

OCT 30 1974

Docket Nos. 50-329  
and 50-330

Mr. S. H. Howell  
Vice President  
Consumers Power Company  
212 West Michigan Avenue  
Jackson, Michigan 44201

THIS DOCUMENT CONTAINS  
POOR QUALITY PAGES

Dear Mr. Howell:

We have reviewed Amendment 27 to your application for construction permits and operating licenses for Units 1 and 2 of your Midland Plant. This amendment consists of revisions to the Preliminary Safety Analysis Report (PSAR) that describe in detail information on unwashed and washed aggregate to be used for all Category I structures of the Midland Plant.

In our review of Amendment 27 and the enclosed report entitled, "Use of Coarse Aggregate With Varied Percentage of Material Passing the #200 Sieve", prepared by Bechtel Associates Professional Corporation of Ann Arbor, Michigan, dated July 27, 1974, you indicate that tests show the fines content of some samples as high as 2.0%. The ASTM Specification C-33 permits fines content up to 1.5%. Tentative revisions of ASTM-C-33, published in the 1973 issue of ASTM Standards, Part 10, permits the fines content to exceed the limit of 1.5% when tests demonstrate satisfactory performance of the aggregate.

In summary, the results of your compression tests have been found to be satisfactory and the type of aggregate detailed in your Amendment 27 to the PSAR will provide satisfactory results in Seismic Category I structures for the Midland Plant, Units 1 and 2 provided that due attention is given to the Quality Control of the concrete.

Sincerely,

Original signed by

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

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Mr. S. H. Howell

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