



Consumers  
Power

**POWERING  
MICHIGAN'S PROGRESS**

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

September 4, 1991

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 September, 1991. Also provided are copies of the Unit Shutdowns and Power Reduction sheets for the months of July and August.

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

Sincerely,

MG Mlynarek  
Reactor Engineer

CC: DPHoffman, P26-117B  
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SMH91\*027

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A CMS ENERGY COMPANY

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# OPERATING DATA REPORT

DOCKET NO 50-255  
DATE 09-30-91  
COMPLETED BY SMHandlovits  
TELEPHONE (616)764-8913

## OPERATING STATUS:

1. UNIT NAME Palisades
2. REPORTING PERIOD: 910901-910930
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 AND 7) SINCE LAST REPORT, GIVE REASONS:

NOTES:

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	720.0	6551.0	173414.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4752.1	94953.2
13. REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14. HOURS GENERATOR ON-LINE	720.0	4609.5	90827.1
15. UNIT RESERVE SHUTDOWN HOURS	----	----	----
16. GROSS THERMAL ENERGY GENERATED (MWH)	1818984.0	10793687.0	191546132.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	588710.0	3476500.0	60113035.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	560001.0	3290883.0	56589006.0
19. UNIT SERVICE FACTOR	100.0%	70.4%	52.4%
20. UNIT AVAILABILITY FACTOR	100.0%	70.4%	52.4%
21. UNIT CAPACITY FACTOR (USING MDC NET)	106.5%	68.8%	49.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	96.6%	62.4%	40.5%
23. UNIT FORCED OUTAGE RATE	0.0%	4.0%	31.8%
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)

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# AVERAGE DAILY UNIT POWER LEVEL

MONTH SEPTEMBER 1991

DOCKET NO 50-255  
UNIT Palisades  
DATE 10/04/91  
COMPLETED BY SMHandlovits  
TELEPHONE (616)764-8913

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>782</u>
2.	<u>781</u>
3.	<u>770</u>
4.	<u>776</u>
5.	<u>778</u>
6.	<u>776</u>
7.	<u>772</u>
8.	<u>769</u>
9.	<u>762</u>
10.	<u>762</u>
11.	<u>783</u>
12.	<u>776</u>
13.	<u>767</u>
14.	<u>769</u>
15.	<u>762</u>
16.	<u>768</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
17.	<u>779</u>
18.	<u>781</u>
19.	<u>790</u>
20.	<u>787</u>
21.	<u>786</u>
22.	<u>781</u>
23.	<u>783</u>
24.	<u>786</u>
25.	<u>785</u>
26.	<u>783</u>
27.	<u>787</u>
28.	<u>788</u>
29.	<u>787</u>
30.	<u>779</u>
31.	<u>770</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.