

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Dow Corning Corporation 3901 South Saginaw Road, Mail No. 002 Midland, MI 48686 REPORT NUMBER(S) 2018001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-10509	4. LICENSE NUMBER(S) 21-08362-12	5. DATE(S) OF INSPECTION June 19 th 2018	

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

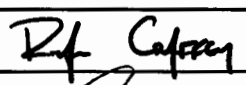

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Ryan Craffey		6/19/18
BRANCH CHIEF	Aaron McCraw		06/29/2018

Docket File Information

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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS All		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Bruce Reed - RSO	4. TELEPHONE NUMBER (989) 496-8823
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: 06/19/2023 <input type="checkbox"/> Field Office Inspection <input type="checkbox"/> Temporary Job Site Inspection			

PROGRAM SCOPE

This was an unannounced routine inspection of a multinational silicone products manufacturer authorized to use sealed sources of radioactive material primarily for level measurements on process vessels at its facility in Midland, Michigan. At the time of the inspection, the licensee possessed a variety of Vega Americas and Berthold Technologies fixed gauges containing Co-60 or Cs-137, as well as one CPN International MCM-2 portable gauge containing Am-241 that the licensee occasionally used for measuring the moisture content of vessel insulation. One individual, the RSO, was actively involved in the oversight of these devices, while the manufacturer or an authorized service provider performed non-routine maintenance and analyzed leak tests collected by the licensee every six months.

PERFORMANCE OBSERVATIONS

The inspector toured the facility in Midland to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys around numerous source holders, and found no exposures in unrestricted areas in excess of regulatory limits, nor any unexpected readings in the vicinity of these devices. The inspector observed the implementation of lock out / tag out procedures, verified that the licensee adequately secured its portable gauge with two barriers, and interviewed staff involved in overseeing the gauges to discuss gauge maintenance and program oversight. The staff were knowledgeable of radiation protection principles, licensee procedures, and regulatory requirements.

The inspector also reviewed a selection of records, including documentation of leak tests, shutter checks, physical inventories, gauge installation surveys, and radiation safety program audits.

The licensee was previously cited in IR 03010509/2008001(DNMS) for the failure to adequately post radiation areas at its facility. The inspector reviewed the licensee's corrective actions, which appeared to be adequate, and identified no additional instances of recurrence. This violation is therefore closed. No other violations of NRC requirements were identified as a result of this inspection.