


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

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Mr James G Keppler
Office of Inspection and Enforcement
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

REGULATORY DOCKET FILE COPY

DOCKET 50-255 - LICENSE DPR-20 - PALISADES
PLANT - CONSUMERS POWER COMPANY - RESPONSE
TO IE BULLETIN 79-14: SEISMIC ANALYSIS FOR
AS-BUILT SAFETY-RELATED PIPING SYSTEMS

Enclosed please find Consumers Power Company's 120-day response to Item 3 of IE Bulletin 79-14 (Seismic Analysis for As-Built Safety-Related Piping Systems). The delay in Consumers Power Company's response is the result of in-house evaluation of data associated with the initial pipe stress run packages. This delay was discussed in a meeting between Consumers Power Company and staff of Region III US Nuclear Regulatory Commission on October 26, 1979.

Additional details relating to this IE Bulletin are expected to be submitted prior to plant start-up from the current outage.


David P Hoffman
Nuclear Licensing Administrator

CC Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement

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SEISMIC ANALYSIS
FOR
AS-BUILT SAFETY RELATED PIPING SYSTEMS
FOR
PALISADES NUCLEAR PLANT
CONSUMER POWER COMPANY

1. INTRODUCTION

USNRC Bulletin 79-14 dated July 2, 1979 (including Revision 1, July 18, 1979, Supplement 1, August 15, 1979, and Supplement 2, September 7, 1979) requested information be provided at 30, 60 and 120 day intervals.

The Consumers Power Company 30 and 60 day response were provided by CCo letters dated August 1, 1979 and August 30, 1979.

The following information is provided as the 120 day response.

2. STATUS OF INSPECTION

The current estimate is some 22,550 feet of piping and 2,346 supports are involved in the inspection. The Palisades Nuclear Plant was shut down for refueling on September 8, 1979, therefore most of the piping considered inaccessible per paragraph 2 of the CCo 60 day response is currently accessible. As of October 31, 1979, the following points are noted with respect to status:

- * Approximately 50 personnel are devoted at the Palisades site to the effort.
- * Approximately 40 additional personnel at off-site locations are devoted to evaluation of data being gathered on site.
- * Approximately 16,100 feet of pipe and 1,570 supports have been inspected at the site. The existing conditions have been recorded on drawings which are being processed.
- * Data on approximately 4,500 feet of pipe and its associated supports have been finalized and forwarded off-site for evaluation.

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3. STATUS OF EVALUATION

The piping being inspected and evaluated per NRC IE Bulletin 79-14 is comprised of about 70 pipe stress computer runs. As of October 31, 1979, the following points are noted with respect to evaluation of data gathered at the site:

- * The field data in evaluation (about 4,500 feet) consists of some 24 stress computer runs.
- * Evaluation of 8 of the pipe stress computer runs versus field data has been completed. Seven of the evaluations revealed no non-conformances. One pipe stress computer run revealed the need for an additional pipe support. The pipe support is being designed and will be installed. CPCo is evaluating reportability with respect to the Plant Technical Specifications. Other less significant discrepancies are being handled in a systematic method for corrective action.

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