

November 2, 2011

Dr. 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 – APPROVAL OF EXTENSION REQUESTS TO
RESPOND TO NRC REQUEST FOR ADDITIONAL INFORMATION DATED
NOVEMBER 2, 2010 AND JULY 11, 2011 (TAC NO. ME1595)

Dear Dr. O'Connor:

By letter dated October 12, 2011, (Agencywide Document Access and Management System (ADAMS) Accession No. ML112930035) Dow Chemical Company requested a 30-day extension to provide responses to our request for additional information (RAI). Specifically, the request applied to six RAIs which required outside technical assistance. We have reviewed and agree with your request because these RAIs are complex and the detailed analyses performed must be translated into the RAI responses. Please provide your responses as approved within 30 days of the date of this letter.

In a separate letter, dated October 12, 2011, (ADAMS Accession No. ML11287A035) Dow Chemical Company requested a 60-day extension to provide a response to (RAI 2a) of our RAI letter dated July 11, 2011 (ADAMS Accession No. ML111730586). This request will allow Dow Chemical Company the opportunity to complete development of a negation action plan with respect to this financial qualification RAI. We have reviewed and agree with your request because developing the RAI response requires decisions within multiple levels of management and must be approved by the Board of Directors. Please provide your responses as approved within 60 days of the date of this letter.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.30(b), you must execute your response in a signed original document under oath or affirmation. Your response must be submitted in accordance with 10 CFR 50.4, "Written Communications." Information included in your response that is considered security sensitive, or proprietary, that you seek to have withheld from the public, must be marked in accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding."

P. O'Connor

- 2 -

If you have any questions, please contact Walter Meyer at 301-415-0897 or by electronic mail at walter.meyer@nrc.gov.

Sincerely,

/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

P. O'Connor

- 2 -

If you have any questions, please contact Walter Meyer at 301-415-0897 or by electronic mail at walter.meyer@nrc.gov.

Sincerely,

/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

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ADAMS Accession Number ML113040004 *concurrence via e-mail

NRR-106

OFFICE	PRLB: PM	PRLB: PM*	PRLB: LA	PRLB: ABC	PRLB: PM*
NAME	WMeyer	GWertz	GLappert	PSilva	GWertz
DATE	10/25/2011	10/31/2011	10/31/2011	11/1/11	11/2/11

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