UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 31, 2008

Docket No. 03035377 License No. 45-25516-01
Control No. 141801

Denise Phillips, C.N.M.T
Nuclear Medicine Specialist
Odyssey Imaging, LLC
1107B Brookdale Street, Suite 205
Martinsville, VA 24112

SUBJECT: ODYSSEY IMAGING, LLC, LICENSE AMENDMENT, CONTROL NO. 141801

Dear Ms. Phillips:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Dennis R. Lawyer

Dennis R. Lawyer
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 16

cc:
Charles Anthony Giomuso, M.S., Radiation Safety Officer

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SUNSI Review Complete: DLawyer
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DATE	3/31/2008							

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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	
1. Odyssey Imaging, LLC	In accordance with the letter dated February 4, 2008, 3. License No. 45-25516-01 is amended in its entirety to read as follows:
2. 1107B Brookdale Street Martinsville, Virginia 24112	4. Expiration Date: July 31, 2010
	5. Docket No. 030-35377

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

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.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at:

A. Odyssey Imaging
1045 Main Street, Suite 1
Danville, Virginia

B. Heart Specialists of Southwest Virginia, P.C.
1201 Elm Street
Christiansburg, Virginia

C. Primary Care Associates, P.C.
West Salem Clinic
1955 W. Main Street
Salem, Virginia

D. Chapman Cardiology & Associates
400 Scruggs Road #2300
Moneta, Virginia

E. Carilion Cardiology Associates - Martinsville
1107B Brookdale Street
Martinsville, Virginia

MATERIALS LICENSE
SUPPLEMENTARY SHEET

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11. The Radiation Safety Officer (RSO)for this license is Charles Anthony Giomuso, 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 as indicated:

Authorized User	Material and Use
Craig Turner, D.O.	35.100; 35.200
Ronald L. Washburn, M.D.	35.100; 35.200
Robert F. O'Brien, M.D.	35.100; 35.200
John M. Mathis, M.D.	35.100; 35.200
Naiyer Imam, M.D.	35.100; 35.200
James D. Matthews, M.D.	35.100; 35.200

13. 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.

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."

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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 35.26. 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 May 8, 2000 (ML003714975)
    B. Letter dated August 7, 2000 (ML003740872)
    C. Letter dated February 3, 2003 (ML030360458)
    D. Letter dated February 11, 2003 (ML030990259)
    E. Letter dated April 29, 2003 (ML031250485)
    F. Letter dated May 23,2003 (ML031470438)
    G. Letter dated September 10, 2003 (ML032550339)
    H. Letter dated December 5,2003 (ML033580540)
    I. Letter dated February 12, 2004 (ML040490081)
    J. Letter dated July 19, 2004 (ML042160164)
    K. Facsimile dated March 14, 2006 (ML060750641)
    L. Letter dated March 23, 2007 (ML070870651)

For the U. S. Nuclear Regulatory Commission

Date March 3, 2008

By ***Original signed by Dennis R. Lawyer***

Dennis R. Lawyer
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406