U.S. NUCLEAR REGULATORY COMMISSION

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. 060220 31 871

Licensee	
1. Advanced PET Imaging Network	3. License number 21-32763-01
2. 4714 South Garfield Road Auburn, MI 48611	4. Expiration date November 30, 2019
	5. Docket No. 030-38146 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. Licensed material may be used or stored at the licensee's facilities located at 4005 Orchard Drive, Midland, Michigan and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. The Radiation Safety Officer for this license is James M. Botti, 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.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
21-32763-01
Docket or Reference Number
030-38146

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

Authorized Users	Material and Use
Steven Pavlock, M.D.	10 CFR 35.100 and 35.200
Rami Safadi, M.D.	10 CFR 35.100 and 35.200
James Derek Hood, M.D.	10 CFR 35.100 and 35.200
Timothy Berka, M.D.	10 CFR 35.100 and 35.200
Jeffrey Herman, M.D.	10 CFR 35.100 and 35.200
Peter M. Peer, M.D.	10 CFR 35.100 and 35.200
Thomas A. Hughes, M.D.	10 CFR 35.100 and 35.200
Michael Bartlett, M.D.	10 CFR 35.100 and 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."

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 August 6, 2009; and

B. Letter dated November 9, 2009.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date NOV 16 2009

By Toye L. Simmons

Toye L. Simmons
Materials Licensing Branch
Region III