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Docket No. 50-255

JUN 06 1979

Mr. David Bixel
Nuclear Licensing Administrator
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Dear Mr. Bixel:

We are continuing our review of your October 2, 1978 submittal related to the generic issue of onsite power systems. Based on our review we have found that additional information is needed to continue our review. To maintain our review schedule we request your reply within 45 days of the date of this letter.

Sincerely,

Original signed by
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

MPP3
CCP

DRB

7907190759

OFFICE	DOR:ORB #2	DOR:ORB #2				
SURNAME	RDSilver:ah	DLZiemann				
DATE	6/6/79	6/6/79				

NRC FORM 318 (9-76) NRCM 0240 ★ U.S. GOVERNMENT PRINTING OFFICE: 1976 - 269 - 769

cc w/enclosure:
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212 West Michigan Avenue
Jackson, Michigan 49201

Judd L. Bacon, Esquire
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Kalamazoo Public Library
315 South Rose Street
Kalamazoo, Michigan 49006

REQUEST FOR ADDITIONAL INFORMATION
PALISADES PLANT
DEGRADED GRID VOLTAGE

1. In your response to position 1f you state that detrimental minimum voltage levels will only occur during a shutdown mode and, therefore, no limiting conditions of operation are necessary. It is our position that a reactor trip while the grid is in a degraded state would be a situation in which the protective relays would have to operate correctly and that technical specifications for voltage protection are necessary. Therefore, please submit technical specification changes to comply with our June 3, 1977 letter. These changes should comply as close as possible to the Model Technical Specifications (MTS) and should also include the limiting conditions for operation, surveillance requirements, nominal set-points with minimum and maximum limits for first level voltage protection (loss-of-voltage) as shown in the MTS.

2. Please explain why your choice of a 3/3 coincident logic is acceptable from a safety standpoint (as contrasted to a 2/3 coincident scheme). Schematics of the proposed relaying circuits and types of relays being used are also requested.

3. Will the proposed relays and other components of the circuit be seismically and environmentally qualified?

4. Has an analysis been performed to determine if the proposed 6 second time delay is of long enough duration to take into account the starting time and consequential voltage drops from large motors on the bus?