U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 15

# 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.

AC.02220 316701

| Licensee | In accordance with the facsimile letter dated **November 20, 2007,** |
|---|---|
| 1. Mirview Incorporated | 3. License number 21-26775-01 is amended in its entirety to read as follows: |
| 2. 120 Enterprise Drive<br>Ann Arbor, MI 48103 | 4. Expiration date August 31, 2012 |
| | 5. Docket No. 030-34321<br>Reference No. |

| 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. A. Licensed material listed in Item 6., excluding xenon and generators, may be used at medical facilities anywhere in the United States were the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

B. Sealed sources permitted by 10 CFR 35.65 for calibration and reference purposes may be stored at the licensee's facilities located at 120 Enterprise Drive, Ann Arbor, Michigan.

11. The Radiation Safety Officer for this license is Ray Carlson, M.S.

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12. Licensed material is only authorized for use by, or under the supervision of:

A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.

B. The following individuals are authorized users for medical use as indicated:

| Authorized Users | Material and Use |
|---|---|
| Won Chae, M.D. | 10 CFR 35.100 and 35.200. |
| Edwardo Garcia, M.D. | 10 CFR 35.200. |
| Stelian Marinescu, M.D. | 10 CFR 35.200. |
| Annette J. White, M.D. | 10 CFR 35.100 and 35.200. |
| Woon-Man Chung, M.D. | 10 CFR 35.100 and 35.200. |
| Shawn R. Jones, M.D. | 10 CFR 35.100 and 35.200. |
| Michael P. Buetow, M.D. | 10 CFR 35.100 and 35.200. |
| Jerome F. Cordes, M.D. | 10 CFR 35.100 and 35.200. |
| Stephen D. Chapman, D.O. | 10 CFR 35.100 and 35.200. |
| Mark A. Rynties, M.D. | 10 CFR 35.200. |
| Daryl R. Melvin, M.D. | 10 CFR 35.200. |
| Edward T. Helble, D.O. | 10 CFR 35.200. |
| George E. Kleiber, D.O. | 10 CFR 35.200. |
| Marshall S. Spencer, M.D. | 10 CFR 35.200. |
| Jerrold M. Weiss, M.D. | 10 CFR 35.100 and 35.200. |
| Hasmukh I. Patel, M.D. | 10 CFR 35.100 and 35.200. |

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| Authorized Users | Material and Use |
|---|---|
| Thomas J. Archambeau, M.D. | 10 CFR 35.100 and 35.200. |
| Gary Leago, M.D. | 10 CFR 35.100 and 35.200. |
| Donald C. Simon, M.D. | 10 CFR 35.100 and 35.200. |
| Mark W. Cimmerer, M.D. | 10 CFR 35.100 and 35.200. |
| Samir Parikh, M.D. | 10 CFR 35.100 and 35.200. |
| Gregory Mitchinson, M.D. | 10 CFR 35.100 and 35.200. |
| Robert E. Dorfman, M.D. | 10 CFR 35.100 and 35.200. |
| Smruti S. Parikh, M.D. | 10 CFR 35.200. |
| Donna R. Moyer, D.O. | 10 CFR 35.100 and 35.200. |
| John D. DeMott, Jr., M.D. | 10 CFR 35.100 and 35.200. |
| Edward J. Maas, M.D. | 10 CFR 35.100 and 35.200. |
| Richard W. Partridge, M.D. | 10 CFR 35.100 and 35.200. |
| David J. Mulligan, M.D. | 10 CFR 35.100 and 35.200. |
| Richard R. Harper, M.D. | 10 CFR 35.100 and 35.200. |
| Konstanin R. Loewig, M.D. | 10 CFR 35.100 and 35.200. |
| Paul C. Field, M.D. | 10 CFR 35.100 and 35.200. |
| John A. Merchun, M.D. | 10 CFR 35.100 and 35.200. |
| Anthony D. Barclay, M.D. | 10 CFR 35.100 and 35.200. |
| William Frauenheim, M.D. | 10 CFR 35.100 and 35.200. |

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13. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."

14. Licensed material (excluding xenon and generators) may be delivered to licensee vans that are located at temporary sites and occupied by Mirview personnel.

15. Radioactive waste generated by the licensee may be picked up by a nuclear pharmacy from vans located at temporary job sites and occupied by Mirview personnel.

16. 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 1, 2002;

B. Facsimiles dated July 21, 2002, transmitting letter dated July 18, 2002, August 12, 2002, and March 24, 2005;

C. Letters dated April 8, 2003 and May 1, 2003; and

**D. Facsimile letter dated November 20, 2007.**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date FEB 11 2008

By William P. Reichhold
William P. Reichhold
Materials Licensing Branch
Region III