

January 19, 2016

Paul J. O'Connor, Ph.D.  
Facility Director  
Dow Chemical TRIGA Research Reactor  
Dow Chemical Company  
Building 1602  
Midland, MI 48674

SUBJECT: DOW CHEMICAL COMPANY TRIGA RESEARCH REACTOR - CLOSURE OF  
CONFIRMATORY ACTION LETTER NO. NRR-04-009 ON SITE-SPECIFIC  
COMPENSATORY MEASURES IMPLEMENTATION PLAN

Dear Dr. O'Connor:

The purpose of this letter is to inform you of the closure of Confirmatory Action Letter (CAL) No. NRR-04-009 that was issued to you on April 2, 2004 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML033280648). This CAL formalized commitments to implement site-specific compensatory measures (CMs) related to security and safeguards.

By letter dated April 1, 2009, you submitted an application for license renewal of Facility Operating License No. R-108 for the Dow Chemical Company, Dow TRIGA Research Reactor (ADAMS Accession No. ML092150443). On June 18, 2014, the U.S. Nuclear Regulatory Commission (NRC) issued the renewal of Facility Operating License No. R-108 (ADAMS Accession No. ML12137A151). As part of the license renewal application review, NRC staff reviewed the Dow TRIGA Research Reactor Security Plan dated September 16, 2013, and found it to be in compliance with the applicable regulations contained in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 73, "Physical Protection of Plants and Materials." In addition, the staff found that the site-specific CMs committed to in CAL No. NRR-04-009 have also been incorporated into the Dow TRIGA Research Reactor Security Plan. Therefore, the NRC considers CAL No. NRR-04-009 closed.

Under 10 CFR 2.390, "Public inspections, exemptions, requests for withholding," a copy of this letter will be made available electronically for public inspection in the NRC Public Document Room located at NRC Headquarters in Rockville, MD, and from ADAMS, which is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

P. O'Conner

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If you have any questions, please contact Mr. Anthony Mendiola, Chief, Research and Test Reactors Oversight Branch, at 301-415-1054, or by electronic mail at [Anthony.Mendiola@nrc.gov](mailto:Anthony.Mendiola@nrc.gov).

Sincerely,

*/RA/*

Lawrence E. Kokajko, Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Docket No. 50-264

License No. R-108

cc: See next page

P. O'Conner

- 2 -

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Sincerely,

**/RA/**

Lawrence E. Kokajko, Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Docket No. 50-264

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cc: See next page

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**ADAMS Accession No.: ML15364A373**

**\*via email**

**NRR-106**

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DATE	1/4/2016	1/4/2016	12/31/2015	1/5/2016
OFFICE	NRR/DPR/DD	NRR/DPR/D	NRR/D	NRR/DPR/D
NAME	MGavrilas	LKokajko	WDean	LKokajko
DATE	1/11/2016	1/14/2016	1/15/2016	1/19/2016

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Dow Chemical Company

Docket No. 50-264

cc:

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333 West Ellsworth  
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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  
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Dr. Wayde Konze  
Global Research and Development Director for Analytical Sciences  
Chair, Reactor Operations Committee  
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Test, Research, and Training  
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