



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

October 30, 2007

Docket No. 03035025  
Control No. 140890

License No. 37-30519-01

John J. Cassel, M.D.  
1255 South Cedar Crest Blvd., Suite 1200  
Allentown, PA 18103

SUBJECT: JOHN J. CASSEL, M.D., LICENSE AMENDMENT, CONTROL NO. 140890

Dear Dr. Cassel:

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](http://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. 2

DOCUMENT NAME: C:\FileNet\ML073030224.wpd

**SUNSI Review Complete: DLawyer**

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NAME	DLawyer /DRL1/						
DATE	10/30/07						

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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.

<p style="text-align: center;">Licensee</p> <p>1. John J. Cassel, M.D.</p> <p>2. 1255 South Cedar Crest Boulevard Suite 1200 Allentown, Pennsylvania 18103</p>	<p>In accordance with the letter dated July 24, 2007,</p> <p>3. License number 37-30519-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2009</p> <hr/> <p>5. Docket No. 030-35025 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material identified in 10 CFR 35.100</p> <p>B. Any byproduct material identified in 10 CFR 35.200</p>	<p>7. Chemical and/or physical form</p> <p>A. Any radiopharmaceutical identified in 10 CFR 35.100</p> <p>B. Any radiopharmaceutical identified in 10 CFR 35.200 except generators and gas</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>
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9. Authorized use:
- A. Any cardiac uptake, dilution and excretion procedure approved in 10 CFR 35.100.
  - B. Any cardiac imaging and localization procedure approved in 10 CFR 35.200.

**CONDITIONS**

- 10. Licensed material may be used only at the licensee's facilities located at 1255 South Cedar Crest Boulevard, Suite 1200, Allentown, Pennsylvania.
- 11. Licensed material listed in Item 6 above is only authorized for use by, or under the supervision of, the following individuals for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
John J. Cassel, M.D.	35.100; 35.200
Karthik Sheka, M.D.	35.100; 35.200

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
37-30519-01Docket or Reference Number  
030-35025

Amendment No. 02

12. The Radiation Safety Officer for this license is John J. Cassel, M.D.
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 financial assurance for decommissioning.
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."
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, except for minor changes in the medical use radiation safety procedures as provided in 10 CFR 35.31. 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 April 6, 1999
- B. Letter dated May 27, 1999
- C. Letter dated July 20, 2000 [ML003735435]



For the U.S. Nuclear Regulatory Commission

**Original signed by Dennis R. Lawyer**Date October 30, 2007

By

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