

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.

<p style="text-align: center;">Licensee</p> <p>1. Pfizer, Inc. Groton Laboratories</p> <p>2. Eastern Point Road Groton, Connecticut 06340</p>	<p>In accordance with the letter dated, May 23, 2013,</p> <p>3. License number 06-05869-03 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date November 30, 2019</p> <hr/> <p>5. Docket No. 030-38124 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Carbon 11</p> <p>B. Nitrogen 13</p> <p>C. Oxygen 15</p> <p>D. Fluorine 18</p> <p>E. Copper 64</p> <p>F. Zirconium 89</p> <p>G. Iodine 124</p> <p>H. Any byproduct material with atomic numbers 1 through 83</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any</p> <p>E. Any</p> <p>F. Any</p> <p>G. Any</p> <p>H. Incidentally activated products</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 10 curies</p> <p>B. 5 curies</p> <p>C. 5 curies</p> <p>D. 10 curies</p> <p>E. 100 millicuries</p> <p>F. 200 millicuries</p> <p>G. 100 millicuries</p> <p>H. 100 millicuries per radionuclide and 5 curies total</p>
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9. Authorized use:
- A. through G. Production, possession, handling, packaging and distribution of radiochemicals to persons authorized to receive the licensed material pursuant to the terms and conditions of specific licenses issued by the U.S. Nuclear Regulatory Commission or any Agreement State.
- H. Possession and storage only of byproduct materials incidental to radionuclide production.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at Eastern Point Road, Groton, Connecticut.
11. Licensed material shall be used by, or under the supervision of, David Durkee.
12. The Radiation Safety Officer for this license is David Durkee.

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13. This license does not authorize distribution to persons licensed pursuant to 10 CFR 32.72 or 32.74; to persons exempt from licensing; or to general licensees.
14. The licensee shall not use licensed material in or on human beings.
15. The licensee is authorized to hold byproduct material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal without regard to its radioactivity if the licensee:
 - A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and
 - B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and
 - C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.
16. 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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17. 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. 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 25, 2009 [ML092440314]
 - B. Letter dated October 12, 2009 [ML092890570]
 - C. Letter dated June 16, 2011 [ML111751038]



For the U.S. Nuclear Regulatory Commission

Date June 27, 2013

By

Original signed by Elizabeth Ullrich

Elizabeth Ullrich
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406