



**Consumers  
Power  
Company**

## Regulatory Docket File

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

January 23, 1975

Directorate of Licensing  
US Nuclear Regulatory Commission  
Washington, DC 20545

Re: Docket 50-255  
License DPR-20  
Palisades Plant  
Monthly - Steam Generator  
Flushing Report

Gentlemen:

In accordance with Item (2) of Appendix C - Interim Technical Specifications, dated November 27, 1974, we are submitting the first Monthly Flushing Report. This report covers the period from December 6, 1974 through January 5, 1975.

On December 6, 1974, the steam generators (SG) were cooled to approximately 100°F in preparation for cold lay-up. The phosphate concentration at this time was: 13 ppm "A" and 5 ppm "B."

During the remainder of the period, SG blowdown was only initiated for sampling or changes in lay-up conditions. Several times the lay-up concentration of hydrazine was adjusted by lowering the level and refilling.

On January 4, 1975, the B-SG was drained (phosphates were approximately 16 ppm) and refilled to a hydrazine concentration of 200 ppm. The A-SG was drained on January 5, 1975 (phosphate concentration during drain was approximately 50 ppm). Both SG were refilled. Samples taken after the refill yielded 15 ppm phosphates in A-SG and 7 ppm in B-SG. Nitrogen cover gas was maintained during the drain and refill operations.

The total amount of phosphates (including the draining operations) removed to date from the SG was: 371 pounds from A-SG and 285 pounds. The SG are in a cold lay-up condition at this time.

Yours very truly,

Ralph B. Sewell  
Nuclear Licensing Administrator

WGF/smm

CC: JGKeppler, USNRC