



**Consumers  
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MICHIGAN'S PROGRESS**

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

May 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 April, 1994.

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

Sincerely,

PJ Kluskowski  
Reactor Engineer

CC: RAFenech, Palisades  
JMartin, USNRC  
JLKuemin, Palisades  
Resident Inspector, Palisades  
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A CMS ENERGY COMPANY

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OPERATING DATA REPORT

DOCKET NO 50-255  
 DATE 05-02-94  
 COMPLETED BY MMVanWagner  
 TELEPHONE (616)764-8913

OPERATING STATUS:

NOTES:

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- |  |               |
|--|---------------|
| 1. UNIT NAME   | Palisades     |
| 2. REPORTING PERIOD:   | 940401-940430 |
| 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 CAPACITY RATINGS (ITEM NUMBERS 3 AND 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	719.0	2879.0	196046.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1150.1	109590.1
13. REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14. HOURS GENERATOR ON-LINE	0.0	1149.3	104950.9
15. UNIT RESERVE SHUTDOWN HOURS	----	----	----
16. GROSS THERMAL ENERGY GENERATED (MWH)	0.0	2848800.0	226511619.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0.0	937490.0	71555993.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0.0	892790.0	67475525.0
19. UNIT SERVICE FACTOR	0.0%	39.9%	53.5%
20. UNIT AVAILABILITY FACTOR	0.0%	39.9%	53.5%
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0%	42.5%	51.2%*
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0%	38.5%	42.8%
23. UNIT FORCED OUTAGE RATE	100.0%	60.1%	30.2%
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: May 13, 1994  
 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 05/03/94  
COMPLETED BY MMVanWagner  
TELEPHONE (616)764-8913

MONTH APRIL

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>0</u>	17.	<u>0</u>
2.	<u>0</u>	18.	<u>0</u>
3.	<u>0</u>	19.	<u>0</u>
4.	<u>0</u>	20.	<u>0</u>
5.	<u>0</u>	21.	<u>0</u>
6.	<u>0</u>	22.	<u>0</u>
7.	<u>0</u>	23.	<u>0</u>
8.	<u>0</u>	24.	<u>0</u>
9.	<u>0</u>	25.	<u>0</u>
10.	<u>0</u>	26.	<u>0</u>
11.	<u>0</u>	27.	<u>0</u>
12.	<u>0</u>	28.	<u>0</u>
13.	<u>0</u>		
14.	<u>0</u>		
15.	<u>0</u>		
16.	<u>0</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.

REPORT MONTH APRIL 1994

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 05/03/94  
 COMPLETED BY MMVanWagner  
 TELEPHONE (616)764-8913

UNIT SHUTDOWNS AND POWER REDUCTIONS

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
01	02/17/94	F	744	A	1	94-006	---	---	Safety Injection System Check Valve Leak Repair,
						94-005			RPS Cable Separation Inspections
						94-007			EDG Fuel Oil Supply - Licensing Basis
						94-008			Lack of separation/isolation between 1E Non 1E circuits

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

SUMMARY OF OPERATING EXPERIENCE FOR APRIL 1994

The plant remained off-line the entire month of April.