

September 16, 2016

Dr. Paul O'Connor, Facility Director
The Dow Chemical Company
1602 Building
Midland, MI 48667

SUBJECT: DOW CHEMICAL COMPANY, U.S. NUCLEAR REGULATORY COMMISSION
SECURITY-RELATED INSPECTION REPORT NO. 50-264/2016-202

Dear Dr. O'Connor:

From July 19-21, 2016, the U.S. Nuclear Regulatory Commission (NRC or the Commission) conducted a security inspection at your Dow TRIGA Research Reactor. The inspection included a review of activities authorized for your facility. Our inspection report presents the results of that inspection.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules, regulations, and orders; implementation of certain compensatory measures; and compliance with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel. Based on the results of this inspection, no findings of significance were identified. No response to this letter is required.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 2.390, "Public inspections, exemptions, requests for withholding," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from NRC's document system (Agencywide Documents Access and Management System (ADAMS)). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related items contained in the report and in accordance with 10 CFR 2.390(d), the inspection report will not be made available for public inspection.

P. O'Connor

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Should you have any questions concerning this inspection, please contact Johnny H. Eads at 301-415-0136 or by electronic mail at Johnny.Eads@nrc.gov.

Sincerely,

/RA/

Anthony J. Mendiola, Chief
Research and Test Reactors Oversight Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-264
License No. R-108

The Dow Chemical Company

Docket No. 50-264

cc:

Office of the Mayor
333 West Ellsworth
Midland, MI 48640

Office of the Governor
Room 1 – Capitol Building
Lansing, MI 48913

Ms. Shari Kennett
Environmental Health and Safety Responsible Care Leader
Chair, Radiation Safety Committee
1790 Building
Midland, MI 48674

Dr. Wayde Konze
Global Research and Development Director for Analytical Sciences
Chair, Reactor Operations Committee
The Dow Chemical Company
1897 Building
Midland, MI 48667

Test, Research, and Training
Reactor Newsletter
University of Florida
202 Nuclear Sciences Center
Gainesville, FL 32611

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