

**Charleston Radiation Therapy Consultants, PLLC**

Department of Medical Physics

3100 MacCorkle Avenue S.E., Suite B-1

Charleston, WV 25304

Tel: (304) 345-0667

05/02/06

**FAX TRANSMISSION
URGENT**

Pages: 8

Ms. Donna Janda
Health Physicist
Medical Branch
Division of Nuclear Materials Safety
U.S. NRC Region I
Fax: 610-337-5269

MS16

J-5

03022267

47-15717-03

RE: License No. ~~471547-03~~, Control No: 138401

Dear Ms. Janda,

I am submitting via fax the information on Dr. Brian Plants for AU registration and Ms. Teresa Fischer for AMP registration.

Brian Plants, MD:

I submit

- a) A completed NRC FROM 313A (for 35.400 and 35.600)
- b) Copy of a NRC Material License where he is registered as AU for 35.400.
- c) Your office should have a copy of his ABR board certification in Radiation Oncology.

Teresa Fischer, M.S:

I submit

- a) A copy of Florida-RADIOACTIVE MATERIALS LICENSE (for 35.600)
- b) A copy of STATE OF FLORIDA DEPARTMENT OF HEALTH BUREAU OF RADIATION CONTROL (for 35.400).

This material is part of MATERIAL LICENSE renewal already submitted for review.

Please, contact me should you need further information.

Thank you for your efforts,

Dimitris N. Mihailidis, Ph.D., DABMP, DABR
Chief Medical Physicist

138401

NMSS/RGN MATERIALS-032

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

47-15473-01

Docket or Reference Number

03009164

Amendment No. 50

Authorized UsersMaterial and Use

| | |
|-----------------------------|---|
| Mary Elizabeth Faw, M.D. | 35.300 |
| Jean-Pierre M. Geagea, M.D. | 35.100; 35.200 |
| John Goad, M.D. | 35.100; 35.200 |
| Steven Grubb, M.D. | Oral administration of sodium iodide iodine-131 |
| Mohammed Haffar, M.D. | 35.100; 35.200 |
| Omar Hallak, M.D. | 35.100; 35.200 |
| Michael Blake Harmon, M.D. | 35.400 |
| Ramakrishnan Iyer, M.D. | 35.100; 35.200 |
| Kshama Jawalekar, M.D. | 35.400 |
| Jennifer Marie Smith, M.D. | 35.100; 35.200; 35.300 |
| Russell F. King, III, M.D. | 35.100; 35.200; 35.300 |
| Marciano B. Lee, M.D. | 35.100; 35.200 |
| Johnsey Leef, M.D. | 35.100; 35.200; 35.300; 35.400 |
| Johnsey Lee Leef, III, M.D. | 35.100; 35.200; 35.300 |
| Donald Lilly, M.D. | 35.100; 35.200 |
| Steven McCormick, M.D. | 35.100; 35.200 |
| Mary McJunkin, M.D. | 35.100; 35.200 |
| John F. Mega, M.D. | 35.100; 35.200 |
| Muhammand S. Mian, M.D. | 35.100; 35.200 |
| Scott Miller, M.D. | 35.100; 35.200 |
| Bassam Moushmoush, M.D. | 35.100; 35.200 |
| Frank Muto, M.D. | 35.100; 35.200 |
| Brian Allen Plants, M.D. | 35.400 |
| Premkumar Raja, M.D. | 35.400 |
| John Reifsteck, M.D. | 35.100; 35.200 |

