

April 5, 2000

US Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT
LICENSEE REPORT OF MONTHLY OPERATING DATA

Enclosed is a copy of the Monthly Operating Data and Summary of Operating Experience for the Palisades Nuclear Plant for the month of March, 2000.

If you have any questions or concerns, please contact me at (616) 764-3179.

Sincerely,



R. S. Hawn
Reactor Engineering Supervisor

CC: JMMilan, Palisades
GABaustian, Palisades
Senior Resident Inspector, Palisades
LBrandon, MI Dept. of Env. Qual, Div of Rad Health Services, Lansing, MI
BWJorgensen, Michigan Dept of Labor, Lansing, MI
RDWhale, Michigan Public Service Commission
Records Center, INPO, Atlanta, GA
SMMcIntyre, P26-204
Region III Administrator, USNRC
Pal. Eng. Records Center, 950*22*35*10/L
Cycle 15 Reports (SFP 00*07)

IE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255

UNIT Palisades

DATE 04/05/00

COMPLETED BY SFPierce

TELEPHONE (616)764-2239

MONTH March 2000

| DAY | AVERAGE DAILY POWER LEVEL (MWe Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe Net) |
|-----|--|-----|--|
| 1. | <u>412</u> | 17. | <u>788</u> |
| 2. | <u>678</u> | 18. | <u>786</u> |
| 3. | <u>775</u> | 19. | <u>786</u> |
| 4. | <u>786</u> | 20. | <u>783</u> |
| 5. | <u>785</u> | 21. | <u>783</u> |
| 6. | <u>783</u> | 22. | <u>784</u> |
| 7. | <u>777</u> | 23. | <u>782</u> |
| 8. | <u>774</u> | 24. | <u>779</u> |
| 9. | <u>781</u> | 25. | <u>793</u> |
| 10. | <u>787</u> | 26. | <u>793</u> |
| 11. | <u>715</u> | 27. | <u>792</u> |
| 12. | <u>420</u> | 28. | <u>792</u> |
| 13. | <u>422</u> | 29. | <u>791</u> |
| 14. | <u>543</u> | 30. | <u>795</u> |
| 15. | <u>780</u> | 31. | <u>794</u> |
| 16. | <u>781</u> | | |

INSTRUCTIONS:

On this format, list the average daily unit power level in MWe-NET for each day in the reporting month.

Compute to the nearest whole megawatt.

SUMMARY OF OPERATING EXPERIENCE FOR MARCH 2000

The Plant began the month of March at approximately 48.5% power continuing escalating in power following the end of the primary coolant pump and Control Rod Drive Mechanism seals replacement outage. The plant was at 99.9% power on March 3. Due to a problem with an "A" Main Feed Pump seal, power was reduced on March 11 to 60% power for seal repairs through March 14, when power was again increased to 99.9%. The plant ended the month at 99.9% power.

OPERATING DATA REPORT

DOCKET NO: 50-255
 DATE: 4-5-00
 COMPLETED BY: SFPierce
 TELEPHONE (616) 764-2239
 NOTES:

OPERATING STATUS:

- | | | |
|--|---------------|----|
| 1. UNIT NAME | Palisades | |
| 2. REPORTING PERIOD: | 000301-000331 | |
| 3. LICENSED THERMAL POWER (Mwt) | 2530 | |
| 4. NAMEPLATE RATING (GROSS Mwe) | 811.7 | |
| 5. DESIGN ELECTRICAL RATING (NET Mwe) | 805 | |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS Mwe) | 770 | ** |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET Mwe) | 730 | ** |
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEM NUMBERS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe):
10. REASONS FOR RESTRICTIONS, IF ANY:

| | This Month | Yr-to-Date | Cumulative |
|---|------------|------------|------------|
| 11. HOURS IN REPORTING PERIOD | 744.0 | 2184.0 | 247935.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 1619.1 | 151929.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | ----- | ----- | ----- |
| 14. HOURS GENERATOR ON-LINE | 744.0 | 1604.2 | 146601.3 |
| 15. UNIT RESERVE SHUTDOWN HOURS | ----- | ----- | ----- |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1777032 | 3594911 | 328560102 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 576164 | 1151543 | 104389065 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 547624 | 1091107 | 98681268 |
| 19. UNIT SERVICE FACTOR | 100.0% | 73.5% | 59.1% |
| 20. UNIT AVAILABILITY FACTOR | 100.0% | 73.5% | 59.1% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 100.8% | 68.4% | 57.7% * |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 91.4% | 62.1% | 49.4% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 26.5% | 25.4% |

24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

| | | |
|---|----------|----------|
| 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): | Forecast | Achieved |
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

** Based on condenser backpressure

* Weighted Average (635 MWe used as MDC Net prior to October 1985)

REPORT MONTH MARCH 2000

DOCKET NO 50-255

UNIT Palisades

DATE 04/05/00

COMPLETED BY SFPierce

TELEPHONE 616-764-2239

UNIT SHUTDOWNS AND POWER REDUCTIONS

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-----|-----------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|--|
| 1 | 3/1/2000 | S | 59 | F | 1 | | | | Chemistry control- Due to High Sodium Levels in Steam Generators |
| 2 | 3/11/2000 | F | 85.0 | A | 1 | | | | Feedpump P-1A seal failure |

- | | | | | |
|--------------|---|-------------------|---------------------------|-------------------------|
| 1. | 2. | 3. | 4. | 5. |
| F: Forced | Reason: | Method: | Exhibit G - Instructions, | Exhibit I - Same Source |
| S: Scheduled | A-Equipment Failure (Explain) | 1-Manual | for Preparation of Data | |
| | B-Maintenance or Test | 2-Manual Scram | Entry Sheets for Licensee | |
| | C-Refueling | 3-Automatic Scram | Event Report (LER) File | |
| | D-Regulatory Restriction | 4-Other (Explain) | (NUREG-0161) | |
| | E-Operator Training & License Examination | | | |
| | F-Administrative | | | |
| | G-Operational Error (Explain) | | | |
| | H-Other (Explain) | | | |