



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

February 7, 2018

NMED No. 180009 (Closed)

Kelly Wegener  
Radiation Safety Officer  
DOW Corning Corporation  
2200 W. Salzburg Road  
Auburn, MI 48611

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03004858/2017001(DNMS) —  
DOW CORNING CORPORATION

Dear Ms. Wegener:

On November 15, 2017, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at your facility in Auburn, Michigan, with continued in-office review through January 11, 2018. The purpose of the inspection was to review activities performed under your NRC license to ensure that activities were being performed in accordance with NRC requirements. The in-office review included receipt and review of your written evaluation of the potential overexposure incident described below, as well as an independent assessment of the incident. Mr. Edward Harvey of my staff discussed the inspection findings with you during a final, telephonic exit meeting on January 11, 2018.

During this inspection, the NRC staff examined activities conducted under your license related to public health and safety, and security. Additionally, the staff examined your compliance with the Commission's rules and regulations as well as the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel. No violations were identified as a result of this inspection.

As part of the inspection, the inspector also evaluated the circumstances surrounding a potential overexposure to a contractor that was reported to the NRC on October 31, 2017. Based on interviews with licensee staff and documentation submitted to the NRC by the licensee, the NRC concluded any exposure received by the individual would be considered an occupational exposure and therefore fall under the limits established in Title 10 of the *Code of Federal Regulations* (CFR) 20.1201. As such, the 49-millirem shallow dose equivalent, as calculated by the licensee, was approximately 1/1,000<sup>th</sup> of the annual occupational dose limit to the extremities. The NRC's review of this incident is closed; therefore, you are not required to provide any further information or respond to this letter.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

K. Wegener

2

Please feel free to contact Mr. Harvey if you have any questions regarding this inspection. Mr. Harvey can be reached at 630-829-9819.

Sincerely,

*/RA/*

Aaron T. McCraw, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 030-04858  
License No. 21-08362-08

cc: State of Michigan

Letter to Ms. Kelly Wegener from Aaron T. McCraw dated February 7, 2018

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03004858/2017001(DNMS) –  
DOW CORNING CORPORATION

DISTRIBUTION w/encl:

Steven West  
Darrell Roberts  
John Giessner  
Christine Lipa  
Rick Skokowski  
Kenneth Lambert  
Paul Pelke  
MIB Inspectors

**ADAMS Accession Number: ML18038B465**

OFFICE	RIII-DNMS	RIII-DNMS					
NAME	EHarvey:cl AMcCraw for	AMcCraw					
DATE	2/7/2018	2/7/2018					

**OFFICIAL RECORD COPY**