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Docket Nos. 50-329
and 50-330

OCT. 09 1975

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

THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

Gentlemen:

We have reviewed Amendment No. 30 to your application for construction permits and operating licenses for Units 1 and 2 of your Midland Plant. This amendment represents a change from steel pipe to concrete pipe for the lines connecting the service water pump structure to the emergency cooling pond.

As indicated in Amendment No. 30, the intake and return pipe lines from the service water pump structure to the emergency cooling water pond shall be prestressed concrete water pipe, embedded steel cylinder type, conforming to American Water Works Association specification AMWA C-301-72, "Standard for Prestressed Concrete Pressure Pipe, Steel Cylinder Type, for Water and Other Liquids." These lines are classified Seismic Category I and will be designed to accommodate postulated seismically induced ground motion without loss of function. The pipe lines will be designed to accommodate seismic ground motion as well as differential motion with the service water pump structure. The pipe lines will be provided with sufficient flexibility by the joint design to allow longitudinal movement in either direction along the axis of the pipe and to allow an angular deflection.

We have concluded that the analytical procedures and criteria described in Amendment No. 30 are adequate and provide an acceptable basis for the structural design of the intake and return pipe lines from the service water pump structure to the emergency cooling pond for the Midland Plant.

Sincerely,

Original Signed by
A. Schwencer

copy
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OFFICE →	RL:LWR 2-3 SMackay	RL:LWR 2-3 ASchwencer	A. Schwencer, Chief Light Water Reactors Branch 2-3 Division of Reactor Licensing		
SURNAME →	SMackay:pga	ASchwencer			
DATE →	10/6/75	10/9/75			

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OCT. 09 1975

Consumers Power Company

- 2 -

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