

OPERATING DATA REPORT  
WNP-2

01-May-87

1. DOCKET: 50-397
2. REPORTING PERIOD: Apr-87 OUTAGE + ON-LINE HOURS 719
3. UTILITY CONTACT: LEONARD HUTCHISON (509) 377-2486
4. LICENSED THERMAL POWER (MWt): 3323
5. NAMEPLATE RATING (GROSS MWe): 1200.9
6. DESIGN ELECTRICAL RATING (NET MWe): 1100
7. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 1140
8. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 1095
9. IF CHANGES OCCUR ABOVE SINCE LAST REPORT, GIVE REASONS:  
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10. POWER TO WHICH RESTRICTED, IF ANY (NET MWe): 788.  
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11. REASONS FOR RESTRICTIONS, IF ANY: 1A RRC Pump Inoperable  
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- |                                    | MONTH  | YEAR    | CUMULATIVE |
|------------------------------------|--------|---------|------------|
| 12. REPORT PERIOD HOURS            | 719    | 2879    | 20839.2    |
| 13. HOURS REACTOR CRITICAL         | 230.6  | 2248.1  | 15955.5    |
| 14. RX RESERVE SHUTDOWN HRS        | 0.0    | 0.0     | 340.4      |
| 15. HRS GENERATOR ON LINE          | 223.7  | 2198.5  | 15359.4    |
| 16. UNIT RESERVE SHUTDOWN HOURS    | 0.0    | 0.0     | 381.7      |
| 17. GROSS THERMAL ENERGY (MWH)     | 508800 | 5104872 | 38786052   |
| 18. GROSS ELECTRICAL ENERGY (MWH)  | 169930 | 1710530 | 12929800   |
| 19. NET ELECTRICAL ENERGY (MWH)    | 164018 | 1651917 | 12421888   |
| 20. UNIT SERVICE FACTOR            | 31.1%  | 76.4%   | 73.7%      |
| 21. UNIT AVAILABILITY FACTOR       | 31.1%  | 76.4%   | 75.5%      |
| 22. UNIT CAPACITY FACTOR (MDC NET) | 20.8%  | 52.4%   | 54.4%      |
| 23. UNIT CAPACITY FACTOR (DER NET) | 20.7%  | 52.2%   | 54.2%      |
| 24. UNIT FORCED OUTAGE RATE        | 0.0%   | 7.8%    | 7.6%       |
| 25. FORCED OUTAGE HOURS            | 0.0    | 185.2   | 1260.5     |
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):  
NONE  
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27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: June 4, 1987  
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PDR ADOCK 05000397  
R PDR

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 5/1/87

COMPLETED BY L. B. Hutchison

TELEPHONE (509) 377-2486

MONTH APRIL 1987

## DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

1	<u>759</u>
2	<u>762</u>
3	<u>722</u>
4	<u>761</u>
5	<u>729</u>
6	<u>758</u>
7	<u>752</u>
8	<u>752</u>
9	<u>756</u>
10	<u>83</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

## DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

## 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 when maximum dependable capacity is used 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.



DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 5/1/87

COMPLETED BY L. B. Hutchison

TELEPHONE (509) 377-2486

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD April 19 87  
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
86-14P	11/10/86	F	0	A	5	NA	CB	PUMP XX	Power limited to 72% due to inoperability of 1A RRC Pump
87-04	4/10/87	S	495.3	C	1	NA	NA	NA	Plant shut down as scheduled for refueling outage

SUMMARY

WNP-2 operated at reduced power level until shutdown for refueling outage.

TYPE	REASON	METHOD	SYSTEM & COMPONENT
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)
	F-Admin		
	G-Oper Error		
	H-Other		

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

Docket No. 50-397

June 5, 1987

Director  
Office of Resource Management  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Sir:

Subject: NUCLEAR PLANT NO. 2  
MONTHLY OPERATING REPORT

Transmitted herewith is the Monthly Operating Report for  
May 1987 as required by our Technical Specifications  
6.9.1.6.

Very truly yours,

*C. M. Powers*

C. M. Powers (M/D 927M)  
WNP-2 Plant Manager

CMP/lc

Enclosure

cc: Mr. John B. Martin - NRC, Region V  
Mr. Robert T. Dodds - NRC Site Representative  
Ms. Dottie Sherman - ANI, Farmington CT  
Mr. J. T. Wheelock - INPO  
Mr. Phil Ross - NRC, Washington D.C.

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