

Dr. Susan Butts
The Dow Chemical Company
Chair, Reactor Operations Committee
1802 Building
Midland, Michigan 48667

February 11, 1998

SUBJECT: ISSUANCE OF AMENDMENT NO. 8 TO FACILITY OPERATING LICENSE
NO. R-108, THE DOW CHEMICAL COMPANY (TAC NO. MA0710)

Dear Dr. Butts:

The Commission has issued enclosed Amendment No. 8 to Facility Operating License No. R-108 for the Dow Chemical Company TRIGA Research Reactor. The amendment consists of changes to the technical specifications (TS) in response to your submittal of January 29, 1998, as supplemented on February 2, 1998.

The amendment increases the amount of time from 30 to 60 days that a temporary radiation monitor may be used in place of the area monitor.

A copy of the safety evaluation supporting Amendment No. 8 is also enclosed.

Sincerely,

ORIGINAL SIGNED BY:

Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

Docket No. 50-264

Enclosures:

1. Amendment No. 8
2. Safety Evaluation

cc w/enclosures:
See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 11, 1998

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Sincerely,

A handwritten signature in cursive script, appearing to read "Alexander Adams, Jr.", written in dark ink.

Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

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Dow Chemical Company

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cc:

Office of the Mayor
333 West Ellsworth
Midland, Michigan 48640

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

Stan Dombrowski
Chair, Radiation Safety Committee
Dow North America
1803 Building
Midland, Michigan 48667