

OPERATING DATA REPORT  
WNP-2

01-Apr-87

1. DOCKET: 50-397
2. REPORTING PERIOD: Mar-87 OUTAGE + ON-LINE HOURS 744
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
11. REASONS FOR RESTRICTIONS, IF ANY: 1A RRC PUMP INOPERABLE  
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12. REPORT PERIOD HOURS MONTH 744 YEAR 2160 CUMULATIVE 20120.2
13. HOURS REACTOR CRITICAL 702.6 2017.5 15725.0
14. RX RESERVE SHUTDOWN HRS 0.0 0.0 340.4
15. HRS GENERATOR ON LINE 686.7 1974.8 15135.7
16. UNIT RESERVE SHUTDOWN HOURS 0.0 0.0 381.7
17. GROSS THERMAL ENERGY (MWH) 1608072 4596072 38277252
18. GROSS ELECTRICAL ENERGY (MWH) 534180 1540600 12759870
19. NET ELECTRICAL ENERGY (MWH) 516206 1487899 12257870
20. UNIT SERVICE FACTOR 92.3% 91.4% 75.2%
21. UNIT AVAILABILITY FACTOR 92.3% 91.4% 77.1%
22. UNIT CAPACITY FACTOR (MDC NET) 63.4% 62.9% 55.6%
23. UNIT CAPACITY FACTOR (DER NET) 63.1% 62.6% 55.4%
24. UNIT FORCED OUTAGE RATE 7.7% 8.6% 7.7%
25. FORCED OUTAGE HOURS 57.3 185.2 1260.5
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):  
REFUELING AND MAINTENANCE OUTAGE SCHEDULED FOR 60 DAYS STARTING 4/13/87  
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27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: -----

DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 4/1/87

COMPLETED BY LB Hutchison

TELEPHONE (509)377-2486

UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD MARCH 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	-	CB	PUMPXX	POWER OUTPUT LIMITED TO 72% DUE TO INOPERABILITY OF 1A RRC PUMP
87-03	3/22/87	F	57.3	A	2	87-02	CH	INSTRU-C	THE REACTOR WAS MANUALLY SCRAMMED AT 71% POWER DUE TO A SUDDEN REDUCTION IN RPV LEVEL CAUSED BY LOSS OF BOTH FEEDWATER PUMPS ON LOW SUCTION PRESSURE WHICH RESULTED FROM A FAILED FUSE IN THE FEEDWATER LEVEL CONTROLLER. THE PLANT WAS BROUGHT TO A SAFE SHUTDOWN AND ALL ABNORMAL CONDITIONS RESTORED TO NORMAL. AFTER TROUBLESHOOTING AND AN ENGINEERING EVALUATION THE FAILED FUSE WAS REPLACED WITH ONE OF A HIGHER RATING AND THE PLANT RETURNED TO SERVICE.

**SUMMARY**

WNP-2 OPERATED AT A REDUCED POWER LEVEL DURING MARCH WITH ONE SHUTDOWN.

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 4/1/87

COMPLETED BY LB Hutchison

TELEPHONE (509)377-2486

MONTH MARCH 1987

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>744</u>
2	<u>762</u>
3	<u>760</u>
4	<u>762</u>
5	<u>761</u>
6	<u>740</u>
7	<u>771</u>
8	<u>769</u>
9	<u>768</u>
10	<u>766</u>
11	<u>764</u>
12	<u>760</u>
13	<u>753</u>
14	<u>769</u>
15	<u>766</u>
16	<u>769</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>766</u>
18	<u>768</u>
19	<u>772</u>
20	<u>766</u>
21	<u>770</u>
22	<u>632</u>
23	<u>0</u>
24	<u>0</u>
25	<u>310</u>
26	<u>736</u>
27	<u>727</u>
28	<u>771</u>
29	<u>773</u>
30	<u>770</u>
31	<u>766</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.



WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

May 5, 1987

Docket No. 50-397

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  
April 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/pl

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

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