| | | | |
|---|--|---|---------------------------------|
| NRC FORM 313A (10-2006) | U.S. NUCLEAR REGULATORY COMMISSION MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION | APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2008 | |
| PART I - TRAINING AND EXPERIENCE | | | |
| Note: Descriptions of training and experience must contain sufficient detail to match the training and experience criteria in the applicable regulation (10 CFR Part 35) | | | |
| 1. Name of Individual, Proposed Authorization (e.g., Radiation Safety Officer), and Applicable Training Requirements (e.g., 10 CFR 35.50) <div style="font-size: 1.2em; font-family: cursive;">BRIAN A. PLANTS, M.D.</div> | | | |
| 2. For Physicians, Podiatrists, Dentists, Pharmacists -- State or Territory Where Licensed <div style="font-size: 1.2em; font-family: cursive;">West Virginia</div> | | | |
| 3. CERTIFICATION | | | |
| a. Provide a copy of the board certification. (Stop here if applying under 10 CFR Part 35, Subpart J or 35.590(a); continue if applying under other subparts.) b. Provide documentation in appropriate items 4 through 10 of training or clinical case work required by 35.50(e); 35.51(c); 35.290(c)(1)(ii)(G) for AU seeking 35.200 authorization; 35.390(b)(1)(ii)(G); 35.396(d)(1) and 35.396(d)(2); 35.590(c); or 35.690(c). c. Provide completed Part II Preceptor Attestation, Items 11a through 11d. Stop here after completing items 3a, 3b, and 3c when using board certification to meet 10 CFR Part 35 training and experience requirements. | | | |
| 4. INDIVIDUALS IDENTIFIED ON A LICENSE OR PERMIT AS RADIATION SAFETY OFFICERS (RSO), AUTHORIZED USERS (AU), AUTHORIZED MEDICAL PHYSICISTS (AMP), OR AUTHORIZED NUCLEAR PHARMACISTS (ANP) SEEKING ADDITIONAL AUTHORIZATIONS | | | |
| a. Provide a copy of the license or broadscope permit listing the current authorization and (b) or (c) b. Complete items 6c (and 10 when training is provided by an RSO, AMP, ANP, or AU) and preceptor items 11b through 11d to meet requirements for: RSO in 35.50(c)(2) or 35.50(e); or AU in 35.290(c)(1)(ii)(G) or 35.390(b)(1)(ii)(G) or 35.590(c) or 35.690(c); or AMP under 35.51(c). c. Complete items 5, 6a, 8b, 10, and Preceptor items 11a through 11d to meet AU requirements in 35.396(a). | | | |
| 5. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING (optional for Medical Physicists) | | | |
| Description of Training | Location | Clock Hours | Dates of Training |
| Radiation Physics and Instrumentation <i>Physics lecture > 225 hrs</i> <i>Dosimetry > 160 hrs</i> <i>elective > 160 hrs</i> | Univ. of Alabama at Birmingham - Residency <i>(lecture & clinical)</i> | 385 | July 1, 2000 - June 30, 2004 |
| Radiation Protection | as above | 80 | as above |
| Mathematics Pertaining to the Use and Measurement of Radioactivity | as above | 100 | as above |
| Radiation Biology <i>weekly lectures</i> <i>• Richard Miller</i> <i>review x 2</i> | as above | 700 125 | as above |
| Chemistry of Byproduct Material for Medical Use | as above | 30 | as above |
| OTHER | | | |

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(10-2006)

U.S. NUCLEAR REGULATORY COMMISSION

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION

| Description of Experience | Name of Supervising Individual(s) | Location and Corresponding Materials License Number | Dates and/or Clock Hours of Experience |
|--|--------------------------------------|---|--|
| Residency Training in Radiation Oncology | John Fireash, M.D. (205-734-5671) | Univ. of Alabama at Birmingham (UAB) | July 1, 2000 - June 30, 2004 (19,000 hours) |
| Clinical Experience | Michael Harmony, MD | Charleston Radiation Therapy Consultants | August 30, 2004 - present |
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6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)

| Radionuclide | Type of Use | No. of Cases Involving Personal Participation | Name of Supervising Individual | Location and Corresponding Materials License Number | Dates and/or Clock Hours of Experience |
|--------------|-----------------------------------|---|--------------------------------|---|--|
| Iridium-192 | High-Dose-Rate Remote Afterloader | 47 | John Fireash, MD | UAB | 7/1/00 - 6/30/04 |
| Iodine-125 | Interstitial Treatments | 35 | as above | " | " |
| Cesium-137 | Intracavitary Treatments | 14 | as above | " | " |
| Strontium-90 | Surface (Eye Plaque) | 18 | " | " | " |
| Iridium-192 | Interstitial Treatment (HDR) | 6 | " | " | " |
| Cobalt-60 | Research use only | 6 months | Kevin Raisch, PhD | " | 7/1/03 - 12/30/03 |
| Strontium-89 | Bone metastases - Injection | 1 | John Fireash, MD | " | 7/1/00 - 6/30/04 |
| FDG-18 | PET scanning | 10 | " | " | " |

