

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of

CONSUMERS POWER COMPANY

(Midland Plant, Units 1 and 2)

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)
)

Docket Nos. 50-329 OM & OL
50-330 OM & OL

SUPPLEMENTAL TESTIMONY OF DARL S. HOOD
WITH RESPECT TO A LICENSING BOARD
QUESTION CONCERNING CONTINUED CONSTRUCTION

Q. 1. Please state your name and position with the NRC.

A. My name is Darl S. Hood. I am a Senior Project Manager in the Division of Licensing, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission.

Q. 2. Please state the purpose of this testimony.

A. My testimony of June 8, 1981 with respect to a Licensing Board question concerning continued construction discussed, in part, installation of 20 permanent back-up interceptor wells in the area near the Service Water Structures and the Circulating Water Intake Structure. This earlier testimony indicated that a revised specification and Q/A program for installing the wells which incorporates the recommendations of the NRC Staff and the U.S. Army Corps of Engineers were to be provided by CPC the week of June 8, 1981, and that upon receipt and favorable review by the Staff of the revised specification and Q/A program, the NRC would be in a position to concur with CPC's decision to proceed with the well installations. The purpose of this supplemental testimony is to provide the current status of the Staff's review and approval.

Q. 3. What is the current status of the Staff's review and approval for the installation of the 20 back-up interceptor wells?

A. By cover letter dated June 8, 1981, the Staff received from CPC the applicable portions of the revised specification and Q/A program for installing these wells. These documents were reviewed by the NRC Staff, including a member of the Office of Inspection and Enforcement at Region III. During the course of this review, several conference calls by telephone were held, during which CPC noted its intent to make further changes to these documents as suggested by the NRC.

In a telephone conference call on June 17, 1981, the NRC was advised that boring samples taken from three of seven dewatering well locations along the northwest wall of the Service Water Structure had revealed inter-bedded sands and clays with thicknesses and layers ranging from 2 to 3 feet for almost the full length of the hole. Because the finer clay soils were not adequately protected by the proposed gravel pack gradation selected for use in the wells, CPC proposes to relocate seven wells about 50 feet northwest, and an eighth well would be relocated about 20 feet west. CPC also stated that four new borings with sampling would be taken in the relocated wells, and the boring logs and gradation tests results would be provided to the NRC for review. CPC also stated its intent to proceed first with installation of the remaining twelve wells which will not be relocated, since these wells were found to consist of sand and were acceptably protected by the proposed gravel pack. The NRC staff noted its agreement with this approach during the telephone call.

On June 18, 1981, a letter from Mr. R. Tedesco advised CPC that, on the basis of CPC's statements of intent to make certain minor changes to its associated specification and Q/A documents and on the basis of other information provided in CPC's previous letters on dewatering, the Staff has reasonable assurance that installation of the twelve wells not designated for relocation will be performed in an acceptable manner. On the basis of the above testimony, and as also stated in the June 18, 1981 letter, the Staff has no technical objection should CPC elect to proceed with installation of the twelve wells not designated to be relocated and generally located along the northwest walls of the Circulating Water Intake Structure and the adjacent Chlorine Building. The Staff's concurrence with respect to the remaining eight of the twenty back-up interceptor wells is deferred pending review of the four additional borings with samples to be taken in their revised location.

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CERTIFICATE OF SERVICE

I hereby certify that copies of SUPPLEMENTAL TESTIMONY OF DARL S. HOOD WITH RESPECT TO A LICENSING BOARD QUESTION CONCERNING CONTINUED CONSTRUCTION in the above-captioned proceeding have been served on the following by deposit in the United States mail, first class or, as indicated by an asterisk, through deposit in the Nuclear Regulatory Commission's internal mail system, this 25th day of June, 1981.

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