

January 4, 2000

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

LICENSEE REPORT OF MONTHLY OPERATING DATA
DPR-20, DOCKET NO 50-255

Enclosed is a copy of the Monthly Operating Data and Summary of Operating Experience for the Palisades Nuclear Plant for the month of December 1999.

If you have any questions or concerns, please contact me at (616) 764-3179.

Sincerely,



R. S. Hawn
Reactor Engineering Supervisor

CC: JMMilan, Palisades
GABaustian, Palisades
Senior Resident Inspector, Palisades
DRHahn, Div of Rad Health Services, Lansing, MI
BWJorgensen, Michigan Dept of Labor, Lansing, MI
RDWhale, Michigan Public Service Commission
Records Center, INPO, Atlanta, GA
SMMcIntyre, P26-204
Region III Administrator, USNRC
Pal. Eng. Records Center, 950*22*35*10/L
Cycle 15 Reports (SMH 00*02)

IE24

POA ADOCK 05000255

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-255

UNIT Palisades

DATE 01/04/00

COMPLETED BY SMHandlovits

TELEPHONE (616)764-3262

MONTH DECEMBER 1999

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

1.	<u>0</u>
2.	<u>0</u>
3.	<u>0</u>
4.	<u>0</u>
5.	<u>0</u>
6.	<u>0</u>
7.	<u>0</u>
8.	<u>0</u>
9.	<u>0</u>
10.	<u>0</u>
11.	<u>0</u>
12.	<u>11</u>
13.	<u>3</u>
14.	<u>15</u>
15.	<u>138</u>
16.	<u>162</u>

DAY AVERAGE DAILY POWER LEVEL

(MWe Net)

17.	<u>169</u>
18.	<u>190</u>
19.	<u>199</u>
20.	<u>228</u>
21.	<u>291</u>
22.	<u>329</u>
23.	<u>357</u>
24.	<u>409</u>
25.	<u>413</u>
26.	<u>405</u>
27.	<u>380</u>
28.	<u>416</u>
29.	<u>395</u>
30.	<u>196</u>
31.	<u>321</u>

INSTRUCTIONS:

On this format, list the average daily unit power level in MWe-NET for each day in the reporting month.

Compute to the nearest whole megawatt.

SUMMARY OF OPERATING EXPERIENCE FOR DECEMBER 1999

The Plant began the month of December shutdown continuing the refueling outage. The plant was critical on December 10 at 1500 and went online December 12 at 2119 to begin power escalation to less than 25%. After reaching approximately 20%, it was determined that steam generator chemistry had increased levels of sodium and required a plant shutdown. The plant was offline December 13 at 0508 but remained critical. On December 14 at 1423 the plant went online again. Plant power varied between 30% and 60% from December 14 to December 30 to facilitate cleanup of the high sodium levels in the steam generators. The plant ended the month at approximately 55% power.

REPORT MONTH DECEMBER 1999

DOCKET NO 50-255

UNIT Palisades

DATE 01/03/00

COMPLETED BY SMHandlovits

TELEPHONE 818-764-3262

UNIT SHUTDOWNS AND POWER REDUCTIONS

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	10/15/99	S	326.4	C	1				Refueling Outage
4	12/14/99	S		F	4 At Reduced Power				Chemistry Hold Due to High Sodium Levels in Feedwater

- | | | | | |
|--|---|---|---|---------------------------------------|
| <p>1.
F: Forced
S: Scheduled</p> | <p>2.
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License
Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)</p> | <p>3.
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)</p> | <p>4.
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)</p> | <p>5.
Exhibit I - Same Source</p> |
|--|---|---|---|---------------------------------------|

OPERATING DATA REPORT

U.S. N.R.I.

DOCKET NO 50-255
 DATE 1-4-99
 COMPLETED BY SMHandlovits
 TELEPHONE (616) 764-3262

OPERATING STATUS:

- | | |
|---|---------------|
| 1. UNIT NAME | Palisades |
| 2. REPORTING PERIOD: | 991201-991231 |
| 3. LICENSED THERMAL POWER (MWt) | 2530 |
| 4. NAMEPLATE RATING (GROSS MWe) | 811.7 |
| 5. DESIGN ELECTRICAL RATING (NET MWe) | 805 |
| 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe) | 770 ** |
| 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe) | 730 ** |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEM NUMBERS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: | |

NOTES:

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe):
 10. REASONS FOR RESTRICTIONS, IF ANY:

	This Month	Yr-to-Date	Cumulative
11 HOURS IN REPORTING PERIOD	744.0	8760.0	245751.0
12 NUMBER OF HOURS REACTOR WAS CRITICAL	513.0	7026.9	150310.5
13 REACTOR RESERVE SHUTDOWN HOURS	----	----	----
14 HOURS GENERATOR ON-LINE	425.4	6911.4	144997.1
15 UNIT RESERVE SHUTDOWN HOURS	----	----	----
16 GROSS THERMAL ENERGY GENERATED (MWH)	477245.2	16746387.2	324965190.3
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	134741	5395936	103237522
18 NET ELECTRICAL ENERGY GENERATED (MWH)	120600	5128361	97590161
19 UNIT SERVICE FACTOR	57.2%	78.9%	59.0%
20 UNIT AVAILABILITY FACTOR	57.2%	78.9%	59.0%
21 UNIT CAPACITY FACTOR (USING MDC NET)	22.2%	80.2%	57.6% *
22 UNIT CAPACITY FACTOR (USING DER NET)	20.1%	72.7%	49.3%
23 UNIT FORCED OUTAGE RATE	0.0%	5.8%	25.3%
24 SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):			

- 25 IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:
 26 UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

** Based on condenser backpressure

* Weighted Average (635 MWe used as MDC Net prior to October 1985)