

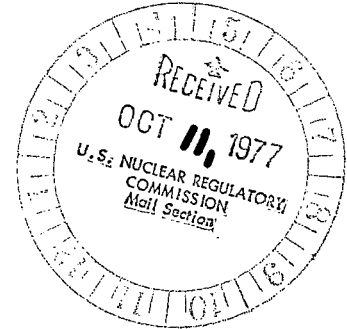
REGULATORY DOCKET FILE COPY



**Consumers
Power
Company**

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

October 4, 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 September 1977.

William E. Adams
General Engineer

cc: JGKeppler, NRC
RBDeWitt
DABixel
CVWaits
DEVanFarowe, Div. of Radiological Health
Lansing, Mich.
AKozlowski, Mich. Dept. of Labor
Document Control 950-22.35.10

APPENDIX C OPERATING DATA REPORT

DOCKET NO. 50-255
UNIT PALISADES
DATE October 4, 1977
COMPLETED BY DIBollnow
TELEPHONE 616-764-8913

OPERATING STATUS

1. REPORTING PERIOD: Sept. 1977 GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 2200 MAX. DEPEND. CAPACITY (MWe-Net): 635
DESIGN ELECTRICAL RATING (MWe-Net): 805

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): _____

4. REASONS FOR RESTRICTION (IF ANY): _____

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	664.7	5,999.9	27,270.8
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	656.4	5,903.7	25,727.9
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,431,480	12,547,008	45,229,992
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	443,410	3,919,990	14,105,190
11. NET ELECTRICAL ENERGY GENERATED (MWH)	417,429	3,687,139	13,215,818
12. REACTOR SERVICE FACTOR	92.3%	91.6%	54.1%
13. REACTOR AVAILABILITY FACTOR	92.3%	91.6%	54.1%
14. UNIT SERVICE FACTOR	91.2%	90.1%	51.0%
15. UNIT AVAILABILITY FACTOR	91.2%	90.1%	51.0%
16. UNIT CAPACITY FACTOR (Using MDC)	91.3%	88.6%	42.0%
17. UNIT CAPACITY FACTOR (Using Design MWe)	72.0%	69.9%	32.6%
18. UNIT FORCED OUTAGE RATE	8.8%	6.1%	42.3%

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

Refueling/Steam Generator Surveillance - 1/78 - 12 Weeks

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

21. 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 Oct. 4, 1977

COMPLETED BY DIBollnow

TELEPHONE 616-764-8913

REPORT MONTH September 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
11	092477	F	63.6	H	3	<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>Loss of Offsite Power due to Lightning which caused the Cooling Tower Pumps to trip.</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 with the exception of the above mentioned outage.

APPENDIX B **AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-255

UNIT Palisades

DATE October 4, 1977

COMPLETED BY DIBollnow

TELEPHONE 616-764-8913

MONTH September 1977

DAY AVERAGE DAILY POWER LEVEL **(MWe-Net)**

1	636
2	643
3	653
4	644
5	645
6	655
7	648
8	572
9	648
10	651
11	655
12	655
13	650
14	654
15	656
16	650

DAY AVERAGE DAILY POWER LEVEL **(MWe-Net)**

17	643
18	642
19	643
20	651
21	657
22	652
23	651
24	177
25	0
26	0
27	467
28	648
29	600
30	648
31	0

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.