

July 19, 2010

Dr. Melinda P. Krahenbuhl  
Facility Director  
The Dow Chemical Company  
1602 Building  
Midland, MI 48667

SUBJECT: DOW CHEMICAL COMPANY - NRC SECURITY INSPECTION REPORT NO.  
50-264/2010-202

Dear Dr. Krahenbuhl:

The U.S. Nuclear Regulatory Commission (NRC, the Commission) conducted a routine announced security inspection at your Dow TRIGA Research Reactor (Inspection Report No. 50-264/2010-202). The enclosed report documents the inspection results, which were discussed on June 23, 2010, with you and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations, 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* Section 2.390, "Public inspections, exemptions, and requests for withholding," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the 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 enclosure, and in accordance with 10 CFR 2.390(d), a copy of the enclosure will not be available for public inspection.

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The Dow Chemical Company

Docket No. 50-264

cc w/o enclosure:

Office of the Mayor  
333 West Ellsworth  
Midland, MI 48640

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

Alex Pollock  
Chair, Radiation Safety Committee  
2030/410 Dow Center  
Midland, MI 48674

Dr. Sandeep Dhingra  
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

Should you have any questions concerning this inspection, please contact Jack Donohue at 860-495-5332 or electronic mail at [Jack.Donohue@nrc.gov](mailto:Jack.Donohue@nrc.gov)

Sincerely,

***/RA By Patrick Isaac Acting For/***  
Johnny Eads, Branch 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

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Should you have any questions concerning this inspection, please contact Jack Donohue at 860-495-5332 or electronic mail at [Jack.Donohue@nrc.gov](mailto:Jack.Donohue@nrc.gov)

Sincerely,

***/RA By Patrick Isaac Acting For/***  
Johnny Eads, Branch Chief  
Research and Test Reactors Oversight Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

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