



A CMS Energy Company

Palisades Nuclear Plant
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March 14, 2001

U.S. Nuclear Regulatory Commission
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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 February, 2001.

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

Nathan L. Haskell
Director, Licensing and Performance Assessment

CC Administrator, Region III, USNRC
NRC Resident Inspector, Palisades
LBrandon, Michigan Department of Environmental Quality
BWJorgensen, Michigan Department of Labor
RDWhale, Michigan Public Service Commission
Records Center, INPO
GABaustian, Palisades
SMMcIntyre, P-26-204

Attachment

IE24

ATTACHMENT

**CONSUMERS ENERGY COMPANY
PALISADES PLANT
DOCKET 50-255**

March 14, 2001

**LICENSEE REPORT OF MONTHLY OPERATING DATA
February, 2001**

5 Pages

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255
UNIT Palisades
DATE 3/05/01
COMPLETED BY SFPierce
TELEPHONE (616)764-2239

MONTH February 2001

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

| | |
|-----|------------|
| 1. | <u>801</u> |
| 2. | <u>679</u> |
| 3. | <u>329</u> |
| 4. | <u>380</u> |
| 5. | <u>752</u> |
| 6. | <u>794</u> |
| 7. | <u>801</u> |
| 8. | <u>799</u> |
| 9. | <u>799</u> |
| 10. | <u>801</u> |
| 11. | <u>801</u> |
| 12. | <u>799</u> |
| 13. | <u>799</u> |
| 14. | <u>800</u> |
| 15. | <u>800</u> |
| 16. | <u>801</u> |

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

| | |
|-----|------------|
| 17. | <u>800</u> |
| 18. | <u>799</u> |
| 19. | <u>800</u> |
| 20. | <u>801</u> |
| 21. | <u>800</u> |
| 22. | <u>801</u> |
| 23. | <u>800</u> |
| 24. | <u>800</u> |
| 25. | <u>799</u> |
| 26. | <u>799</u> |
| 27. | <u>800</u> |
| 28. | <u>801</u> |
| 29. | <u>N/A</u> |
| 30. | <u>N/A</u> |
| 31. | <u>N/A</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 FEBRUARY 2001

The Plant began the month of February at approximately full power. Power operation continued at this level until February 2, when power was reduced for repairs to the condenser (tube leak). Repairs were completed by February 5, when full power was restored. The plant operated at full power for the remainder of the period.

OPERATING DATA REPORT

DOCKET NO: 50-255
 DATE: 3-5-01
 COMPLETED BY: SFPierce
 TELEPHONE (616) 764-2239
 NOTES:

OPERATING STATUS:

1. UNIT NAME Palisades
2. REPORTING PERIOD: 010201-010228
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 | 672.0 | 1416.0 | 255951.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 672.0 | 1416.0 | 159458.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | ---- | ---- | ---- |
| 14. HOURS GENERATOR ON-LINE | 672.0 | 1416.0 | 154086.5 |
| 15. UNIT RESERVE SHUTDOWN HOURS | ---- | ---- | ---- |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1633904 | 3508105 | 347084985 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 537846 | 1159657 | 110443017 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 512071 | 1105062 | 104443246 |
| 19. UNIT SERVICE FACTOR | 100.0% | 100.0% | 60.2% |
| 20. UNIT AVAILABILITY FACTOR | 100.0% | 100.0% | 60.2% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 104.4% | 106.9% | 59.0% |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 94.7% | 96.9% | 50.7% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | 24.6% |
| 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 _
February 2001

DOCKET NO 50-255
 UNIT Palisades
 DATE 3/5/01
 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 | 01/02/02 | S | 0 hrs | A | 4 | N/A | | | Condenser tube leak-power reduction to half power for repairs |

| | | | | |
|--------------|--|-------------------|---------------------------|-------------------------|
| 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) | | | |