



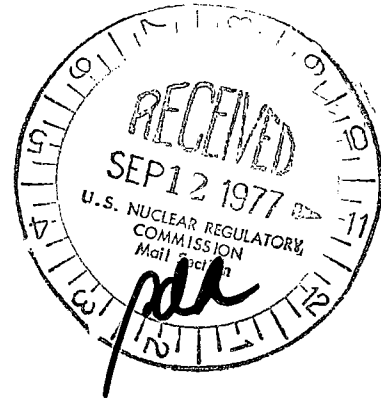
**Consumers  
Power  
Company**

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

September 7, 1977

Regulatory

File Cy



U.S. Nuclear 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 August 1977.

*W. E. Adams*

William E. Adams,  
General Engineer

cc: JGKeppler, NRC  
RBDeWitt  
DABixel  
CVWaits  
DEVanFarowe, Div. of Radiological Health  
Lansing, Mich.  
A.Kozlowski, Mich. Dept. of Labor  
Document Control 950-22.35.10

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1977 SEP 12 AM 10 42

DOCKET NO. 50-255UNIT PalisadesDATE Sept. 7, 1977COMPLETED BY DIBollnow  
616-764-8913

## AVERAGE DAILY UNIT POWER LEVEL

MONTH August 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	642	17	--
2	647	18	--
3	646	19	--
4	639	20	--
5	637	21	--
6	639	22	--
7	634	23	--
8	638	24	--
9	635	25	70
10	641	26	504
11	644	27	618
12	641	28	625
13	641	29	642
14	647	30	646
15	635	31	630
16	13		

## 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 C** **OPERATING DATA REPORT**

DOCKET NO. 50-255  
UNIT Palisades  
DATE Sept. 7, 1977  
COMPLETED BY DIBollnow  
TELEPHONE 616-764-8913

## **OPERATING STATUS**

1. REPORTING PERIOD: 770801 to 770831 GROSS HOURS IN REPORTING PERIOD: 744  
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200 MAX. DEPEND. CAPACITY (MWe-Net): 635  
DESIGN ELECTRICAL RATING (MWe-Net): 805  
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): \_\_\_\_\_

4. REASONS FOR RESTRICTION (IF ANY): \_\_\_\_\_

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL .....	541.4	5,335.2	26,606.1
6. REACTOR RESERVE SHUTDOWN HOURS .....	0	0	0
7. HOURS GENERATOR ON LINE .....	519.7	5,247.3	25,071.5
8. UNIT RESERVE SHUTDOWN HOURS .....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH) .....	1,122,840	11,115,528	43,798,512
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .....	341,730	3,476,580	13,661,780
11. NET ELECTRICAL ENERGY GENERATED (MWH) .....	320,543	3,269,710	12,798,389
12. REACTOR SERVICE FACTOR .....	72.8%	91.5%	53.6%
13. REACTOR AVAILABILITY FACTOR .....	72.8%	91.5%	53.6%
14. UNIT SERVICE FACTOR .....	69.9%	90.0%	50.5%
15. UNIT AVAILABILITY FACTOR .....	69.9%	90.0%	50.5%
16. UNIT CAPACITY FACTOR (Using MDC) .....	67.8%	87.9%	41.3%
17. UNIT CAPACITY FACTOR (Using Design MWe) .....	53.5%	69.4%	32.0%
18. UNIT FORCED OUTAGE RATE .....	30.1%	5.7%	42.8%

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
Refueling/Steam Generator Surveillance: January 1978: 12 Weeks  
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

**APPENDIX D**  
**UNIT SHUTDOWNS AND POWER REDUCTIONS**

DOCKET NO. 50-255  
UNIT NAME Palisades  
DATE Sept. 7, 1977  
COMPLETED BY DIBollnow  
TELEPHONE 616-764-8913

REPORT MONTH August 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
10	770816	F	224.3	A	1	<p>(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)</p> <p>Repair a Containment purge exhaust isolation valve.</p> <p>(2) METHOD 1: MANUAL 2: MANUAL SCRAM. 3: AUTOMATIC SCRAM 4: OTHER (EXPLAIN)</p>

**SUMMARY:** The Plant operated at a nominal 100% power with the exception of the above mentioned outage.