

# OPERATING DATA REPORT

DOCKET NO 50-255  
DATE 01-06-88  
COMPLETED BY GCPackard  
TELEPHONE (616)764-8913

## OPERATING STATUS

## NOTES

1. Unit Name: Palisades
2. Reporting Period: 871201-871231
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	744.0	8,760.0	140,559.0
12. Number of Hours Reactor Was Critical	84.0	4,226.6	74,017.0
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	83.9	3,933.1	70,266.2
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	197,136	8,825,277	147,187,917
17. Gross Electrical Energy Generated (MWH)	63,990	2,799,590	45,913,520
18. Net Electrical Energy Generated (MWH)	60,232	2,634,430	43,217,034
19. Unit Service Factor	11.3	45.5	50.0
20. Unit Availability Factor	11.3	45.5	50.0
21. Unit Capacity Factor (Using MDC Net)	11.1	41.2	*47.8
22. Unit Capacity Factor (Using DER Net)	10.1	37.4	38.2
23. Unit Forced Outage Rate	88.7	48.5	35.9
24. Shutdowns Scheduled Over Next Six Months (Type, Date and Duration of Each):			

25. If Shut Down at End of Report Period, Estimated Date of Start Up: January 31, 1988
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

8801190066 871231  
PDR ADOCK 05000255  
R DCB

*182*

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255  
UNIT Palisades  
DATE 01-06-88  
COMPLETED BY GCPackard  
TELEPHONE (616)764-8913

MONTH December 1987

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>780</u>
2	<u>781</u>
3	<u>780</u>
4	<u>169</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-255

UNIT NAME Palisades

DATE 01-06-88

COMPLETED BY GCPackard

TELEPHONE (616)-764-8913

REPORT MONTH DECEMBER 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
15	871204	F	660.1	A	1	--	--	--	Tube leak in "B" Steam Generator

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)

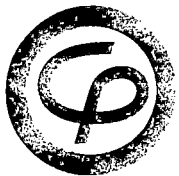
3.  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

4.  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File  
(NUREG-0161)

5.  
Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE FOR DECEMBER 1987

The plant was operating at approximately 100 percent power when it was shut down at 1159 hours on December 4, 1987 as a result of a primary-to-secondary leak in the B Steam Generator. The plant remained shut down for repairs and maintenance through the end of the reporting period.



Consumers  
Power

**POWERING  
MICHIGAN'S PROGRESS**

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

January 6, 1988

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 December 1987

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  
GBSzczołka, P-21-311B  
HRSnider, P-21-326  
Administrator, USNRC  
Document Control, 950\*22\*35\*10/L  
GCP88-001

OC0185-0001A-OP03

A CMS ENERGY COMPANY

IE24  
11