



**Consumers
Power
Company**

Palisades Nuclear Plant: Route 2, Box 154, Covert, Michigan 49043

REGULATORY DOCKET FILE COPY

September 1, 1978

U.S. Nuclear Regulatory Commission
Mail and Records Section
Washington, D.C., 20555

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

Gentlemen:

Enclosed is a copy of the Monthly Operating Data, and a Summary of Operating Experience for the Palisades Nuclear Plant for the month of August 1978.

WEAdams,
General Engineer

cc: JGKeppler, USNRC
RBDeWitt
DABixel
GHPetitjean
CVWaits
DEVanFarowe, Div. of Radiological Health
Lansing, Mich.
AKozlowski, Mich. Dept. of Labor
RCallen, Mich. Public Serv. Comm., Lansing, MI.
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A0006
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-255
UNIT Palisades
DATE 9-1-78
COMPLETED BY DIBollnow
TELEPHONE 616-764-8913

MONTH AUGUST 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-
2	-
3	-
4	-
5	-
6	17
7	428
8	71
9	544
10	616
11	603
12	610
13	578
14	572
15	532
16	543

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	552
18	545
19	548
20	631
21	633
22	632
23	608
24	588
25	585
26	579
27	578
28	232
29	-
30	-
31	-

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.

OPERATING DATA REPORT

DOCKET NO. 50-255
 DATE 9-1-78
 COMPLETED BY DIBollnow
 TELEPHONE 616-764-8913

OPERATING STATUS

1. Unit Name: Palisades
2. Reporting Period: 780801 to 780831
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): * 675
7. Maximum Dependable Capacity (Net MWe): * 635
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

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	<u>744</u>	<u>5831</u>	<u>58,742</u>
12. Number Of Hours Reactor Was Critical	<u>516.1</u>	<u>2,853.6</u>	<u>32,253.0</u>
13. Reactor Reserve Shutdown Hours			
14. Hours Generator On-Line	<u>496.1</u>	<u>2,524.9</u>	<u>30,357.1</u>
15. Unit Reserve Shutdown Hours			
16. Gross Thermal Energy Generated (MWH)	<u>1,049,064</u>	<u>5,182,032</u>	<u>55,203,696</u>
17. Gross Electrical Energy Generated (MWH)	<u>298,650</u>	<u>1,523,270</u>	<u>17,109,880</u>
18. Net Electrical Energy Generated (MWH)	<u>277,856</u>	<u>1,418,444</u>	<u>16,031,811</u>
19. Unit Service Factor	<u>66.7</u>	<u>43.3</u>	<u>51.7</u>
20. Unit Availability Factor	<u>66.7</u>	<u>43.3</u>	<u>51.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>58.8</u>	<u>38.3</u>	<u>43.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>46.4</u>	<u>30.2</u>	<u>33.9</u>
23. Unit Forced Outage Rate	<u>18.2</u>	<u>16.6</u>	<u>39.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down 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 Limitations

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1978

DOCKET NO. 50-255
 UNIT NAME Palisades
 DATE 9-6-78
 COMPLETED BY DI Bollnow
 TELEPHONE 616-764-8913

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
17	780731	S	137.6	B	3	N/A	-	-	Repairs to CRDM Seals
18	780807	F	20.0	A	3	N/A	-	-	Feedwater Pump Trip
19	780828	F	90.3	B	1	N/A	-	-	Repairs to CRDM Seals

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

CONSUMERS POWER COMPANY
PALISADES NUCLEAR PLANT
DOCKET 50-255

SUMMARY OF OPERATING EXPERIENCE FOR AUGUST 1978

GENERAL

Except for the outages discussed below, the Plant operated in the range of 80% to 90% of full power during the month. At the beginning of the month, the Plant was shutdown in continuation of an outage which had begun on July 31st. As of August 1st, this outage had been in progress for 2.3 hours.

SPECIFIC ITEMS OF INTEREST

- 8-6-78 The Plant was returned to operation, ending a 137.6 hour outage. During the outage, repairs were made to six CRDM seals and oil was added to the 'A' Primary Coolant Pump. During this outage, testing and repair of the Containment Building purge valve T-ring air supplies was commenced. This testing and maintenance effort on the seven valves (CV-1803, 1805, 1806, 1807, 1808, 1813 and 1814) continued throughout the month.
- 8-7-78 A Plant trip caused by low Steam Generator water level occurred subsequent to the loss of the 'B' Feedwater Pump. The outage lasted for 20.0 hours. During this outage, insulation of boric acid piping was completed, and a ruptured disc on the No. 1 low pressure turbine was replaced.
- 8-28-78 The Plant was shutdown to permit repairs to CRDM seals and to replace the seal on 'B' Primary Coolant Pump. As of the end of the month, this outage had been in progress for 90.3 hours.