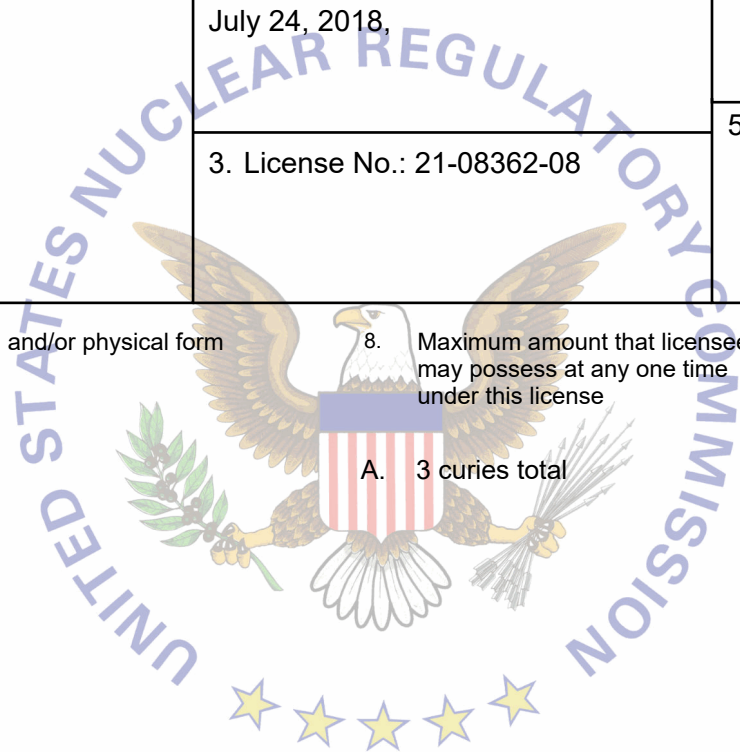


MATERIALS LICENSE

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 style="text-align: center;">Licensee</p> <p>1. Dow Corning Corporation</p> <p>2. 2200 W Salzburg Rd. Auburn, MI 48611</p>	<p>In accordance with letter dated July 24, 2018,</p>	<p>4. Expiration Date: October 31, 2022</p>
	<p>3. License No.: 21-08362-08</p>	<p>5. Docket No.: 030-04858 Reference No.:</p>

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	9. Authorized use
A. Carbon-14	A. Any	A. 3 curies total	A. For decommissioning activities in accordance with statements, representations and procedures contained in the April 22, 2019 letter including the April 8, 2019 Decommissioning Plan (ADAMS Accession No. ML19114A482) and associated supporting documents noted in the Dow Corning Corporation Decommissioning Plan SER (ADAMS Accession No. ML21179B175).
B. Hydrogen-3	B. Any	B. 200 millicuries total	B. Same as Subitem No. 9.A.
C. Chromium-51	C. Any	C. 200 millicuries total	C. Same as Subitem No. 9.A.
D. Phosphorus-32	D. Any	D. 50 millicuries total	D. Same as Subitem No. 9.A.



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 21-08362-08

Docket or Reference No.:
030-04858

Amendment No. 34

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	9. Authorized use
E. Sulfur-35	E. Any	E. 50 millicuries total	E. Same as Subitem No. 9.A.
F. Iodine-125	F. Prepackaged Kits	F. 10 millicuries total	F. Same as Subitem No. 9.A.
G. Carbon-14	G. Solid Liquid Waste	G. See Item 6.A.	G. Same as Subitem No. 9.A.
H. Hydrogen-3	H. Solid Liquid Waste	H. See Item 6.B.	H. Same as Subitem No. 9.A.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 2200 W Salzburg Rd., Auburn, MI, 48611.
11. The Radiation Safety Officer (RSO) for this license is Kelly A. Wegener.
12. Licensed material shall only be used by, or under the supervision of, individuals designated by the Radiation Safety Committee, Debra A. McNett, Chairperson. The licensee shall maintain records of individuals designated as users for 3 years after the individual's last use of licensed material.
13. The licensee shall not use the licensed material in or on humans, except as provided otherwise by specific condition of this license.
14. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 21-08362-08

Docket or Reference No.:

030-04858

Amendment No. 34

15. Experimental animals, or the products from experimental animals, that have been administered licensed material shall not be used for human consumption.
16. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash provided:
- A. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated, 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.
 - B. A record of each such disposal permitted under this license condition shall be retained for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. 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 April 17, 2012 (ML12114A342)
 - B. Letter dated October 15, 2012 (ML12299A225)
 - C. Letter dated February 23, 2015 (ML15061A432)
 - D. Letter dated May 7, 2015 (ML15146A432)
 - E. Letter dated January 23, 2017 (ML17031A417)

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.: 21-08362-08

Docket or Reference No.:
030-04858

Amendment No. 34

- F. Letter dated September 1, 2017 (ML17257A076)
- G. Letter dated July 24, 2018 (ML18228A804)
- H. Letter dated April 22, 2019 (ML19114A482)
- I. Letter dated October 24, 2019 (ML19347B155)
- J. Letter dated April 14, 2020 (ML20105A239)
- K. Licensee email dated February 15, 2021 including attachments (ML21049A026)
- L. Letter dated March 18, 2021 (ML21082A187)
- M. Safety Evaluation Report dated June 28, 2021 (ML21179B175)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: June 28, 2021

By: _____

Michael M. LaFranzo
Region III