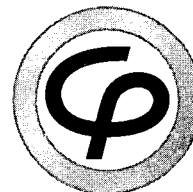
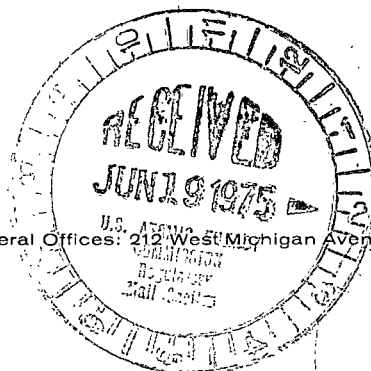


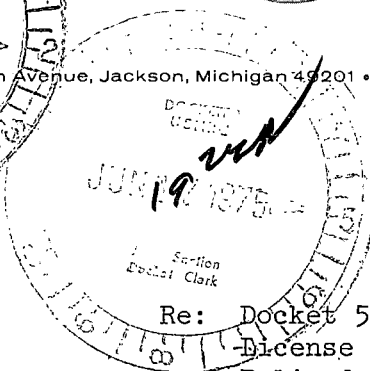
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**Consumers
Power
Company**

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

June 18, 1975



Mr. James G. Keppler
Office of Enforcement & Inspection
Region III
US Nuclear Regulatory Commission
Glen Ellyn, IL 60137

Re: Docket 50-255
License DPR-20
Palisades Plant
Additional Information
AO-21-74, 6-75 & 7-75

Dear Mr. Keppler:

By letter dated May 12, 1975, you requested additional information on Abnormal Occurrences 21-74, 6-75 and 7-75. This letter provides the requested information.

Request 1.a

AO-21-74 - Failure of Diesel Generator 1-1 Air Start Motor

FSAR Section 8.4.1.2 indicates that "Each engine has two independent starting control circuits including two air motors, ..." Describe the cause of the slow start on the single air motor and the corrective actions.

Response

A review of our records shows that the cause of the slow starting time was not determined. We have, however, reviewed the starting times since this AO and conclude that the slow start was an isolated occurrence since it has not reoccurred.

Request 1.b

AO-21-74 - Failure of Diesel Generator 1-1 Air Start Motor

The justification for modifying the test procedure to test the diesel starting using both air motors is not clear particularly since this test method identified a relay failure which would not apparently have been otherwise identified. Provide your justification for modifying the test procedure.

Response

The monthly testing procedure for the emergency diesel generator requires testing the starting times using only one of the air motors

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(each air motor is tested every other month) and thus the type of failure which caused AO-21-74 would be identified. As mentioned in AO-21-74, however, we would not consider failure to start, using only one air motor, as an abnormal occurrence provided an immediate retest using both air motors started the diesel generator satisfactorily.

Request 1.c

AO-21-74 - Failure of Diesel Generator 1-1 Air Start Motor

Discuss the applicability of the failure and corrective action to the other diesel generator.

Response

Each of our diesel generators has twenty-seven of the multi-contact relays identical to the one that failed. Since we have had no similar problems with these relays, we concluded that this failure was an isolated occurrence.

Request 2

AO-6-75 and 7-75 - High Effluent Heat Rate and Temperature

The cause was stated "to be associated with plant procedure problems." Corrective action does not indicate procedures will be revised. Provide details with respect to corrective action to prevent a recurrence.

Response

The plant procedures for "Circulating Water and Chlorination Systems" have been modified following the subject AO. These modifications, however, are considered an interim solution. As you are aware, we have had very limited experience with the closed cycle cooling system which has recently been installed at the plant and have not removed the cooling towers from service since these occurrences.

As mentioned in the reporting of these abnormal occurrences, we have initiated a study of the closed cycle cooling system. We will not, however, be able to conclude the study until we have experienced a number of cooling tower start-ups and shutdowns.

Yours very truly,

Ralph B. Sewell (Signed)

DAB/ds

Ralph B. Sewell
Nuclear Licensing Administrator

CC: Directorate of
Licensing