board of Medicine at (307) 778-7053.

License Status:

Active

Initial License Date:

6/5/2000

Licensed Lapsed Date

6/30/2002

Reactivation Date

10/9/2004

WYOMING BOARD OF MEDICINE

Kevin D. Bohnenblust
Kevin D. Bohnenblust, Executive Director

Wyoming Board of Medicine



320 West 25th Street, Ste 200
Cheyenne, WY 82002
Phone: (307) 778-7053 Fax: (307) 778-2069
Toll Free within state: (800) 438-5784
Email: wyomedboard@state.wy.us
Website: http://wyomedboard.state.wy.us

If any information is not correct notify Wyoming Board of Medicine at (307) 778-7053.

Wyoming Board of Medicine

320 West 25th Street, Ste 200, Cheyenne, WY 82002

Mark E Howshar, MD
2003 Bluegrass Circle
Cheyenne, WY 82009

License No.:
6390A

Expiration Date :
06/30/2011

POCKET CARD →

DETACH AND CARRY WITH YOU

License Type: **Physician /Surgeon** **Active**
Is licensed in the State of Wyoming

Paid By: check
Check Number: 7178
Date Received: 6/24/2010
Amount Paid: \$ 250

Receipt Number: 7695

Mark E Howshar, MD
2003 Bluegrass Circle
Cheyenne, WY 82009

WYOMING CONTROLLED SUBSTANCE REGISTRATION

This certifies the following practitioner is registered with the Wyoming State Board of Pharmacy as required by the Wyoming Controlled Substance Act, 1971, and is authorized to dispense controlled substances in Wyoming through: June 30, 2011

Mark E. Howshar, M.D.

Wyoming Controlled Substance Number: **71MEH05**

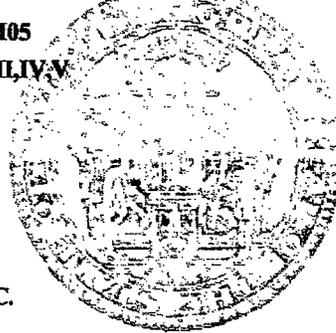
Business: **Practitioner**

Controlled Substance Schedules Authorized: **II,III,IV,V**

Date Issued: **4/8/2010**

Fee Paid: **\$40.00**

DEA Registration: **BH4135186**



Mark E. Howshar, M.D.
Cheyenne Radiology Group, P.C.
2003 Bluegrass Circle
Cheyenne, WY 82009-

Jennifer S. Nevins, R.Ph.
Secretary-Treasurer
Wyoming State Board of Pharmacy

P.1/3

TO: 4323969

JUL-2-2010 03:03P FROM:

460865

HOWSHAR, MARK E MD
CHEYENNE RADIOLOGY
2003 BLUEGRASS CIRCLE
CHEYENNE, WY 82009-0000-000



DEA REGISTRATION NUMBER	THIS REGISTRATION EXPIRES	FEE PAID
BH4135186	10-31-2012	\$551
SCHEDULES	BUSINESS ACTIVITY	ISSUE DATE
2,2N, 3,3N,4,5,	PRACTITIONER	09-01-2009
HOWSHAR, MARK E MD CHEYENNE RADIOLOGY 2003 BLUEGRASS CIRCLE CHEYENNE, WY 82009-0000		

CONTROLLED SUBSTANCE REGISTRATION CERTIFICATE
UNITED STATES DEPARTMENT OF JUSTICE
DRUG ENFORCEMENT ADMINISTRATION
WASHINGTON D.C. 20537

Sections 304 and 1008 (21 USC 824 and 958) of the Controlled Substances Act of 1970, as amended, provide that the Attorney General may revoke or suspend a registration to manufacture, distribute, dispense, import or export a controlled substance.

THIS CERTIFICATE IS NOT TRANSFERABLE ON CHANGE OF OWNERSHIP, CONTROL, LOCATION, OR BUSINESS ACTIVITY, AND IT IS NOT VALID AFTER THE EXPIRATION DATE.

CONTROLLED SUBSTANCE REGISTRATION CERTIFICATE
UNITED STATES DEPARTMENT OF JUSTICE
DRUG ENFORCEMENT ADMINISTRATION
WASHINGTON D.C. 20537

DEA REGISTRATION NUMBER	THIS REGISTRATION EXPIRES	FEE PAID
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HOWSHAR, MARK E MD CHEYENNE RADIOLOGY 2003 BLUEGRASS CIRCLE CHEYENNE, WY 82009-0000		

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THIS CERTIFICATE IS NOT TRANSFERABLE ON CHANGE OF OWNERSHIP, CONTROL, LOCATION, OR BUSINESS ACTIVITY, AND IT IS NOT VALID AFTER THE EXPIRATION DATE.

Form DEA-223 (4/07)

5 7 3 2 7 4

8-18-2010

DATE

This is to acknowledge the receipt of your letter/application dated 7-08-2010, and to inform you that the initial processing, which includes an administrative review, has been performed.

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

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

The action you requested is normally processed within 90 days.

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** 573274.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Colleen Murnahan
Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 02220
Status Code: Pending Amendment
Fee Category: 7C
Exp. Date:
Fee Comments:
Decom Fin Assur Reqd: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: MILE HIGH MOBILE PET
Received Date: 08/04/2010
Docket Number: 3037854
Mail Control Number: 573274
License Number: 49-29310-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed: Colleen Murnahan
Date: 8-04-2010

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: _____

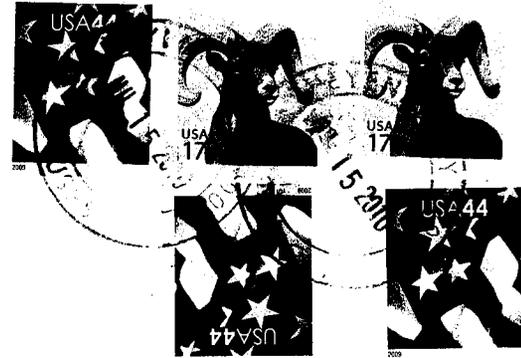
3. OTHER _____

Signed: _____
Date: _____

MHMP
418 East College Drive
Cheyenne, WY 82007

573274

POSTAGE DUE
EXCEEDS 7/4 IN THICKNESS



U.S. NRC Region IV
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125