

REGULATORY DOCKET FILE COPY



Consumers
Power
Company

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

November 1, 1977



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 for the Palisades Nuclear Plant for the month of October 1977.

William E. Adams
General Engineer

cc: JGKeppler, NRC
RBDeWitt
DABixel
CVWaits
DEVanFarowe, Div. of Radiological Health
Lansing, Mich.
AKozlowski, Mich. Dept. of Labor
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RCallen, Mich. Pub. Serv. Comm., Lansing, Mi.

OPERATING DATA REPORT

DOCKET NO. 50-255
 DATE 11-1-77
 COMPLETED BY DIBollnow
 TELEPHONE 616-764-8913

OPERATING STATUS

1. Unit Name: Palisades
2. Reporting Period: 10-1-77 to 10-31-77
3. Licensed Thermal Power (MWt): 2200
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	745	7,296	51,447
12. Number Of Hours Reactor Was Critical	745	6,744.9	28,015.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	745	6,648.7	26,472.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,630,296	14,177,304	46,860,288
17. Gross Electrical Energy Generated (MWH)	512,740	4,432,730	14,617,930
18. Net Electrical Energy Generated (MWH)	483,279	4,170,418	13,699,097
19. Unit Service Factor	100%	91.1%	51.5%
20. Unit Availability Factor	100%	91.1%	51.5%
21. Unit Capacity Factor (Using MDC Net)	102.2%	90.0%	41.9%
22. Unit Capacity Factor (Using DER Net)	80.6%	71.0%	33.1%
23. Unit Forced Outage Rate	0%	5.4%	41.6%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling/S.G. Surveillance Outage - January 1977 - 12 Weeks

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

APPENDIX D
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-255

UNIT NAME Palisades

DATE 11-1-77

COMPLETED BY DIBollnow

TELEPHONE 616-764-8913

REPORT MONTH October 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
NONE						<p>(1) REASON A: EQUIPMENT FAILURE (EXPLAIN) B: MAINT. OR TEST C: REFUELING D: REGULATORY RESTRICTION E: OPERATOR TRAINING AND LICENSE EXAMINATION F: ADMINISTRATIVE G: OPERATIONAL ERROR (EXPLAIN) H: OTHER (EXPLAIN)</p> <p>(2) METHOD 1: MANUAL 2: MANUAL SCRAM. 3: AUTOMATIC SCRAM 4: OTHER (EXPLAIN)</p>

SUMMARY: The Plant operated at a nominal 100% power level for the first 15 days of the month. For the remainder of the month the Plant operated at approximately 99% power level due to a Feedwater heater being out of service.

APPENDIX B AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-255
UNIT Palisades
DATE 11-1-77
COMPLETED BY DIBollnow
TELEPHONE 616-764-8913

MONTH October 1977

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

1	656
2	659'
3	661
4	661
5	658
6	661
7	660
8	657
9	663
10	659
11	662
12	663
13	670
14	664
15	631
16	630

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

17	639
18	634
19	645
20	645
21	636
22	642
23	645
24	637
25	632
26	638
27	637
28	641
29	644
30	640
31	637

INSTRUCTIONS

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 NOV 7 PM 1 49