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(10-2005)

U.S. NUCLEAR REGULATORY COMMISSION

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

6c. TRAINING FOR SECTIONS 35.50(e), 35.51(c), 35.590(c), or 35.690(c)

| Training Element | Type of Training * | Location and Dates |
|------------------|--------------------|--------------------|
| | | |
| | | |
| | | |
| | | |

* Types of training may include supervised (complete item 10 for 35.50(e), 35.51(c), and 35.690(c)), didactic, or vendor training.

7. FORMAL TRAINING Physicians (for uses under 35.400 and 35.600) and Medical Physicists

| Degree, Area of Study or Residency Program | Name of Program and Location with Corresponding Materials License Number | Dates | Name of Organization that Approved the Program (e.g., Accreditation Council for Graduate Medical Education) and the Applicable Regulation (e.g., 10 CFR 35.490) |
|--|--|------------------|---|
| Residency Program - University of Alabama at Birmingham, Dept. of Radiation Oncology | Radiation Oncology, Birmingham, AL (UAB) | 7/1/00 - 6/30/04 | ACGME |

8. RADIATION SAFETY OFFICER (RSO) - ONE-YEAR FULL-TIME EXPERIENCE

☐ YES Completed 1 year of full-time radiation safety experience (in areas identified in Item 8a) under supervision.

☒ N/A of _____ the RSO for License No. _____

9. MEDICAL PHYSICIST - ONE-YEAR FULL-TIME TRAINING/WORK EXPERIENCE

☐ YES Completed 1 year of full-time training (for areas identified in Item 8a) in therapeutic radiological physics (35.961) or medical physics (35.51) under the supervision of _____

☒ N/A who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51);

and

☐ YES Completed 1 year of full-time work experience (at location providing radiation therapy services described and for topics identified in Item 8a) for (specify use or device) _____

☒ N/A under the supervision of _____ who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51) (specify use or device) _____

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MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

10. SUPERVISING INDIVIDUAL - IDENTIFICATION AND QUALIFICATIONS

The training and experience indicated above was obtained under the supervision of (if more than one supervising individual is needed to meet requirements in 10 CFR Part 35, provide the following information for each):

A. Name of Supervisor

John Fiveash, M.D.

B. Supervisor is:



Authorized User



Authorized Medical Physicist



Radiation Safety Officer



Authorized Nuclear Pharmacist

C. Supervisor meets requirements of Part 35, Section(s) _____

for medical uses in Part 35, Section(s) _____

D. Address _____

E. Materials License Number _____

PART II - PRECEPTOR ATTESTATION

Note: This part must be completed by the individual's preceptor. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each. This part is not required to meet training requirements in 35.590 or Part 35, Subpart J (except 35.980).

I attest the individual named in Item 1:

11a.



has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) _____

as documented in section(s) 1-7 of this form.

11b. Select one

meets the requirements in ☐ 35.50(e) ☐ 35.51(c) ☐ 35.380(b)(1)(ii)(G) ☐ 35.690(c) for _____

N/A Types of use, as documented in section(s) _____ of this form.

11c.



has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); OR



has achieved a level of competency sufficient to function independently as an authorized _____ for _____ uses (or units); OR



has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee; OR



N/A

11d.



I am an Authorized Nuclear Pharmacist; OR



I am a Radiation Safety Officer; OR



I meet the requirements of _____ section(s) of 10 CFR Part 35

or equivalent Agreement State requirements to be a preceptor



AU or



AMP

for the following byproduct material uses (or units): _____

A. Address

619 S. 19th St.
WTF 116
Bham, AL 35249

B. Materials License Number

James A. Bonner, M.D.
Chair
314

C. NAME OF PRECEPTOR (print clearly)

John Fiveash, M.D.

