



MARYVIEW MEDICAL CENTER
Bon Secours Health System

NMSBI

Maryview Hospital
Maryview Behavioral Medicine Center
Martha W. Davis Cancer Center
Bons Secours Home Care
Bon Secours Health Center at Harbour View

June 12, 2007

Licensing Assistance Team
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
Region I
475 Allendale Road
King of Prussia, PA 19406

03003347

Reference: NRC License No. 45-10831-02

Dear Sir or Madam:

We would like to request that our radioactive materials license be amended to add Biral Amin, M.D. for oral administration of sodium iodide I-131; parenteral administration of any beta emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV; uses identified in 10 CFR 35.400. Dr. Amin is presently listed on NRC license 45-00986-01 for these uses, and a copy of this license is enclosed.

We would like to request that this license amendment be assigned priority status due to the fact that Dr. Amin would like to start on July 1, 2007.

Please contact our consulting physicist, Roy Heltzel, at 757-410-9051 should you have any questions or if further information is needed.

Sincerely,

Susan A. MacLeod
Executive Vice President/Administrator

Enclosure

140624

NMSS/RGN1 MATERIALS-002

Official Use Only - Security-Related Information

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 6 PAGES
Amendment No. 70

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, 38, 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>Licensee</p> <p>1. Bon Secours DePaul Medical Center</p> <p>2. 150 Kingsley Lane Norfolk, Virginia 23605</p>	<p>In accordance with the letter dated November 13, 2006, license number 45-00986-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date May 30, 2015</p> <p>5. Docket No. 030-03302</p> <p>Reference No.</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.400</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p>	<p>7. Special and/or physical form</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. 2 curies</p> <p>D. 2 curies</p> <p>D. Sealed Sources (3M Models 0500 and 6510 Series; Amersham Models CDCK, CDCQ, and SIA.20; Atlantic Research Corporation Model B-1; Gamma Industries Model MS-1-87-600 Series; Best Medical International, Inc. Model 81-01; Bard Brachytherapy, Inc. Model STM 1251; Med-Physics, Inc. Model 6711)</p>

Official Use Only - Security-Related Information

Jun. 5. 2007 9:51AM
MAY-16-2011 03:42

NRC

215 No. 5255 by P. 0.000

NRC FORM 374A

~~Official Use Only - Security-Related Information~~

PAGE 2 of 5 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
45-00986-01

Postal or Reference Number
030-03302

Amendment No. 70

- | | | |
|---|--|--|
| 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 |
| E. Any byproduct material permitted by 10 CFR 31.11 | E. Prepackaged Kits | E. 5 millicuries |
| F. Iridium-192 permitted by 10 CFR 35.600 | F. Sealed Sources (OSVS, Inc. Source Assembly Model 724 or MDS Nordion, Inc. Model GammaMed 212) | F. 2 sources, 1 source not to exceed 12 curies and 1 source not to exceed 9 curies |
| G. Depleted Uranium | G. Plated metal | G. 12 kilograms |

9. Authorized use:

- A. Any uptake, dilution and excretion studies permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.100.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.200.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.200.
- E. In vitro studies.
- F. One source for medical use permitted by 10 CFR 35.200, MDS Nordion, Inc. Model GammaMed 12i remote afterloader unit. The source activity may not exceed 9 curies at the time of installation. One source in its shipping container, as necessary, in the vicinity of the source in the remote afterloader unit.
- G. Shielding in a remote afterloader unit.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 150 Kingsley Lane, Norfolk, Virginia.
- 11. The Radiation Safety Officer for this license is Robert T. Mariano, 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 and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.

~~Official Use Only - Security-Related Information~~

NRC FORM 374A

Official Use Only - Security-Related Information

PAGE 4 of 5 PAGES

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
45-00986-01

Docket or Reference Number
030-03302

Amendment No. 70

Authorized Users

Biral Amin, M.D.

Material and Use

Oral administration of sodium iodide I-131;
Parenteral administration of any beta emitter, or a
photon-emitting radionuclide with a photon energy
less than 150 keV; 35,400; Ir-192 for uses in a
High Dose Rate Remote Afterloader Unit

C. The following individuals are authorized medical physicists as indicated:

Authorized Medical Physicists

Leland Kirkland, Ph.D.

Terry A. Raenike, M.S.

Material and Use

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

Sr-90 in an ophthalmic applicator for decay
calculations and calibrations; Ir-192 in a High Dose
Rate Remote Afterloader Unit for calibrations,
spot-checks, and training

13. In addition to the possession limits set forth in 10 CFR 30.35, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit set forth in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

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

Official Use Only - Security-Related Information

NRC FORM 374A

Official Use Only - Security-Related Information

PAGE 5 of 6 PAGE 6

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
45-00988-01

Document or Reference Number
030-03302

Amendment No. 70

15. 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 35.28. 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 July 18, 2004 [ML042100414]
- B. Letter dated February 2, 2005 [ML050620107]
- C. Letter dated July 18, 2005 [ML052020334]
- D. Letter dated July 22, 2005 [ML052030513]
- E. Letter dated August 30, 2005 [ML052430240]



For the U.S. Nuclear Regulatory Commission

Date February 5, 2007

By Original signed by Tara L. Weidner

Tara L. Weidner
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

Official Use Only - Security-Related Information