

OPERATING DATA REPORT

DOCKET NO 50-255  
 DATE 12-04-87  
 COMPLETED BY GCPackard  
 TELEPHONE (616)764-8913

OPERATING STATUS

NOTES

1. Unit Name: Palisades
2. Reporting Period: 871101-871130
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 (Items Number 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	720.0	8,016.0	139,815.0
12. Number of Hours Reactor Was Critical	436.2	4,142.6	73,933.0
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	426.0	3,899.2	70,182.3
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	968,160	8,628,141	146,990,781
17. Gross Electrical Energy Generated (MWH)	312,500	2,735,600	45,849,530
18. Net Electrical Energy Generated (MWH)	295,470	2,574,198	43,156,802
19. Unit Service Factor	59.2	48.6	50.2
20. Unit Availability Factor	59.2	48.6	50.2
21. Unit Capacity Factor (Using MDC Net)	56.2	44.0	*48.0
22. Unit Capacity Factor (Using DER Net)	51.0	39.9	38.3
23. Unit Forced Outage Rate	0.0	44.2	35.6
24. Shutdowns Scheduled Over Next Six Months (Type, Date and Duration of Each): <u>Scheduled April 1, 1988 - 60 Days</u>			

25. If Shut Down at End of Report Period, Estimated Date of Start Up: \_\_\_\_\_
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)

OC0185-0001B-OP03

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8801130009 871130  
 PDR ADOCK 05000255  
 R DCD

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-255  
 UNIT NAME Palisades  
 DATE 12-04-87  
 COMPLETED BY GCPackard  
 TELEPHONE (616)-764-8913

REPORT MONTH NOVEMBER 1987

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
14	871001	S	294.0	B	1	--	--	--	--

- |  |   |   |   |                                       |
|--|---|---|---|---------------------------------------|
| <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<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> |
|--|---|---|---|---------------------------------------|

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255  
 UNIT Palisades  
 DATE 12-04-87  
 COMPLETED BY GCPackard  
 TELEPHONE (616)764-8913

MONTH November 1987

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>753</u>
2	<u>0</u>	18	<u>767</u>
3	<u>0</u>	19	<u>771</u>
4	<u>0</u>	20	<u>775</u>
5	<u>0</u>	21	<u>772</u>
6	<u>0</u>	22	<u>772</u>
7	<u>0</u>	23	<u>769</u>
8	<u>0</u>	24	<u>781</u>
9	<u>0</u>	25	<u>780</u>
10	<u>0</u>	26	<u>783</u>
11	<u>0</u>	27	<u>783</u>
12	<u>0</u>	28	<u>779</u>
13	<u>129</u>	29	<u>780</u>
14	<u>320</u>	30	<u>779</u>
15	<u>423</u>		
16	<u>644</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 NOVEMBER 1987

The plant returned to critical at 1948 hours on November 12, 1987 and placed on line at 0558 hours on November 13, 1987 completing a 43 day maintenance outage. The plant escalated to approximately 99 percent power and on November 22, 1987 reduced power to 80 percent to adjust the #4 governor valve limiter switch. The plant then escalated back up to approximately 100 percent power and remained at this power level through the end of the reporting period.



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MICHIGAN'S PROGRESS**

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

December 4, 1987

US Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

LICENSE REPORT OF MONTHLY OPERATING DATA  
DPR-20, DOCKET NO 50-255

Enclosed is a copy of the Monthly Operating Data and a Summary of Operating Experience for the Palisades Nuclear Plant for the month of November 1987

*Dewey Van Den Berg*

Dewey VanDenBerg  
Reactor Engineer

CC: KMHaas, Palisades  
GHGoralski, Palisades  
ABDavis, USNRC  
KWBerry, P24-614B  
CSKozup, Palisades  
Resident Inspector, Palisades  
DLHackett, P11-420B  
MALapinski, P21-332  
GWBruckmann, Div of Radiological Health Services, Lansing, Michigan  
SLHall, Michigan Dept of Labor  
RCallen, Michigan Public Service Commission  
Records Center, INPO, Atlanta, GA  
RWTaylor, CE, Palisades  
AAAlatalo, Palisades  
LLBumb, P21-324  
GBSzczojka, P-21-311B  
HRSnider, P-21-326  
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Document Control, 950\*22\*35\*10/L  
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