



ALASKA OPEN IMAGING CENTER, LLC

WASILLA CENTER

BOGARD PROFESSIONAL PLAZA

1751 EAST GARDNER WAY, STE. B

WASILLA, ALASKA 99654

907-357-1220
907-357-1222 FAX



ANCHORAGE CENTER

6911 DeBARR RD.

ANCHORAGE, ALASKA 99504

907-330-1220
907-330-1222 FAX



SOLDOTNA CENTER

35670 KENAI SPUR HWY, STE 104

SOLDOTNA, ALASKA 99669

907-260-6501
907-260-6502 FAX

RECEIVED

MAR 29 2010

DNMS

02/19/2010

Nuclear Materials Licensing Branch
United States Nuclear Regulatory Commission
Region IV
Nuclear Materials Safety Branch
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

Re: Notification for License 50-27730-01

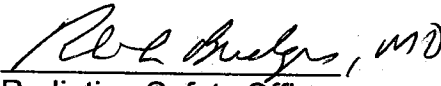
Dear Sir or Madam:

In accordance with 10 CFR 35.14:

We are allowing Marc R. Beck M.D. to work at this facility as an authorized user for purposes under 10 CFR 35.100, 10 CFR 35.200 and 10 CFR 35.300. Attached is a copy of Minnesota Radioactive Materials License # 1055-201-27, North Memorial Medical Center which lists Dr. Beck as an authorized user.

If you require additional information, please call 907-357-1220.

Sincerely,


Radiation Safety Officer

No 472651



RADIOACTIVE MATERIALS LICENSE

Pursuant to Minnesota Statute 144.12 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 radioactive materials 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 rules. This license is subject to all applicable rules and orders of the Minnesota Department of Health including the Minnesota Radioactive Materials Rules, Chapter 4731, now or hereafter in effect, and to any conditions specified below.

LICENSEE

<p>1. NORTH MEMORIAL MEDICAL CENTER</p> <p>2. 3300 OAKDALE AVENUE NORTH ROBBINSDALE, MINNESOTA 55422</p>	<p>In accordance with the documents listed in Item 16, the Minnesota Department of Health Radioactive Materials License is issued to read as follows:</p> <p>3. License Number: 1055-201-27</p> <p>4. Expiration Date: January 31, 2011</p> <p style="text-align: center;">Program Codes</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Primary: 2120</td> <td style="width: 33%;">Secondary:</td> <td style="width: 33%;">Other:</td> </tr> </table>	Primary: 2120	Secondary:	Other:
Primary: 2120	Secondary:	Other:		

<p>5. By Product, Source, Special Nuclear and/or Natural Occurring; or Accelerator Produced Radioactive Material</p> <p>A. Any radioactive material authorized by 4731.4432</p> <p>B. Any radioactive material authorized by 4731.4434 (excluding Xenon-133)</p> <p>C. Any radioactive material authorized by 4731.4440</p>	<p>6. Chemical and/or Physical Form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p>	<p>7. 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. As needed, not to exceed 1 Curie (37 GBq) of Iodine-131</p>
<p>D. Any radioactive material authorized by 4731.4450</p> <p>E. Any radioactive material authorized by 4731.3245</p> <p>F. Cesium-137</p>	<p>D. Any brachytherapy source permitted by 4731.4450</p> <p>E. Prepackaged kits</p> <p>F. Sealed source (3M Model 6D6C)</p>	<p>D. 700 millicuries (25.9 GBq)</p> <p>E. As needed</p> <p>F. 150 millicuries (5.55 GBq)</p>

8. AUTHORIZED USE

- A. Any uptake, dilution, and excretion study authorized by 4731.4432.
- B. Any imaging and localization study authorized by 4731.4434.
- C. Medical use of unsealed radioactive material requiring a written directive as authorized by 4731.4440 (limited to out patient procedures only).
- D. Any manual brachytherapy procedure permitted by 4731.4450.
- E. In vitro clinical or laboratory testing use authorized by 4731.3245.
- F. For storage only incident to disposal.



RADIOACTIVE MATERIALS LICENSE

CONDITIONS

9. Licensed material shall be used or stored only at the licensee's facilities located at 3300 Oakdale Avenue North, Robbinsdale, Minnesota and North Memorial Outpatient Care Center, 3435 West Broadway, Robbinsdale, Minnesota.

10. The Radiation Safety Officer for this license is Mary Fox, M.S.

11. Licensed material is only authorized for use or under the supervision of:

A. Individuals permitted to work as an authorized user in accordance with 4731.4403.

B. The following individuals are authorized users for the materials and uses indicated:

Authorized User

Material and Use

Nellie Bauer, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Marc R. Beck, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.4440 (limited to Iodine-131 for out patient procedures only).

Richard D. Belkin, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Patricia E. Bruer, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Richard W. Carlson, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to out patient procedures only), and 4731.3245.

Kenneth B. Cram, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to out patient procedures only), and 4731.3245.

Brian De Michaelis, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Richard F. Diaz, M.D.

Material authorized by 4731.4450.

Keith J. Edinburgh, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Jeffrey R. Gambach, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.4440 (limited to Iodine-131 for out patient procedures only).

Maria Gomes, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.



RADIOACTIVE MATERIALS LICENSE

Jeffery Groffsky, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.3245.