D. SIGNATURE -- PRECEPTOR

E. DATE

5/1/06

**STATE OF FLORIDA
DEPARTMENT OF HEALTH
BUREAU OF RADIATION CONTROL**

RADIOACTIVE MATERIALS LICENSE

Pursuant to Chapter 401, Florida Statutes, and Chapter 64E-5, Florida Administrative Code (F.A.C.), and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to receive, acquire, possess and transfer 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 of the state of Florida, Department of Health now or hereafter in effect and to any conditions specified below.

| | |
|--|--|
| <p style="text-align: center;">Licensee</p> <p>1. Name: ADVENTIST HEALTH SYSTEMS/SUNBELT, INC. d/b/a Florida Hospital</p> | <p>3. License Number: 2897-1</p> <p>is hereby amended in its entirety, with reference to correspondence dated November 3, 2005 and December 9, 2005</p> |
| <p>2. Address: 608 East Altamonte Drive, Suite 3100 Altamonte Springs, FL 32701</p> | <p>4. Expiration Date: 7/31/2003</p> <p>5. Category: 3M(2)</p> |

| 6. Radioactive Material (element and mass number) | 7. Chemical And/Or Physical Form | 8. Maximum Quantity Licensee May Possess At Any One Time |
|--|---|---|
| A. Any radioactive material described in section 64E-5.626, F.A.C. | A. Any radiopharmaceutical for diagnostic use involving measurements of uptake, dilution or excretion as described in section 64E-5.626, F.A.C. | A. As necessary |
| B. Any radioactive material described in section 64E-5.627, F.A.C. | B. Any radiopharmaceutical for diagnostic use involving imaging and localization as described in section 64E-5.627, F.A.C., except gases and aerosols | B. As necessary |
| C. Any radioactive material described in section 64E-5.630, F.A.C. | C. Any radiopharmaceutical for therapeutic use as described in section 64E-5.630, F.A.C. | C. As necessary |
| D. Any radioactive material described in section 64E-5.632, F.A.C. | D. Any sealed source for brachytherapy as described in section 64E-5.632, F.A.C. | D. As necessary |

License Number: 2897-1
Amendment No.: 38
Control Number: 20030627-0923

LICENSEE COPY

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Category: 3M(2)

Expiration Date: 7/31/2003



Florida Hospital - Radiation Safety Office

RADIOACTIVE MATERIALS LICENSE

Name: Adventist Health Systems/ Sunbelt, Inc. **License Number:** 2897-1
d/b/a/ Florida Hospital

Address: 608 E. Altamonte Drive **Expiration Date:** 04/30/2003
Suite 3100
Altamonte Springs, Florida 32701 **Category:** 3M (11) Broad Scope

A. Authorized Material and Uses as described in Items 6, 7, 8 and 9 of the Original License.

Names

64E-5. 627, Cardiac Studies only (except generators and reagent kits)

Sharon Nichols, DO
Abbas Ali, MD

64E-5.634, Use of Sealed Sources in Teletherapy unit for the Gamma Knife

David Diamond, MD

Teletherapy Physicist and for High Dose Rate remote afterloader

Teresa Fisher, MS

B. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, 8, and 9 of the original license in accordance with statements, representations and procedures contained in the license application dated November 14, 1995, signed by Thomas Werner, President and correspondence dated from the Bureau of Radiation Control dated:

August 30, 1996, January 22, 1997, January 24, 1997, December 23, 1997, February 23, 1998, March 19, 1998, June 1, 1998, June 19, 1998, July 15, 1998 and August 26, 1998 and February 22, 1999, April 21, 1999, June 2, 1999, July 21, 1999, October 20, 1999, January 19, 2000, April 25, 2000, May 22, 2000, June 9, 2000, June 27, 2000, October 18, 2000, January 17, 2001, March 12, 2001, June 19, 2001, June 27, 2001, July 18, 2001, August 20, 2001, and January 23, 2002 all signed by David P. Miller, M.S., Radiation Safety Officer,
February 15, 2002, April 18, 2002, August 26, 2002, September 9, 2002, September 25, 2002, December 20, 2002 signed by Mark Seddon, MS., Radiation Safety Officer.

Chairman of the Radiation Safety Committee

Radiation Safety Officer

License Number: 2897-1
Amendment No: 34 (Florida Hospital)
Date of Correspondence: December 20, 2002

Category 3M(II)

h:/radsafe/BSAmdnd/Amcnd#34