

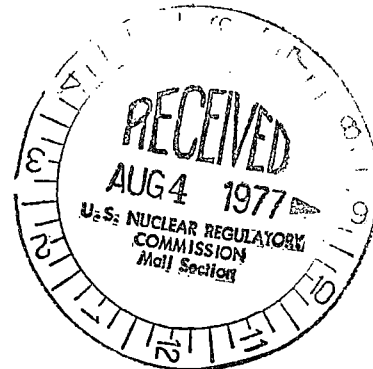
Regulatory



**Consumers
Power
Company**

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

August 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 July 1977.

William E. Adams
General Engineer

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

APPENDIX D

Regulatory

File Cy

UNIT Palisades
 DATE 8-1-77
616-764-8913
 COMPLETED BY DIBollnow
 DOCKET NO. 50-255

OPERATING STATUS

1. REPORTING PERIOD: 770701 THROUGH 770731
 HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth) 2200 MAX. DEPENDABLE CAPACITY (MW_e-NET) 635
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MW_e-NET): _____
4. REASONS FOR RESTRICTION (IF ANY): _____

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>722.9</u>	<u>4,793.8</u>	<u>26,064.7</u>
6. REACTOR RESERVE SHUTDOWN HOURS			
7. HOURS GENERATOR ON LINE	<u>719.1</u>	<u>4,727.6</u>	<u>24,551.8</u>
8. UNIT RESERVE SHUTDOWN HOURS			
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,554,528</u>	<u>9,992,688</u>	<u>42,675,672</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>470,340</u>	<u>3,134,850</u>	<u>13,320,050</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>441,340</u>	<u>2,949,113</u>	<u>12,477,792</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>97.2%</u>	<u>94.2%</u>	<u>53.3%</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>96.7%</u>	<u>92.9%</u>	<u>50.2%</u>
14. UNIT CAPACITY FACTOR (3)	<u>93.4%</u>	<u>91.3%</u>	<u>40.9%</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>0%</u>	<u>1.9%</u>	<u>43.0%</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 = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MW}_e\text{-NET)} \times \text{HOURS IN REPORTING PERIOD}}$
- (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 8-1-77COMPLETED BY DIBollnow

AVERAGE DAILY UNIT POWER LEVEL

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

1	647
2	653
3	641
4	623
5	626
6	622
7	629
8	634
9	635
10	640
11	637
12	626
13	640
14	614
15	594
16	620

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

17	336
18	619
19	622
20	622
21	631
22	644
23	650
24	639
25	645
26	656
27	659
28	656
29	645
30	40
31	243

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 August 1, 1977

COMPLETED BY DIBollnow

REPORT MONTH July 1977

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
8	770717	----	0			Power reduction to perform cleanup to the west condenser water box from cooling tower fill demins.
9	770730	S	21.1			<ol style="list-style-type: none"> Low oil level indication in Primary Coolant pump motor bearing reservoir. Repairs to reheater steam supply valve.
<div style="display: flex; justify-content: space-between;"> <div> <p>(1) REASON</p> <p>A-EQUIPMENT FAILURE (EXPLAIN)</p> <p>B- MAINT. OR TEST</p> <p>C- REFUELING</p> <p>D-REGULATORY RESTRICTION</p> <p>E-OPERATOR TRAINING AND LICENSE EXAMINATION</p> <p>F-ADMINISTRATIVE</p> <p>G-OPERATIONAL ERROR (EXPLAIN)</p> <p>H-OTHER (EXPLAIN)</p> </div> <div> <p>(2) METHOD</p> <p>1-MANUAL</p> <p>2-MANUAL SCRAM</p> <p>3-AUTOMATIC SCRAM</p> </div> </div>						

SUMMARY: Unit operated at a nominal 100% except for the power reduction and short outage listed above.

116-E-1

RECEIVED DOCUMENT
PROCESSING UNIT

1977 AUG 4 AM 9 41