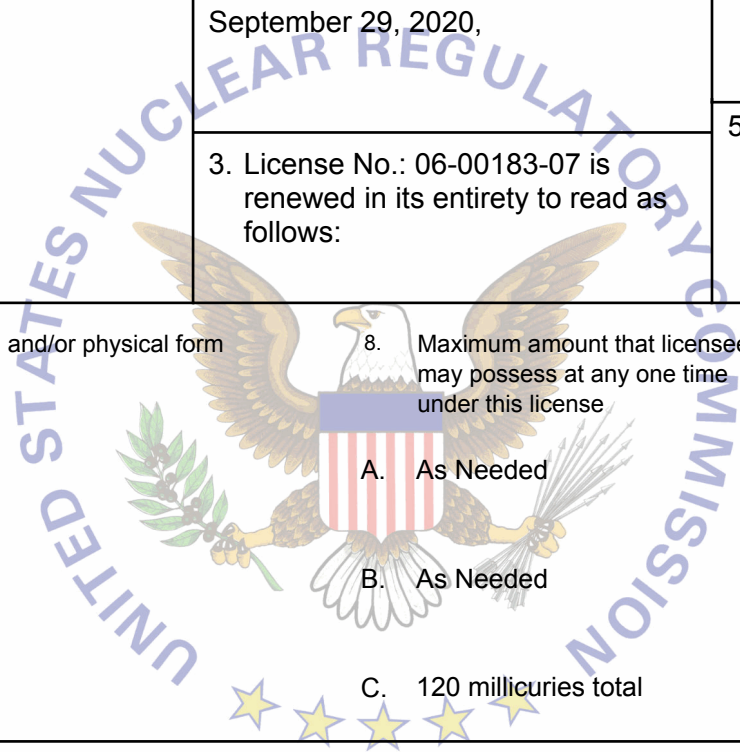


MATERIALS LICENSE

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, 37, 39, 40, 70 and 71, 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>Licensee</p> <p>1. Yale University</p> <p>2. Environmental Health & Safety 135 College St., First Floor, Suite 100 New Haven, CT 06510-2411</p>		<p>In accordance with letter dated September 29, 2020,</p>	<p>4. Expiration Date: March 31, 2036</p>
		<p>3. License No.: 06-00183-07 is renewed in its entirety to read as follows:</p>	<p>5. Docket No.: 030-38332 Reference No.:</p>
<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. Fluorine-18</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Liquid</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. 120 millicuries total</p>	<p>9. Authorized use</p> <p>A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.</p> <p>B. For use in imaging and localization studies permitted by 10 CFR 35.200.</p> <p>C. For use in calibration and checking of the licensee's instruments.</p>



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 06-00183-07

Docket or Reference No.:
030-38332

Amendment No. 6

CONDITIONS

10. Licensed material shall be used or stored at the licensee's facilities located at: PET Research Center, 801 Howard Avenue, First Floor Imaging Area, New Haven, Connecticut, 06510-2411
11. The Radiation Safety Officer (RSO) for this license is Kevin M. Charbonneau, CHP.
12. Licensed material shall only be used by, or under the supervision of:
- A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.
- B. The following individuals are authorized users for the material and medical uses as indicated:
- | <u>Authorized Users</u> | <u>Material and Use</u> |
|----------------------------|------------------------------|
| Annemarie Boustani, M.D. | 10 CFR 35.100, 10 CFR 35.200 |
| Ming-Kai Chen, M.D., Ph.D. | 10 CFR 35.100, 10 CFR 35.200 |
| Michal Kulon, M.D. | 10 CFR 35.100, 10 CFR 35.200 |
| Darko Pucar, M.D., Ph.D. | 10 CFR 35.100, 10 CFR 35.200 |
| Lawrence Saperstein, M.D. | 10 CFR 35.100, 10 CFR 35.200 |
| Albert J. Sinusas, M.D. | 10 CFR 35.100, 10 CFR 35.200 |
- C. The following individuals are authorized users for nonmedical uses as indicated:
- | <u>Authorized Users</u> | <u>Material and Use</u> |
|---------------------------|-------------------------------------------------------------------------------|
| Kevin M. Charbonneau, CHP | Fluorine-18 for use in calibration and checking of the licensee's instruments |

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 06-00183-07

Docket or Reference No.:
030-38332

Amendment No. 6

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 in 10 CFR 30.35(d) for which decommissioning financial assurance is required.
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 license condition applies only to those statements, representations, and 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 impose on the licensee requirements that are more restrictive than or in addition to the regulations.
- A. Letter dated October 26, 2010 (only item 2.e.) [ML103020262]
- B. Letter dated July 29, 2011 [ML112210901]
- C. Letter dated September 29, 2020 [ML20280A375]
- D. Application dated September 29, 2020 [ML20280A649]
- E. Letter dated March 10, 2021 [ML21075A288]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: March 24, 2021By: _____
Penny Lanzisera
Region 1