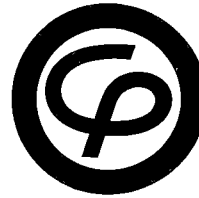


Regulatory

File Cy.



**Consumers  
Power  
Company**

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

October 6, 1976

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

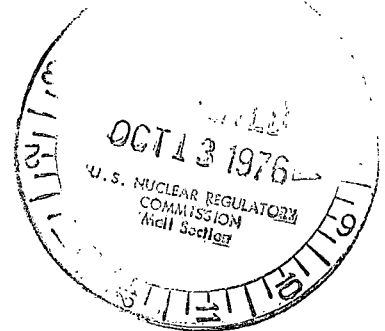
Re: LICENSE REPORTS OF MONTHLY OPERATING DATA  
DPR-20, Docket No. 50-255

Gentlemen:

Enclosed is a copy of the Monthly Operating Data for the Palisades Nuclear Plant for the Month of September 1976.

William E. Adams  
General Engineer

cc: JGKeppler, NRC  
RBDeWitt  
RBSewell  
DEVanFarowe, Div. of Radiological Health,  
Lansing, Mich.



10302

# APPENDIX D

UNIT Palisades  
 DATE Oct. 4, 1976  
~~616-764=8913~~  
 COMPLETED BY DIBollnow  
 DOCKET NO. 50-255

## OPERATING STATUS

1. REPORTING PERIOD: 760901 THROUGH 760930  
 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): \_\_\_\_\_
4. REASONS FOR RESTRICTION (IF ANY): \_\_\_\_\_

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL . . . . .	<u>720</u>	<u>3,295.6</u>	<u>19,382.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS . . . . .			
7. HOURS GENERATOR ON LINE . . . . .	<u>695.4</u>	<u>3,024.0</u>	<u>17,997.8</u>
8. UNIT RESERVE SHUTDOWN HOURS . . . . .			
9. GROSS THERMAL ENERGY GENERATED (MWH) . . . . .	<u>1,449,288</u>	<u>5,842,728</u>	<u>28,862,688</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>451,960</u>	<u>1,817,450</u>	<u>8,964,100</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>424,225</u>	<u>1,697,000</u>	<u>8,378,646</u>
12. REACTOR AVAILABILITY FACTOR (1) . . . . .	<u>100%</u>	<u>50.1%</u>	<u>46.5%</u>
13. UNIT AVAILABILITY FACTOR (2) . . . . .	<u>96.6%</u>	<u>46.0%</u>	<u>43.2%</u>
14. UNIT CAPACITY FACTOR (3) . . . . .	<u>86.1%</u>	<u>37.7%</u>	<u>32.5%</u>
15. UNIT FORCED OUTAGE RATE (4) . . . . .	<u>3.4%</u>	<u>12.2%</u>	<u>50.1%</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 =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET)} \times \text{HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

DOCKET NO. 50-255UNIT PalisadesDATE October 4, 1976COMPLETED BY DIBollnow

## AVERAGE DAILY UNIT POWER LEVEL

MONTH September 1976DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

1	562
2	657
3	649
4	649
5	650
6	657
7	653
8	649
9	650
10	660
11	654
12	545
13	367
14	642
15	649
16	652

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

17	641
18	649
19	458
20	205
21	647
22	660
23	661
24	661
25	668
26	661
27	658
28	167
29	334
30	659
31	

## 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 E  
UNIT SHUTDOWNS

DOCKET NO. 50-255

UNIT NAME Palisades

DATE Oct. 4, 1976

COMPLETED BY DIBollnow

REPORT MONTH September 1976

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
11	760919	F	8.5	A		Condenser Tube Repair
12	760928	F	16.1	A		Condenser Tube Repair
<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 Plant operated at a nominal 100% power with the exception of the two off-line outages (See above) to repair condenser tubes.

1.16-E-1