

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 01

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. Advanced Nuclear Medicine, LLC</p> <p>2. 2008 West Boulevard Kokomo, IN 46902</p>	<p>In accordance with the application dated June 1 2013,</p> <p>3. License number 13-32467-01-01 is renewed in its entirety as follows:</p> <p>4. Expiration date December 31, 2023</p> <p>5. Docket No. 030-36381 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Iodine-131 permitted by 10 CFR 35.300</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</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> <p>C. 500 millicuries</p>
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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.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300, for which the patient can be released under the provisions of 10 CFR 35.75.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located at 2008 West Boulevard, Kokomo, Indiana.
11. The Radiation Safety Officer for this license is Todd Reyburn.
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.**

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
24-17628-01

Docket or Reference Number
030-36381

Amendment No. 01

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

Authorized Users

Material and Use

Todd Reyburn, M.D.

10 CFR 35.100, 35.200 and iodine-131 in quantities not to exceed 33 millicuries.

Keith S. Wexler, M.D.

10 CFR 35.100, 35.200 and iodine-131 in quantities not to exceed 33 millicuries.

13. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

14. 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 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 June 1, 2013 (with attachments, excluding request for any byproduct material permitted by 10 CFR 35.300 beyond iodine-131 in Items 5 and 6)).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date DEC 10 2013

By Colleen Carol Casey
Colleen Carol Casey
Materials Licensing Branch
Region III