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

May 23, 2008

Wyoming Medical Center
ATTN: Alan G. Douglas, M.S.
Radiation Safety Officer
1233 East Second Street
Casper, Wyoming 82601

SUBJECT: LICENSE AMENDMENT

Please find enclosed Amendment No. 75 to NRC License No. 49-00152-02 **authorizing the use of Theragenics Corporation Model 200 Pd-103 brachytherapy sealed sources as requested in your letter dated April 29, 2008.** 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);

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.

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/what-we-do/regulatory/enforcement/enforc-pol.pdf.

The NRC no longer publishes the NRC Rules and Regulations loose leaf supplements. However, an electronic version of the NRC's regulations is available on the NRC Web site at www.nrc.gov. To view these regulations, highlight "Electronic Reading Room" and choose "Regulations" on the drop down menu. An electronic version of the NUREG-1556 Series publications is also available on the NRC Web site. To view these guidance documents, highlight "Electronic Reading Room"; choose "All Collections" on the drop down menu; choose "NUREGS (NRC Reports)"; and select "Publications Prepared by the NRC Staff". Then, choose "NUREG-1556" from the table and select the appropriate volume(s) for your license type.

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,

/RA/

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

Docket: 030-03495
License: 49-00152-02
Control: 471807

Enclosure: As stated

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 75

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.

Licensee	In accordance with letter dated April 29, 2008
1. Wyoming Medical Center	3. License number 49-00152-02 is amended in its entirety to read as follows:
2. 1233 East Second Street Casper, Wyoming 82601	4. Expiration date May 31, 2015
	5. Docket No. 030-03495

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 1 curie
D. Any byproduct material identified in 10 CFR 35.400	D. Sealed Sources (Best Medical International, Inc., Model 81-01 Series; AEA Technology QSA Inc., Model CDC Series; 3M Health Physics Service, Model 6500 Series; North American Scientific, Inc., Model MED3633; Theragenics Corp., Model 200)	D. 2.9 curies
E. Any byproduct material permitted by 10 CFR 31.11	E. Prepackaged kits	E. 5 millicuries
F. Yttrium-90	F. Liquid as IDEC Pharmaceuticals Corp. Zevalin™	F. Not to exceed two sources, 110 millicuries total activity
G. Cobalt-57	G. Sealed source (International Isotopes Idaho, Model BM01-20)	G. 50 millicuries

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
49-00152-02

Docket or Reference Number
030-03495

Amendment No. 75

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 use permitted by 10 CFR 35.300.
   D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
   E. In vitro studies.
   F. To be used for dose calibrator checks and calibrations, and quality assurance testing.
   G. To be used for constancy and quality assurance testing.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facility located at 1233 East Second Street, Casper, Wyoming.

11. The Radiation Safety Officer for this license is Alan G. Douglas, M.S.

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 medical use:

Authorized Users	Material and Use
Wesley W. Hiser, M.D.	35.200
Thomas M. Cunningham III, M.D.	35.100; 35.200; 31.11
Aaron David Lee Wright, M.D.	35.100; 35.200; 31.11; Oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries
Stephen R. Horn, M.D.	35.100; 35.200; 35.300; 31.11
Paul Peters, M.D.	35.100; 35.200; 35.300; 31.11
Geoffrey G. Smith, M.D.	35.100; 35.200; 35.300; 31.11
Daniel F. Sulser, M.D.	35.100; 35.200; 35.300; 31.11
Michael E. Walker, M.D.	35.100; 35.200; 35.300; 31.11
Robert Lawrence Tobin, M.D.	35.300; 35.400
John D. Purviance, M.D.	35.400

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13. A. The licensee shall use the material in Subitem 6.F. in accordance with all appropriate radiation safety program elements contained in this license and referenced in letter dated May 17, 2002.

    B. The licensee shall use remote handling tools and low-density plastic shielding for vials, syringes, and wastes when handling the material in Subitem 6.F.

14. 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.

15. 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 or detector cell 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.

    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 or detector cell 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.

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G. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.

16. The licensee shall conduct a physical inventory every six 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.

17. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

18. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

19. 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 November 19, 2004 (ML043630251)
    B. Letter dated December 15, 2004 (ML043630251)
    C. Letter dated December 17, 2004 (ML043630251)
    D. Letter dated May 18, 2005 (ML051250293)
    E. Letter dated April 20, 2005 (ML051250293)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date: May 23, 2008

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