

September 6, 2011

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

SUBJECT: DOW CHEMICAL COMPANY- APPROVAL OF THE DOW CHEMICAL
REACTOR FACILITY REQUALIFICATION PROGRAM

Dear Dr. O'Connor:

The U.S. Nuclear Regulatory Commission (the Commission) has reviewed the revised Dow Chemical Reactor Facility Requalification Program that you submitted in your license renewal application dated April 1, 2009, as supplemented by letters dated November 17, 2010, May 25, and June 16, 2011. Our review concluded that the revised Requalification Plan meets the applicable requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 55 and are acceptable. We request that you begin to implement your approved program immediately.

In accordance with 10 CFR 2.390 of the Commission's regulations, a copy of this letter will be placed in the NRC Public Document Room. If you have any questions, please contact me at (301) 415-0893.

Sincerely,

/LTran for RA/

Geoffrey A. Wertz, Project Manager
Research and Test Reactors Licensing Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-264

cc: See next page

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

Mr. Dan Rader
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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ADAMS ACCESSION NO.: ML112490009 **Concur via e-mail

TEMPLATE #: NRR-106

OFFICE	PRLB:PM**	PRPB:LA	PRLB:BC	PRLB:PM**
NAME	GWertz	GLappert	LTran for JQuichocho	GWertz
DATE	8/5/2011	9/6/2011	9/6/2011	9/6/2011

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