



A CMS Energy Company

Palisades Nuclear Plant  
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**Nathan L. Haskell**  
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April 12, 2001

U.S. 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, 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**

**April 12, 2001**

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

**5 Pages**

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255  
UNIT Palisades  
DATE 4/03/01  
COMPLETED BY SFPierce  
TELEPHONE (616)764-2239

MONTH March 2001

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

1.	<u>801</u>
2.	<u>801</u>
3.	<u>801</u>
4.	<u>801</u>
5.	<u>802</u>
6.	<u>797</u>
7.	<u>797</u>
8.	<u>798</u>
9.	<u>799</u>
10.	<u>802</u>
11.	<u>801</u>
12.	<u>800</u>
13.	<u>801</u>
14.	<u>800</u>
15.	<u>800</u>
16.	<u>800</u>

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

17.	<u>801</u>
18.	<u>800</u>
19.	<u>800</u>
20.	<u>800</u>
21.	<u>799</u>
22.	<u>800</u>
23.	<u>800</u>
24.	<u>801</u>
25.	<u>799</u>
26.	<u>800</u>
27.	<u>800</u>
28.	<u>798</u>
29.	<u>799</u>
30.	<u>642</u>
31.	<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.

#### SUMMARY OF OPERATING EXPERIENCE FOR MARCH 2001

The Plant began the month of March at approximately full power. Power operation continued at this level until March 30, when power was reduced and the plant taken off line for refueling at 2142 hrs. The plant remained shut down for the remainder of the period.

# OPERATING DATA REPORT

DOCKET NO: 50-255  
 DATE (Mo-Da-Yr): 4-03-01  
 COMPLETED BY: SFPierce  
 TELEPHONE (616) 764-2239  
 NOTES:

## OPERATING STATUS:

1. UNIT NAME Palisades
2. REPORTING PERIOD (YrMoDa-YrMoDa): 010301-010331
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	2160.0	256695.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	717.8	2133.8	160176.4
13. REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14. HOURS GENERATOR ON-LINE	717.7	2133.7	154804.2
15. UNIT RESERVE SHUTDOWN HOURS	----	----	----
16. GROSS THERMAL ENERGY GENERATED (MWH)	1814984	5323089	348899969
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	600325	1759982	111043342
18. NET ELECTRICAL ENERGY GENERATED (MWH)	572115	1677177	105015361
19. UNIT SERVICE FACTOR	96.5%	98.8%	60.3%
20. UNIT AVAILABILITY FACTOR	96.5%	98.8%	60.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	105.3%	106.4%	59.1%
22. UNIT CAPACITY FACTOR (USING DER NET)	95.5%	96.5%	50.8%
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 \_

March 2001

DOCKET NO 50-255

UNIT Palisades

DATE 4/3/01

COMPLETED BY SFPierce

TELEPHONE 616-764-2239

### UNIT SHUTDOWNS AND POWER REDUCTIONS

No.	Date (YrMoDa)	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
2	01/03/30	S	26.3 hrs	C	1	N/A			Routine refueling End of Cycle 15

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)			