

Fax

To: NRC – Materials Licensing Branch **From:** Alliance Imaging Inc

Fax: 630-515-1078 **Pages:** 4

Phone: **Date:** 6-9-08

Re: License Amendment **cc:**

Please Comment Please Reply Please Recycle

 **ALLIANCEIMAGING**

Central Region
35 E. Wacker Drive Suite 1880
Chicago, Illinois 60601
TEL 800.714.0778 FAX 800.645.9904
www.allianceimaging.com

May 3, 2008

Nuclear Materials Licensing Section
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

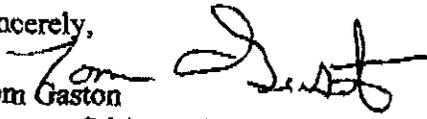
Re. License No. 34-26286-02

To whom it may concern:

Please name Christine Henderson as Radiation Safety Officer on our radioactive material license. She is listed as the RSO on our Ohio license (copy enclosed). Also enclosed is a copy of the letter written by James K. O'Donnell, M.D., our current RSO, that was submitted to Ohio attesting to her experience and competency.

If you have any questions, please contact me or our consultant, David Close at 440-350-1242.

Sincerely,


Tom Gaston
Director Of Operations
Alliance Imaging Inc.

I Christine Henderson agree to serve as RSO on above reference license number. You may contact me at 304-280-6482 with any questions.



OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIAL

Pursuant to Chapter 3748 of the Ohio Revised Code, and in reliance on statements and representations made by the licensee, a license is hereby issued authorizing the licensee named herein to receive, acquire, possess, and transfer radioactive material as 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 applications of Chapter 3748 of the Ohio Revised Code and all applicable rules promulgated thereunder. This license is subject to all applicable rules, regulations and orders of the Ohio Department of Health now or hereinafter in effect and to any conditions specified below.

| LICENSEE | LICENSE NUMBER |
|---|----------------|
| 1. Alliance Imaging, Incorporated | 3. 02220180040 |
| 2. 4825 Higbee Avenue NW, Suite 201 Canton, Ohio 44718 | 4. May 1, 2011 |
| | 5. 500631-1721 |

- | | | |
|---|--|---|
| <p>6. RADIOACTIVE MATERIAL</p> <p>A. Any radioactive material permitted by rule 3701:1-58-11 of the OAC</p> <p>B. Any radioactive material permitted by rule 3701:1-58-11 of the OAC (excluding Xenon-133)</p> <p>C. Cobalt-57</p> <p>D. Germanium-68</p> | <p>7. CHEMICAL AND/OR PHYSICAL FORM</p> <p>A. Any</p> <p>B. Any</p> <p>C. Sealed source, DuPont NES-6450, CIS MED 3702 or equivalent</p> <p>D. Sealed source, IPT, HEGE-0019 and HEGE-0020 or equivalent</p> | <p>8. MAXIMUM QUANTITY THAT LICENSEE MAY POSSESS AT ANY ONE TIME UNDER THIS LICENSE</p> <p>A. As needed, Not to exceed 3.7 GBq (100 mCi) Cobalt-57</p> <p>B. As needed</p> <p>C. As needed, no single source to exceed 925 MBq (25 mCi)</p> <p>D. As needed, total possession not to exceed 2.22 GBq (60 mCi)</p> |
|---|--|---|
9. Authorized Use
- A. Uptake, dilution, and excretion studies per rule 3701:1-58-32 of the Ohio Administrative Code.
 - B. Imaging and localization studies per rule 3701:1-58-34 of the Ohio Administrative Code (excluding Xenon-133).
 - C. Check, calibration, and reference sources.
 - D. Transmission sources for calibration and attenuation correction.

CONDITIONS

- 10. Licensed material may only be used at the licensee's facilities located at:
 - A. A-1 Storage, Unit #4, 333 North Eagle Street, Geneva, Ohio 44041 (receipt, storage, and shipment only).
 - B. Mobile nuclear medicine units at medical facilities at field locations throughout Ohio (excluding generators).
- 11. The Radiation Safety Officer for this license is
Christine Henderson

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| OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET | Page 2 of 3 |
| | License Number 02220169040 |
| | File Number ID Number: 500831-1721 |
| | Amendment No. 13 |

12. Licensed material shall be used by: (1) under the supervision of, individuals designated in writing:

Authorized User:

Material and Use

- | | |
|-----------------------------|--|
| A. James K. O'Donnell, M.D. | A. Uses permitted by rules 3701:1-58-32 and rule 3701:1-58-34 of the Ohio Administrative Code. |
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13. All sealed sources that are used or obtained shall have been evaluated and approved under the provisions of rule 3701:1-46-49 of the Ohio Administrative Code, or by equivalent regulations of the U.S. Nuclear Regulatory Commission or an Agreement State.

