

A CMS Energy Company

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

September 6, 2000

US 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 August, 2000.

If you have any questions or concerns, please contact me at (616) 764-3179.

Sincerely,



R. S. Hawn  
Reactor Engineering Supervisor

CC: JMMilan, Palisades  
GABaustian, Palisades  
Senior Resident Inspector, Palisades  
LBrandon, MI Dept. of Env. Qual, Div of Rad Health Services, Lansing, MI  
BWJorgensen, Michigan Dept of Labor, Lansing, MI  
RDWhale, Michigan Public Service Commission  
Records Center, INPO, Atlanta, GA  
SMMcIntyre, P26-204  
Region III Administrator, USNRC  
Pal. Eng. Records Center, 950\*22\*35\*10/L  
Cycle 15 Reports (SFP 00\*20)

IE24

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO 50-255  
UNIT Palisades  
DATE 09/06/00  
COMPLETED BY SFPierce  
TELEPHONE (616)764-2239

MONTH August 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>774</u>	17.	<u>780</u>
2.	<u>769</u>	18.	<u>776</u>
3.	<u>780</u>	19.	<u>789</u>
4.	<u>782</u>	20.	<u>790</u>
5.	<u>766</u>	21.	<u>787</u>
6.	<u>685</u>	22.	<u>779</u>
7.	<u>685</u>	23.	<u>775</u>
8.	<u>681</u>	24.	<u>776</u>
9.	<u>748</u>	25.	<u>778</u>
10.	<u>767</u>	26.	<u>774</u>
11.	<u>769</u>	27.	<u>776</u>
12.	<u>774</u>	28.	<u>780</u>
13.	<u>772</u>	29.	<u>773</u>
14.	<u>769</u>	30.	<u>775</u>
15.	<u>762</u>	31.	<u>769</u>
16.	<u>773</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 AUGUST 2000**

The Plant began the month of August at approximately 99.9% power. The plant was at 99.9% until 8/5/00 @ 2018 hrs when power was reduced to the 92% range due to a problem with the heater drain tank level control. The Plant was returned to full power August 9 @ 0501 hrs. Power operation continued at the 99% power level for the remainder of the period.

**OPERATING DATA REPORT**

**DOCKET NO:** 50-255  
**DATE:** 9-6-00  
**COMPLETED BY:** SFPierce  
**TELEPHONE (616) 764-2239**  
**NOTES:**

**OPERATING STATUS:**

- |  |               |
|--|---------------|
| 1. UNIT NAME                               | Palisades     |
| 2. REPORTING PERIOD:                       | 000801-000831 |
| 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	5855.0	251606.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5058.8	155369.3
13. REACTOR RESERVE SHUTDOWN HOURS	_____	_____	_____
14. HOURS GENERATOR ON-LINE	744.0	5011.3	150008.4
15. UNIT RESERVE SHUTDOWN HOURS	_____	_____	_____
16. GROSS THERMAL ENERGY GENERATED (MWH)	1858312	12021007	336986198
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	598894	3875633	107113155
18. NET ELECTRICAL ENERGY GENERATED (MWH)	569519	3681098	101271259
19. UNIT SERVICE FACTOR	100.0%	85.6%	59.6%
20. UNIT AVAILABILITY FACTOR	100.0%	85.6%	59.6%
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.9%	86.1%	58.3% *
22. UNIT CAPACITY FACTOR (USING DER NET)	95.1%	78.1%	50.0%
23. UNIT FORCED OUTAGE RATE	0.0%	14.4%	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 August 2000

DOCKET NO 50-255

UNIT Palisades

DATE 09/6/00

COMPLETED BY SFPierce

TELEPHONE 616-784-2239

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	8/5/00	F	80.7	A	4 (derate)				Heater Drain tank level control problem

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