

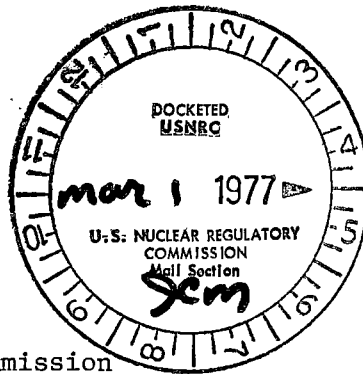
**Regulatory Docket File**



**Consumers  
Power  
Company**

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

March 1, 1977



USNuclear 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 February 1977.

William E. Adams  
General Engineer

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

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## APPENDIX C

DOCKET NO. 50-255UNIT PalisadesDATE 3-1-77COMPLETED BY DIBollnow

## AVERAGE DAILY UNIT POWER LEVEL

MONTH February 1977DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

1	<u>445</u>
2	<u>643</u>
3	<u>661</u>
4	<u>661</u>
5	<u>655</u>
6	<u>665</u>
7	<u>664</u>
8	<u>664</u>
9	<u>639</u>
10	<u>318</u>
11	<u>665</u>
12	<u>670</u>
13	<u>671</u>
14	<u>670</u>
15	<u>668</u>
16	<u>670</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-net)

17	<u>666</u>
18	<u>670</u>
19	<u>667</u>
20	<u>670</u>
21	<u>666</u>
22	<u>671</u>
23	<u>666</u>
24	<u>668</u>
25	<u>662</u>
26	<u>676</u>
27	<u>670</u>
28	<u>676</u>
29	<u>        </u>
30	<u>        </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 3-1-77

COMPLETED BY DIBollnow

REPORT MONTH February 1977

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
None						

- |  |             |
|--|-------------|
| (1) REASON                                     | (2) METHOD  |
| A-EQUIPMENT FAILURE (EXPLAIN)                  | 1-MANUAL    |
| B- MAINT. OR TEST                              | 2-MANUAL    |
| C- REFUELING                                   | SCRAM       |
| D-REGULATORY RESTRICTION                       | 3-AUTOMATIC |
| E-OPERATOR TRAINING AND<br>LICENSE EXAMINATION | SCRAM       |
| F-ADMINISTRATIVE                               |             |
| G-OPERATIONAL ERROR<br>(EXPLAIN)               |             |
| H-OTHER (EXPLAIN)                              |             |

SUMMARY:

# APPENDIX D

UNIT Palisades  
 DATE 3-1-77  
 COMPLETED BY 616-764-8913  
DIBollnow  
 DOCKET NO. 50-255

## OPERATING STATUS

1. REPORTING PERIOD: 770201 THROUGH 770228  
 HOURS IN REPORTING PERIOD: 672
2. CURRENTLY AUTHORIZED POWER LEVEL (MWh) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 635
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>672</u>	<u>1402</u>	<u>22,672.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS . . . . .	_____	_____	_____
7. HOURS GENERATOR ON LINE . . . . .	<u>672</u>	<u>1392.6</u>	<u>21,216.8</u>
8. UNIT RESERVE SHUTDOWN HOURS . . . . .	_____	_____	_____
9. GROSS THERMAL ENERGY GENERATED (MWH) . . . . .	<u>1,428,888</u>	<u>2,855,376</u>	<u>35,538,360</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>458,990</u>	<u>904,500</u>	<u>11,089,700</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) . . . . .	<u>433,388</u>	<u>852,280*</u>	<u>10,380,959*</u>
12. REACTOR AVAILABILITY FACTOR (1) . . . . .	<u>100%</u>	<u>99%</u>	<u>50.1%</u>
13. UNIT AVAILABILITY FACTOR (2) . . . . .	<u>100%</u>	<u>98.3%</u>	<u>46.9%</u>
14. UNIT CAPACITY FACTOR (3) . . . . .	<u>103.9%</u>	<u>96.4%</u>	<u>36.8%</u>
15. UNIT FORCED OUTAGE RATE (4) . . . . .	<u>0%</u>	<u>1.7%</u>	<u>46.5%</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:

\* Reflects a correction

of 9 for Jan. 1977.

INITIAL CRITICALITY

INITIAL ELECTRICAL  
POWER GENERATION

COMMERCIAL OPERATION

DATE LAST  
FORECAST

DATE  
ACHIEVED

- (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 =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWe-NET) \times HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE + FORCED OUTAGE HOURS}} \times 100$