

A CMS Energy Company

Palisades Nuclear Plant  
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**Nathan L. Haskell**  
Director, Licensing and  
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November 15, 2000

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 October, 2000.

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

JE24

**ATTACHMENT**

**CONSUMERS ENERGY COMPANY  
PALISADES PLANT  
DOCKET 50-255**

**November 15, 2000**

**LICENSEE REPORT OF MONTHLY OPERATING DATA  
OCTOBER, 2000**

**5 Pages**

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 11/03/00  
 COMPLETED BY SFPierce  
 TELEPHONE (616)764-2239

MONTH October 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>781</u>	17.	<u>793</u>
2.	<u>780</u>	18.	<u>790</u>
3.	<u>783</u>	19.	<u>787</u>
4.	<u>787</u>	20.	<u>786</u>
5.	<u>794</u>	21.	<u>788</u>
6.	<u>794</u>	22.	<u>789</u>
7.	<u>795</u>	23.	<u>787</u>
8.	<u>797</u>	24.	<u>785</u>
9.	<u>795</u>	25.	<u>785</u>
10.	<u>793</u>	26.	<u>782</u>
11.	<u>794</u>	27.	<u>673</u>
12.	<u>790</u>	28.	<u>302</u>
13.	<u>788</u>	29.	<u>442</u>
14.	<u>787</u>	30.	<u>764</u>
15.	<u>788</u>	31.	<u>782</u>
16.	<u>790</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 OCTOBER 2000

The Plant began the month of October at approximately 99% power. The plant was at 99% until 10/27/00 @1416 hrs when plant power was reduced to perform condenser repairs/tube plugging due to a condenser leak. The Plant was operated in the 48% to 51% power range through October 29 at 1152 hrs, when power escalation began. Power was returned to 99% by 1200 hrs on October 30. Power continued at the 99% power level or above for the remainder of the period.

OPERATING DATA REPORT

DOCKET NO: 50-255  
 DATE: 11-3-00  
 COMPLETED BY: SFPierce  
 TELEPHONE (616) 764-2239  
 NOTES:

OPERATING STATUS:

- 1. UNIT NAME Palisades
- 2. REPORTING PERIOD: 001001-001031
- 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	745.0	7320.0	253071.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6268.1	156578.6
13. REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14. HOURS GENERATOR ON-LINE	745.0	6209.4	151206.5
15. UNIT RESERVE SHUTDOWN HOURS	----	----	----
16. GROSS THERMAL ENERGY GENERATED (MWH)	1817920	14927810	339893001
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	592289	4823244	108060766
18. NET ELECTRICAL ENERGY GENERATED (MWH)	563292	4581947	102172108
19. UNIT SERVICE FACTOR	100.0%	84.8%	59.7%
20. UNIT AVAILABILITY FACTOR	100.0%	84.8%	59.7%
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.6%	85.7%	58.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	93.9%	77.8%	50.2%
23. UNIT FORCED OUTAGE RATE	0.0%	15.2%	25.0%
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 October 2000

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 11/3/00  
 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	10/27/00	F	69.7	A	4	N/A			Power reduction to repair condenser leak

- |              |  |                   |                           |                         |
|--------------|--|-------------------|---------------------------|-------------------------|
| 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<br>Examination |                   |                           |                         |
|              | F-Administrative                             |                   |                           |                         |
|              | G-Operational Error (Explain)                |                   |                           |                         |
|              | H-Other (Explain)                            |                   |                           |                         |