50-255

Consumers Power Company

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

July 11, 1978

USNuclear 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 June 1978.

Note a correction in the Hours Critical. This is due to an error on the April 1978 return. Corrected figures reflect an additional 3 hours critical for April.

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, Mich.
Document Control - (2) 950-22.35.10

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OPERATING DATA REPORT

DOCKET NO. 50-255
DATE 7-7-78
COMPLETED BY DIBollnow
TELEPHONE 616-764-8913

OPERATING STATUS

1. Unit Name: Palisades
2. Reporting Period: 780601 to 780630
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	720.0	4,344	57,254
12. Number Of Hours Reactor Was Critical	614.1	1,680.2**	31,079.6**
13. Reactor Reserve Shutdown Hours			
14. Hours Generator On-Line	591.8	1,386.8	29,219.0
15. Unit Reserve Shutdown Hours			
16. Gross Thermal Energy Generated (MWH)	1,245,312	2,844,624	52,866,288
17. Gross Electrical Energy Generated (MWH)	362,820	842,880	16,429,490
18. Net Electrical Energy Generated (MWH)	337,858	784,576	15,397,943
19. Unit Service Factor	82.2%	31.9%	51.0%
20. Unit Availability Factor	82.2%	31.9%	51.0%
21. Unit Capacity Factor (Using MDC Net)	73.9%	28.4%	42.4%
22. Unit Capacity Factor (Using DER Net)	58.3%	22.4%	33.4%
23. Unit Forced Outage Rate	6.9%	21.2%	39.8%

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: 7-4-78

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

* - Based on Condenser Backpressure Limitations
** - Reflects correction for Month of April - (Additional 3.0 hours critical)

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-255
UNIT Palisades
DATE 7-7-78
COMPLETED BY DIBollnow
TELEPHONE 764-8913 (Area 616)

MONTH June 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	623	17	588
2	640	18	205
3	644	19	599
4	646	20	599
5	645	21	605
6	89	22	615
7	0	23	609
8	304	24	602
9	650	25	592
10	630	26	572
11	544	27	560
12	191	28	529
13	309	29	-
14	348	30	-
15	536	31	-
16	606		

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1978

DOCKET NO. 50-255
UNIT NAME Palisades
DATE 7-7-78
COMPLETED BY DIBollnow
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
8	780606	S	35.8	B	1	78-019/0IT-0	RB	CRDRVE	Inoperable Control Rod Drive. The drive assembly was replaced.
9	780607	F	5.0	A	3	N/A			Low Steam Generator Water Level
10	780608	F	5.8	A	3	N/A			Low Steam Generator Water Level
11	780611	F	13.0	A	3	N/A			MSIV closure, turbine tripped manually
12	780613	F	8.2	A	3	N/A			Low Steam generator Water Level
13	780618	F	11.9	H	3	N/A			Lightening Strike
14	780628	S	48.5	A	1	N/A			Excessive leakage from CRDM seals

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

(9/77)

CONSUMERS POWER COMPANY
PALISADES NUCLEAR PLANT
DOCKET 50-255

SUMMARY OF OPERATING EXPERIENCE FOR THE PERIOD JUNE 1 THROUGH JUNE 30, 1978

General

Except for the outages discussed below, the plant operated in the range of 80% to 90% of full power during the month.

The derate was due primarily to turbine backpressure considerations, although fuel power peaking prevented power levels above 95%, and MSIV closure problems resulted in a self-imposed limit of approximately 90%. (MSIV closure problems are discussed in the May Operating Summary.)

Specific Items of Interest

6-6-78 As a result of an inoperable Control Rod Drive discovered during testing, the plant was shutdown. The drive package was replaced, and the plant was put back on line after a 35.8 hour outage. Refer to LER 78-019.

6-7-78 Feedwater pump problems resulted in a low steam generator water level which caused a reactor trip. The plant was off-line for 5 hours.

6-8-78 The reactor tripped on low steam generator water level which again was caused by Feedwater pump problems. The plant was off-line for 5.8 hours.

6-11-78 Closure of the main steam isolation valves resulted in a manual trip of the turbine which in turn caused a reactor trip. The MSIV closure was caused by low pressure in the air supply to the valve operator. This closure appears to be unrelated to the closures reported during the month of May. This outage lasted 13 hours.

6-13-78 Feedwater pump problems resulted in low steam generator water level which caused a reactor trip. The plant was off-line for 8.2 hours.

6-18-78 An electrical storm caused opening of the output breakers, which in turn resulted in a reactor trip. The outage lasted 11.9 hours.

6-28-78 Because of excessive leakage from CRDM seals, the reactor was manually shutdown and brought to a cold shutdown condition. During this outage, six CRDM seals were replaced; and CRDM #8, which previously had been stuck, was returned to an operable condition. The fault in CRDM #8 was determined to be mechanical binding in the drive mechanism. This outage lasted for 48.5 hours.