

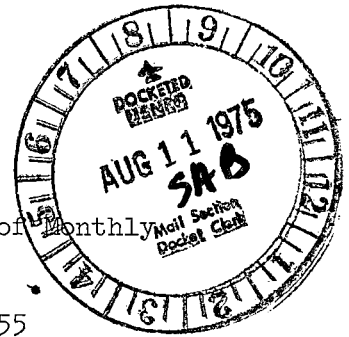
**Consumers  
Power  
Company**

Palisades Nuclear Plant: Route 1, Box 178, Covert, Michigan 49043

August 7, 1975

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

Re: License Reports of Monthly  
Operating Data  
DPR-20  
Docket No: 50-255



Gentlemen:

Enclosed is a copy of the monthly operating data for the Palisades Plant  
for the month of July, 1975

Sincerely,

*James A. Meincke*

James A. Meincke  
General Engineer

CC J. G. Kepler, NRC  
R. L. ~~Hauter~~  
R. B. Sewell

# APPENDIX D

UNIT Palisades  
DATE August 4, 1975  
616-764-8913  
COMPLETED BY J. Meincke  
DOCKET NO. 50-255

## OPERATING STATUS

1. REPORTING PERIOD: 750701 THROUGH 750731  
HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 684
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): 630
4. REASONS FOR RESTRICTION (IF ANY): Power restricted to 2100 MWT due to reduced Prim. Coolant Flow as a result of steam generator tube plugging.

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL . . . . .	<u>704</u>	<u>2,680.5</u>	<u>12,917.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS . . . . .	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE . . . . .	<u>697.7</u>	<u>2,585.0</u>	<u>11,906.1</u>
8. UNIT RESERVE SHUTDOWN HOURS . . . . .	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) . . . . .	<u>1,116,216</u>	<u>4,292,088</u>	<u>18,405,648</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>318,620</u>	<u>1,271,460</u>	<u>5,775,710</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>291,830</u>	<u>1,173,807</u>	<u>5,427,512</u>
12. REACTOR AVAILABILITY FACTOR (1) . . . . .	<u>94.6%</u>	<u>52.7%</u>	<u>41.1%</u>
13. UNIT AVAILABILITY FACTOR (2) . . . . .	<u>93.8%</u>	<u>50.8%</u>	<u>37.9%</u>
14. UNIT CAPACITY FACTOR (3) . . . . .	<u>57.3%</u>	<u>33.7%</u>	<u>28.9%</u>
15. UNIT FORCED OUTAGE RATE (4) . . . . .	<u>6.2%</u>	<u>49.2%</u>	<u>59.4%</u>

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_

18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICAL POWER GENERATION	_____	_____
COMMERCIAL OPERATION	_____	_____

- (1) REACTOR AVAILABILITY FACTOR =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{HOURS IN REPORTING PERIOD}} \times 100$
- (2) UNIT AVAILABILITY FACTOR =  $\frac{\text{HOURS GENERATOR ON LINE}}{\text{HOURS IN REPORTING PERIOD}} \times 100$
- (3) UNIT CAPACITY FACTOR =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET) X HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE + FORCED OUTAGE HOURS}} \times 100$

APPENDIX E  
UNIT SHUTDOWNS

DOCKET NO. 50-255

UNIT NAME Palisades

DATE Aug 4, 1975

COMPLETED BY J. A. Meincke

REPORT MONTH July 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
5	750727	F	46.3	A	1	Shutdown to repair control rod drive motors
<div> <div>(1) REASON</div> <div> 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) </div> </div> <div> <div>(2) METHOD</div> <div> 1-MANUAL  2-MANUAL  SCRAM  3-AUTOMATIC  SCRAM </div> </div>						

**SUMMARY:** The unit operated for the entire month at 80% power except for an outage caused by two inoperable control rod drives

1.16E-1

## APPENDIX C

DOCKET NO. 50-255UNIT PalisadesDATE Aug. 4, 1975COMPLETED BY J. A. Meincke

## AVERAGE DAILY UNIT POWER LEVEL

MONTH July 1975DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

1	50
2	97
3	184
4	261
5	332
6	399
7	426
8	482
9	498
10	495
11	504
12	507
13	509
14	506
15	503
16	497

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

17	495
18	496
19	476
20	496
21	498
22	496
23	494
24	495
25	499
26	492
27	310
28	0
29	7
30	162
31	481

## DAILY UNIT POWER LEVEL FORM 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 by using maximum dependable capacity 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.