



A CMS Energy Company

Palisades Nuclear Plant  
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**Nathan L. Haskell**  
Director, Licensing and  
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March 14, 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 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 <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
1	01/02/02	S	0 hrs	A	4	N/A			Condenser tube leak-power reduction to half power for repairs

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
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