



**Consumers  
Power  
Company**

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

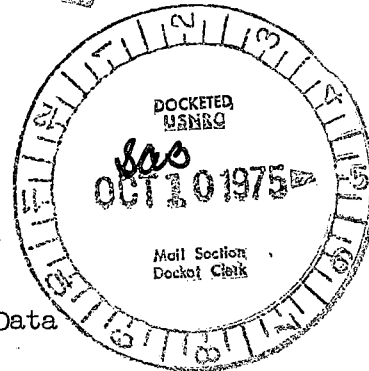
October 6, 1975

Regulatory

File Cy.

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



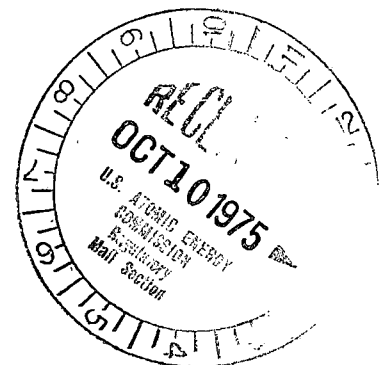
Gentlemen:

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

*Kenneth D. Brienzo*

Kenneth D. Brienzo  
Associate Engineer

cc: JGKeppler, NRC  
RBDeWitt  
RBSewell



10829

# APPENDIX D

UNIT Palisades  
 DATE 10-6-75  
616-764-8913  
 COMPLETED BY KDBrienzo  
 DOCKET NO. 50-255

## OPERATING STATUS

1. REPORTING PERIOD: 750901 THROUGH 750930  
 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): Power restricted to 2100 MWT due to reduced Primary Coolant Flow as a result of Steam Generator Tube plugging.

|   | THIS<br>REPORTING PERIOD | YR TO DATE       | CUMULATIVE<br>TO DATE |
|---|--------------------------|------------------|-----------------------|
| 5. HOURS REACTOR WAS CRITICAL   | <u>632.4</u>             | <u>3,921.5</u>   | <u>14,158.4</u>       |
| 6. REACTOR RESERVE SHUTDOWN HOURS   | <u>0</u>                 | <u>0</u>         | <u>0</u>              |
| 7. HOURS GENERATOR ON LINE  | <u>625.3</u>             | <u>3,794.8</u>   | <u>13,115.9</u>       |
| 8. UNIT RESERVE SHUTDOWN HOURS  | <u>0</u>                 | <u>0</u>         | <u>0</u>              |
| 9. GROSS THERMAL ENERGY<br>GENERATED (MWH)  | <u>977,856</u>           | <u>6,019,320</u> | <u>20,132,880</u>     |
| 10. GROSS ELECTRICAL ENERGY<br>GENERATED (MWH)  | <u>294,260</u>           | <u>1,774,000</u> | <u>6,278,250</u>      |
| 11. NET ELECTRICAL ENERGY GENERATED<br>(MWH)  | <u>270,114</u>           | <u>1,629,035</u> | <u>5,882,740</u>      |
| 12. REACTOR AVAILABILITY FACTOR (1)   | <u>87.8%</u>             | <u>59.9%</u>     | <u>43.1%</u>          |
| 13. UNIT AVAILABILITY FACTOR (2)  | <u>86.8%</u>             | <u>57.9%</u>     | <u>39.8%</u>          |
| 14. UNIT CAPACITY FACTOR (3)  | <u>54.8%</u>             | <u>36.3%</u>     | <u>29.8%</u>          |
| 15. UNIT FORCED OUTAGE RATE (4)   | <u>12.3%</u>             | <u>41.9%</u>     | <u>57.4%</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<br>FORECAST | DATE<br>ACHIEVED |
|--|-----------------------|------------------|
| INITIAL CRITICALITY                    | _____                 | _____            |
| INITIAL ELECTRICAL<br>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 =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

## APPENDIX C

DOCKET NO. 50-255UNIT PalissadesDATE 10-6-75COMPLETED BY KDBrienzo

## AVERAGE DAILY UNIT POWER LEVEL

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

|    |            |
|----|------------|
| 1  | <u>422</u> |
| 2  | <u>423</u> |
| 3  | <u>424</u> |
| 4  | <u>432</u> |
| 5  | <u>415</u> |
| 6  | <u>0</u>   |
| 7  | <u>0</u>   |
| 8  | <u>0</u>   |
| 9  | <u>0</u>   |
| 10 | <u>65</u>  |
| 11 | <u>145</u> |
| 12 | <u>225</u> |
| 13 | <u>290</u> |
| 14 | <u>373</u> |
| 15 | <u>447</u> |
| 16 | <u>497</u> |

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

|    |                   |
|----|-------------------|
| 17 | <u>543</u>        |
| 18 | <u>458</u>        |
| 19 | <u>498</u>        |
| 20 | <u>506</u>        |
| 21 | <u>508</u>        |
| 22 | <u>509</u>        |
| 23 | <u>511</u>        |
| 24 | <u>508</u>        |
| 25 | <u>508</u>        |
| 26 | <u>507</u>        |
| 27 | <u>511</u>        |
| 28 | <u>511</u>        |
| 29 | <u>511</u>        |
| 30 | <u>510</u>        |
| 31 | <u>          </u> |

## 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 -6-75

COMPLETED BY KDBrienzo

REPORT MONTH September 1975

| NO.  | DATE   | TYPE<br>F-FORCED<br>S-SCHEDULED | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR (2) | CORRECTIVE ACTIONS/COMMENTS                      |
|--|--------|---------------------------------|---------------------|------------|---|--|
| 8  | 750906 | F                               | 87.6                | A          | 1   | Shutdown to repair Control Rod drive mechanisms. |
| <div> <div> (1) REASON<br/> A-EQUIPMENT FAILURE (EXPLAIN)<br/> B-MAINT. OR TEST<br/> C-REFUELING<br/> D-REGULATORY RESTRICTION<br/> E-OPERATOR TRAINING AND<br/> LICENSE EXAMINATION<br/> F-ADMINISTRATIVE<br/> G-OPERATIONAL ERROR<br/> (EXPLAIN)<br/> H-OTHER (EXPLAIN) </div> <div> (2) METHOD<br/> 1-MANUAL<br/> 2-MANUAL<br/> SCRAM<br/> 3-AUTOMATIC<br/> SCRAM </div> </div> |        |                                 |                     |            |   |  |

SUMMARY: The unit operated for the month of September at 70% to 80% except for the outage noted for work on Control Rod Drive mechanisms.

1.16E-1