Robert Haselow, M.D.

Material authorized by 4731.4440 (limited to out patient procedures only), and 4731.4450.

Alexander Lai, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.4440 (limited to Iodine-131 for out patient procedures only).

Brian T. Larkin, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.3245.

William N. Lisberg, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.4440 (limited to out patient procedures only).

Charles W. Maile, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to out patient procedures only), and 4731.3245.

Mary D. McLaurin, M.D.

Material authorized by 4731.4434 (excluding generators and Xenon-133) limited to cardiovascular clinical procedures.

Eduard Michel, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Kurt Nisi, M.D.

Material authorized by 4731.4440 (limited to out patient procedures only), and 4731.4450.

Douglas J. Olson, M.D.

Material authorized by 4731.4450.

Thomas Peltola, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Mark Pilot, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133) limited to cardiovascular clinical procedures only.

Dominic A. Plucinski, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Robert A. Pollock, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to out patient procedures only), and 4731.3245.

Timothy J. Reiners, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

Andrew J. Ruppert, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.4440 (limited to Iodine-131 for out patient procedures only).



RADIOACTIVE MATERIALS LICENSE

Scott Schultz, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to out patient procedures only), and 4731.3245.

David P. Wicklund, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), and 4731.3245.

Dennis A Woolner, M.D.

Material authorized by 4731.4432, 4731.4434 (excluding generators and Xenon-133), 4731.4440 (limited to Iodine-131 out patient procedures only), and 4731.3245.

C. Authorized Medical Physicists for this license are Mary Fox, MS, Loretta Lewandowski, Ph.D., and Nagarajan Varadhan.

12. The licensee shall follow the US Nuclear Regulatory Commission Regulatory Guide 8.39 "Release of Patients Administered Radioactive Materials" for the release of patients receiving radiopharmaceutical therapy.
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months or the intervals specified in the certificate of registration issued by the US Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months or the intervals specified in the certificate of registration issued by the US Nuclear Regulatory Commission or 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.
- C. Sealed sources and detector cells need not be tested if they contain not more than 100 microcuries (3.7 MBq) of beta and/or gamma-emitting material or not more than 10 microcuries (0.37 MBq) of alpha-emitting material.
- D. Sealed sources may be stored for a period of no more than 3 years without being tested for leakage and/or contamination. When sealed sources are removed from storage for use or for transfer to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer.
- E. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerel) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerel) or more of removable contamination, a report shall be filed with the Minnesota Department of Health in accordance with Chapter 4731.3110, and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Minnesota Department of Health regulations.
- F. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the US Nuclear Regulatory Commission or an Agreement State to perform such services.
14. The licensee shall conduct a physical inventory every 6 months to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and date of the inventory.
15. In addition to the possession limits in Item 7, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 4731.3080 for establishing decommissioning financial assurance.
16. 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 except for minor changes in the medical use radiation safety procedures as provided by 4731.4405 Subpart 2. The Minnesota Department of Health rules shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the rules.
- A. NRC application dated November 28, 2000.



RADIOACTIVE MATERIALS LICENSE

- B. Letters to NRC dated February 23, 2001; June 6, 2001; and June 27, 2001.
- C. Letter to NRC received December 21, 2001.
- D. Letters to NRC dated July 29, 2002; November 8, 2004 and April 4, 2005.
- E. MDH license application dated October 28, 2005.
- F. *Amendment request dated July 7, 2008, August 22, 2008, and October 21, 2008.*

FOR THE MINNESOTA DEPARTMENT OF HEALTH

Prepared by: *[Signature]* Date: 11/25/08
Radioactive Materials Unit Staff

Reviewed by: *[Signature]* Date: 11/25/08
Radioactive Materials Unit Staff

Approved by: *[Signature]* Date: 11/25/08
Radioactive Materials Unit Supervisor

4-05-2010

DATE

This is to acknowledge the receipt of your letter/application dated 2-19-2010, 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 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** 472651.
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:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: Program Code: 02200
: Status Code: 0
: Fee Category: 7C
: Exp. Date: 20120531
: Fee Comments: _____
: Decom Fin Assur Req: N
:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: ALASKA OPEN IMAGING CENTER
Received Date: 20100329
Docket No: 3035999
Control No.: 472651
License No.: 50-27730-01
Action Type: Notifications

2. FEE ATTACHED

Amount: _____
Check No.: /

3. COMMENTS

Signed Colleen Burnahan
Date 3-31-2010

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

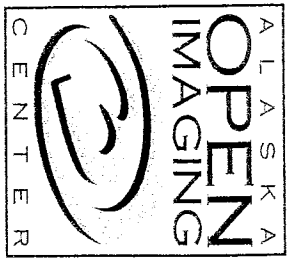
1. Fee Category and Amount: _____

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

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____

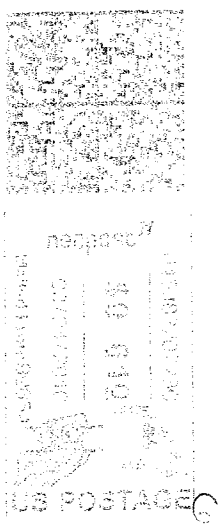


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United States Nuclear Regulatory Commission

Region IV
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730 Arlington, TX 76011-4005

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