

Regulatory

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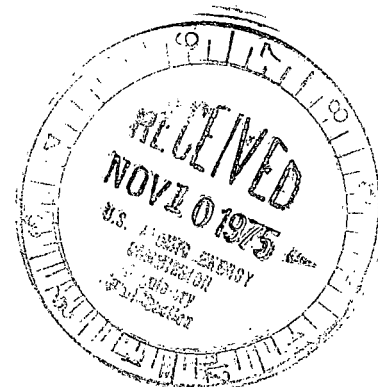
Consumers  
Power  
Company

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

November 6, 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



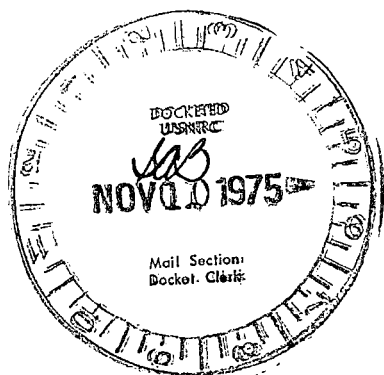
Gentlemen:

Enclosed is a copy of the Monthly Operating Data for the Palisades Plant for the month of October 1975.

*Kenneth D. Brienzo*

Kenneth D. Brienzo  
Associate Engineer

cc: JGKeppler, NRC  
RBDeWitt  
RBSewell



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APPENDIX E  
UNIT SHUTDOWNS

DOCKET NO. 50-255  
UNIT NAME Palisades  
DATE 11-6-75  
COMPLETED BY KDBrienzo

REPORT MONTH October 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
9	751028	S	70.7	A	1	Generator Taken off-line to do repair work on main electrical generator hydrogen coolers.
<div> <div> (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) </div> <div> (2) METHOD 1-MANUAL 2-MANUAL SCRAM 3-AUTOMATIC SCRAM </div> </div>						

SUMMARY:

The unit operated for the month of October at 70% to 80% except for the outage noted for repair of the main electrical generator hydrogen coolers.

1.16-E-1

## APPENDIX C

DOCKET NO. 50-255UNIT PalisadesDATE 11-3-75COMPLETED BY KDBrienzo

## AVERAGE DAILY UNIT POWER LEVEL

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

1	514
2	519
3	518
4	516
5	516
6	511
7	505
8	502
9	503
10	509
11	507
12	506
13	499
14	473
15	472
16	445

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

17	448
18	446
19	448
20	445
21	445
22	442
23	441
24	436
25	446
26	444
27	445
28	380
29	0
30	0
31	0

## 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.

# APPENDIX D

UNIT Palisades  
 DATE 11-6-75  
616-764-8913  
 COMPLETED BY KOBrienzo  
 DOCKET NO. 50-255

## OPERATING STATUS

1. REPORTING PERIOD: 751001 THROUGH 751031  
 HOURS IN REPORTING PERIOD: 720
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):

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>745</u>	<u>4,666.5</u>	<u>14,903.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>674.3</u>	<u>4,469.1</u>	<u>13,790.12</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,135,152</u>	<u>7,154,472</u>	<u>21,268,032</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>345,330</u>	<u>2,119,330</u>	<u>6,623,580</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>319,192</u>	<u>1,948,227</u>	<u>6,201,932</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>100%</u>	<u>64%</u>	<u>44.4%</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>90.5%</u>	<u>61.3%</u>	<u>41.0%</u>
14. UNIT CAPACITY FACTOR (3)	<u>62.6%</u>	<u>39.0%</u>	<u>30.6%</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>0</u>	<u>38.0%</u>	<u>56.1%</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>December 14, 1975 through March 22, 1976 for refueling</u>			
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 =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE + FORCED OUTAGE HOURS}} \times 100$