14. All persons performing activities involving the definition of "Nuclear Medicine Technologist" as specified in R.C. 4773.01 shall be licensed by, and in good standing with, the State of Ohio.

15. In addition to the possession limits in item 8, the licensee shall further restrict the possession of sealed source licensed materials to quantities below the minimum limit specified in rule 3701:1-46-17(B) of the Ohio Administrative Code, for establishing decommissioning financial assurance.

16. Notwithstanding the provisions of rule 3701:1-58-31 of the Ohio Administrative Code, the licensee may order radiopharmaceuticals as authorized in items 6, 7, and 8, above, for delivery directly to the mobile nuclear medicine units authorized in item 10, irrespective of location of the unit, in accordance with the procedures delineated in the licensee's application, the correspondence listed in item 18 below, and the following:

- A. Licensed material (excluding generators) may be delivered to mobile nuclear medicine units that are located at temporary field locations and occupied by licensee personnel who are able to receive the material in person;
- B. Radioactive waste which has been generated by the licensee may be retrieved by licensed nuclear pharmacist with which the licensee has formal agreement, from mobile nuclear medicine units located at temporary field locations and occupied by licensee personnel; and
- C. Waste prepared for shipment will be stored for no longer than:
 - i) 24 hours during normal weekday operations, or
 - ii) 72 hours during weekends and holidays.

17. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Chapter 3701:1-50 - Packing and Transportation of Radioactive Material, of the Ohio Administrative Code.

18. In addition to the requirements in rule 3701:1-58-30 of the Ohio Administrative Code any patient administered gamma emitting radiopharmaceuticals or permanent brachytherapy sources shall be provided a patient release card to include:

- (1) The patient's name.
- (2) The radionuclide administered and its activity.
- (3) The facility name which administered the radionuclide.
- (4) The date of the administration of the radionuclide.
- (5) The expiration date of the card.

The card is not applicable to those patients who are institutionalized (Hospitals, Nursing Homes, Correctional Institutions, etc.) or whose radiation levels do not exceed 0.1 mR/hr at one meter.

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. The Ohio Department of Health's statutes, rules, and orders shall govern unless statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Renewal Application dated January 9, 2006; Facsimile dated February 7, 2006
- B. Amendment #10 to license #02220169040: License renewed in its entirety.
- C. Director's Order (dated April 11, 2006. (Amendment #11)

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| OHIO DEPARTMENT OF HEALTH LICENSE FOR RADIOACTIVE MATERIALS SUPPLEMENTARY SHEET | Page 2 of 2 |
| | License Number 02220180040 |
| | File Number - ID Number:500831-1721 |
| | Amendment No. 13 |

- D. Letter dated January 31st, 2006 (Amendment 12)
- E. Letters dated October 10, 2007 and November 29, 2007 (Amendment 13)

For the Ohio Department of Health:

DATE: 2/8/08 BY:



Robert E. Owen, Chief
Bureau of Radiation Protection
on behalf of the Director of Health

October 10, 2007

Bureau of Radiation Protection
Ohio Dept. of Health
246 North High Street
Columbus, OH 43215

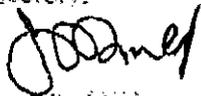
Re: License No. 02220180040

To whom it may concern:

This letter is in support of the application to name Christine Henderson as the Radiation Safety Officer on the radioactive material license for Alliance Imaging. Christy has over 2 years of full time radiation safety experience under my supervision. She came to her position as imaging manager in December 2001. In that position, she spends about 40% of her time on radiation safety/regulatory issues. (40% of 5 yrs, 10 mo = 2.3 years) This experience includes shipping, receiving, and performing related radiation surveys; using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides; securing and controlling byproduct material; using administrative controls to avoid mistakes in the administration of byproduct material; using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures; using emergency procedures to control byproduct material; and disposing of byproduct material. She has had training in radiation safety, regulatory issues and emergency procedures for the types of uses on our license. She has worked closely with our health physics consultant for almost 6 years. I will recommend that she is named the RSO on this license.

I would be glad to answer any questions concerning this issue.

Sincerely,



James K. O'Donnell, M.D.
RSO