



**Consumers
Power**

**POWERING
MICHIGAN'S PROGRESS**

Palisades Nuclear Plant: 27780 Blue Star Memorial Highway, Covert, MI 49043

November 3, 1994

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

LICENSEE REPORT OF MONTHLY OPERATING DATA
DPR-20, DOCKET NO 50-255

Enclosed is a copy of the Monthly Operating Data and Summary of Operating Experience for the Palisades Nuclear Plant for the month of October, 1994.

If you have any questions or concerns, please feel free to contact me at (616) 764-8913, extension 0113.

Sincerely,

A L Williams
Reactor Engineer

CC: RAFenech, Palisades
JMartin, USNRC
RAVincent, Palisades
Resident Inspector, Palisades
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Cycle 11 Reports

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PDR ADOCK 05000255
R PDR

OPERATING DATA REPORT

DOCKET NO 50-255
 DATE 11-02-94
 COMPLETED BY BWBerles
 TELEPHONE (616)764-8913

OPERATING STATUS:

NOTES:

- | | |
|--|---------------|
| 1. UNIT NAME | Palisades |
| 2. REPORTING PERIOD: | 941001-941031 |
| 3. LICENSED THERMAL POWER (MWt) | 2530.0 |
| 4. NAMEPLATE RATING (GROSS MWe) | 811.7 |
| 5. DESIGN ELECTRICAL RATING (NET MWe) | 805.0 |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe) | **770 |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe) | **730 |
| 8. IF CHANGES OCCUR IN CAPCITY 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 | 745.0 | 7296.0 | 200463.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 745.0 | 4408.0 | 112848.0 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | ---- | ---- | ---- |
| 14. HOURS GENERATOR ON-LINE | 745.0 | 4396.5 | 108198.1 |
| 15. UNIT RESERVE SHUTDOWN HOURS | ---- | ---- | ---- |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1869960.0 | 10946592.0 | 234609411.0 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 608660.0 | 3542840.0 | 74161343.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 579188.0 | 3368496.0 | 69951231.0 |
| 19. UNIT SERVICE FACTOR | 100.0% | 60.3% | 54.0% |
| 20. UNIT AVAILABILITY FACTOR | 100.0% | 60.3% | 54.0% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 106.5% | 63.2% | 51.8%* |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 96.6% | 57.4% | 43.3% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 39.7% | 30.1% |
| 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255
 UNIT Palisades
 DATE 11/03/94
 COMPLETED BY BWBerles
 TELEPHONE (616)764-8913

MONTH October

| DAY | AVERAGE DAILY POWER LEVEL (MWe Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe Net) |
|-----|--|-----|--|
| 1. | <u>774</u> | 17. | <u>773</u> |
| 2. | <u>780</u> | 18. | <u>771</u> |
| 3. | <u>779</u> | 19. | <u>773</u> |
| 4. | <u>783</u> | 20. | <u>779</u> |
| 5. | <u>775</u> | 21. | <u>780</u> |
| 6. | <u>774</u> | 22. | <u>780</u> |
| 7. | <u>772</u> | 23. | <u>778</u> |
| 8. | <u>769</u> | 24. | <u>782</u> |
| 9. | <u>775</u> | 25. | <u>783</u> |
| 10. | <u>780</u> | 26. | <u>782</u> |
| 11. | <u>777</u> | 27. | <u>782</u> |
| 12. | <u>778</u> | 28. | <u>781</u> |
| 13. | <u>776</u> | 29. | <u>778</u> |
| 14. | <u>775</u> | 30. | <u>782</u> |
| 15. | <u>777</u> | 31. | <u>782</u> |
| 16. | <u>772</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 SEPTEMBER 1994

The unit ran at 99% power while saturation of a demineralizer was completed. On October 19, saturation was completed and the unit brought back to full power.

REPORT MONTH OCTOBER 1994

DOCKET NO 50-255
UNIT Palisades
DATE 11/03/94
COMPLETED BY BWBerles
TELEPHONE (616)764-8913

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 |
|-----|------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
|-----|------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|

None

1.
F: Forced
S: Scheduled

2.
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License
Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3.
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

4.
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

5.
Exhibit I - Same Source