

Regulatory

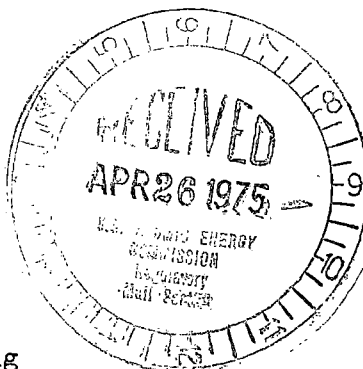
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**Consumers
Power
Company**

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

April 24, 1975



Division of Reactor Licensing
US Nuclear Regulatory Commission
Washington, DC 20555

Re: Docket 50-255
License DPR-20
Palisades Plant

Gentlemen:

Attached is Steam Generator Flushing Report No 4. This report covers the period March 6, 1975 through March 27, 1975. On March 28, 1975 we received our license to resume power operation. Therefore, the next monthly flushing report will be submitted in accordance with Appendix C to License DPR-20 (as amended March 28, 1975).

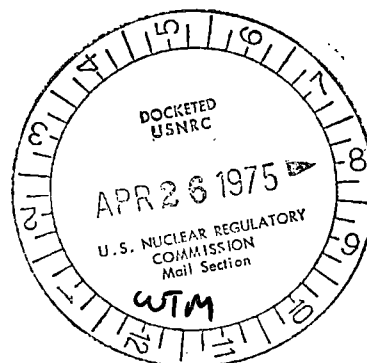
Yours very truly,

Ralph B. Sewell

WGF/ce

Ralph B. Sewell
Nuclear Licensing Administrator

CC: JGKeppler, USNRC, I&E



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PALISADES PLANT
Steam Generator Flushing Report No 4

Flushing Report No 4 covers the period from March 6, 1975 through March 27, 1975.

At the beginning of this period the steam generators were in a wet lay-up condition. These conditions existed until March 27, 1975.

On March 27, 1975 plant heat-up commenced. On March 28, 1975 the steam generators were in a feed and flush operation at 320°F. The pertinent steam generator chemistry on March 28 was:

| <u>'A'</u> | <u>'B'</u> |
|----------------------------------|------------|
| pH 10.15 | 10.10 |
| Cond 38 μ mho | 41.5 |
| PO ₄ 5.5 ppm | 3.5 |
| N ₂ H ₄ 40 | 36 |
| Blowdown 5000 #/h | 5000 #/h |

The high pH was due, we feel, to the thermal decomposition of N₂H₄ to NH₃ during heat-up.

The amount of phosphate removed from the steam generators did not substantially change during this period.