



A CMS Energy Company

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

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)

1.	<u>543</u>
2.	<u>0</u>
3.	<u>0</u>
4.	<u>0</u>
5.	<u>0</u>
6.	<u>0</u>
7.	<u>0</u>
8.	<u>0</u>
9.	<u>107</u>
10.	<u>661</u>
11.	<u>761</u>
12.	<u>766</u>
13.	<u>763</u>
14.	<u>763</u>
15.	<u>776</u>
16.	<u>785</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe Net)

17.	<u>782</u>
18.	<u>786</u>
19.	<u>791</u>
20.	<u>790</u>
21.	<u>784</u>
22.	<u>783</u>
23.	<u>783</u>
24.	<u>782</u>
25.	<u>777</u>
26.	<u>775</u>
27.	<u>770</u>
28.	<u>770</u>
29.	<u>773</u>
30.	<u>775</u>
31.	<u>775</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 ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	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

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 Examination			
	F-Administrative			
	G-Operational Error (Explain)			
	H-Other (Explain)			