

August 3, 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 July, 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\*18)

IE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 08/03/00  
 COMPLETED BY SFPierce  
 TELEPHONE (616)764-2239

MONTH July 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1.	<u>543</u>	17.	<u>782</u>
2.	<u>0</u>	18.	<u>786</u>
3.	<u>0</u>	19.	<u>791</u>
4.	<u>0</u>	20.	<u>790</u>
5.	<u>0</u>	21.	<u>784</u>
6.	<u>0</u>	22.	<u>783</u>
7.	<u>0</u>	23.	<u>783</u>
8.	<u>0</u>	24.	<u>782</u>
9.	<u>107</u>	25.	<u>777</u>
10.	<u>661</u>	26.	<u>775</u>
11.	<u>761</u>	27.	<u>770</u>
12.	<u>766</u>	28.	<u>770</u>
13.	<u>763</u>	29.	<u>773</u>
14.	<u>763</u>	30.	<u>775</u>
15.	<u>776</u>	31.	<u>775</u>
16.	<u>785</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 JULY 2000

The Plant began the month of July at approximately 99.8% power. The plant was at 99.8% until 7/1/00 @ 1827hrs when the plant was removed from service due to a primary coolant system leak. The plant shutdown was extended by a Control Rod Drive Mechanism malfunction. The Plant was returned to service July 9 @ 0958hrs, with power escalation to 99.8% completed by 7/11/00. Power operation continued at 99.8% to 99.9% for the remainder of the period. The plant ended the month at 99.9% power.

OPERATING DATA REPORT

DOCKET NO: 50-255  
 DATE: 8-3-00  
 COMPLETED BY: SFPierce  
 TELEPHONE (616) 764-2239  
 NOTES:

OPERATING STATUS:

- 1. UNIT NAME Palisades
- 2. REPORTING PERIOD: 000701-000731
- 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	5111.0	250862.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	577.5	4315.6	154626.1
13. REACTOR RESERVE SHUTDOWN HOURS	-----	-----	-----
14. HOURS GENERATOR ON-LINE	560.5	4267.3	149264.4
15. UNIT RESERVE SHUTDOWN HOURS	-----	-----	-----
16. GROSS THERMAL ENERGY GENERATED (MWH)	1412630	10162695	335127886
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	444863	3276739	106514261
18. NET ELECTRICAL ENERGY GENERATED (MWH)	422845	3111579	100701740
19. UNIT SERVICE FACTOR	75.3%	83.5%	59.5%
20. UNIT AVAILABILITY FACTOR	75.3%	83.5%	59.5%
21. UNIT CAPACITY FACTOR (USING MDC NET)	77.9%	83.4%	58.2% *
22. UNIT CAPACITY FACTOR (USING DER NET)	70.6%	75.6%	49.9%
23. UNIT FORCED OUTAGE RATE	24.7%	16.5%	25.1%

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 July 2000

DOCKET NO 50-255

UNIT Palisades

DATE 08/3/00

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	7/1/00	F	149.1	A	1				Primary coolant leak
2	7/7/00	F	34.4	A	1				Control rod drive mech malfunction

- |  |   |   |   |                                       |
|--|---|---|---|---------------------------------------|
| <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<br/>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<br/>for Preparation of Data<br/>Entry Sheets for Licensee<br/>Event Report (LER) File<br/>(NUREG-0161)</p> | <p>5.<br/>Exhibit I - Same Source</p> |
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