

MAY 30 1984

Docket No. 50-264

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Mr. Charles W. Kocher
Reactor Manager
H & E. S/I.H.
1602 Building
Dow Chemical Research Center
Midland, Michigan 48640

Dear Mr. Kocher:

The staff of the U. S. Nuclear Regulatory Commission (NRC) has completed its review and evaluation of the emergency plan for the Dow Chemical Company TRIGA research reactor that was submitted on March 1, 1984, in compliance with 10 CFR 50.54(q) and (r). The plan was reviewed against the requirements of Appendix E to 10 CFR Part 50, the guidance criteria set forth in Revision 1 to Regulatory Guide 2.6 and ANSI/ANS-15.16-1982, "Emergency Planning for Research Reactors."

Based on its review, and as discussed in the enclosed safety evaluation, the staff concludes that the emergency plan for the Dow Chemical Company reactor facility meets both the requirements of the regulations and the guidelines provided to you and is, therefore, acceptable. We request that you begin to implement your approved emergency plan immediately, with full implementation to be accomplished within 120 days of the date of this letter. Furthermore, you are requested to inform us by letter of the date on which complete implementation is achieved.

If you have any questions, please contact Robert Carter, our Project Manager for your facility, at (301) 492-9795.

Sincerely,

151

Cecil O. Thomas, Chief
Standardization & Special
Projects Branch
Division of Licensing

Enclosure:
As stated

cc: See next page

Rec
DL:SSPB
PAnderson:cc
5/7/84

Rec
DL:SSPB
RCarter
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[Signature]
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Reactor Manager
H & E. S/I.H.
1602 Building
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Midland, Michigan

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Sincerely,

A handwritten signature in cursive script that reads "Cecil O. Thomas".

Cecil O. Thomas, Chief
Standardization & Special
Projects Branch
Division of Licensing

Enclosure:
As stated

cc: See next page

Dow Chemical Company

50-264

cc w/enclosure(s):

Mayor Robert D. Goodenough
202 Ashman
Midland, Michigan 48640

Mr. Jim Macki, Chairman
Reactor Operations Committee
Dow Chemical Company
1602 Building
Midland, Michigan 48640

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