

Docket Nos. 50-329/330

OCT 18 1974

Consumers Power Company
ATTN: Mr. S. H. Howell
Vice President
212 West Michigan Avenue
Jackson, Michigan 49201

THIS DOCUMENT CONTAINS
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Gentlemen:

We have reviewed Section 14.4 of Amendment 25 to your application for construction permits and operating licenses for Units 1 and 2 of your Midland Plant. Section 14.4 of Amendment 25 consists of revisions to the Preliminary Safety Analysis Report that describe your Analysis of High Energy Pipe Ruptures Outside the Reactor Building. Our review of the analysis cannot be completed until revisions to your analysis, applicable to Section 14.4 of Amendment 25, have been submitted which include the following:

- (1) According to Section 14.4.4.3, "For certain postulated breaks, the plant may be placed in hot standby while repairs are made". Provide justification for not bringing the plant to cold shutdown after these high energy line ruptures.
- (2) In the event of a main steam line break, describe the means for automatically isolating the control room from steam.
- (3) Provide a discussion of the effects of critical cracks in high energy lines on essential equipment.
- (4) Discuss the consequences of a rupture of the steam line to the auxiliary feedwater pump turbine coupled with a single active failure of the motor driven auxiliary feedwater pump.

In summary, our review cannot be completed until a high energy analysis for all high energy lines is submitted in the Final Safety Analysis Report for the Midland Plant, Units 1 and 2.

Sincerely,

Original signed by

A. Schwencer, Chief
Light Water Reactors Branch 2-3
Directorate of Licensing

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