

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 3/1/87

COMPLETED BY LB Hutchison

TELEPHONE (509)377-2486

MONTH FEBRUARY 1987

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

1	765
2	771
3	773
4	772
5	768
6	735
7	772
8	772
9	772
10	774
11	768
12	762
13	750
14	769
15	771
16	769

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

17	773
18	771
19	772
20	554
21	0
22	0
23	0
24	0
25	3
26	322
27	741
28	649
29	
30	
31	

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 3/2/87

COMPLETED BY LB Hutchison

TELEPHONE (509)377-2486

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD FEBRUARY 1987
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
87-01	2/20/87	F	122.0	A	1	-	HA	TURBIN	PLANT WAS SHUTDOWN BECAUSE OF LOW TURBINE BEARING OIL PRESSURE. INSPECTION REVEALED A BROKEN CHECK VALVE IN BEARING OIL SUPPLY HEADER WHICH WAS REPAIRED AND PLANT RETURNED TO SERVICE.
87-02	2/25/87	F	5.9	G	1	-	HA	GENERAX	TURBINE GENERATOR WAS REMOVED FROM SERVICE DUE TO HIGH EXCITER TEMPERATURE WHICH INITIATED A FIRE PROTECTION SYSTEM AND ADMITTED CO2 INSIDE THE EXCITER HOUSING. CAUSE OF THE PERTURBATION WAS MISALIGNMENT OF COOLING WATER VALVING. AN INSPECTION OF EXCITER WAS MADE, VALVE ALIGNMENT CORRECTED AND UNIT RETURNED TO SERVICE.

SUMMARY

WNP-2

OPERATED AT A REDUCED POWER LEVEL DURING FEBRUARY AND INCURRED TWO SHUTDOWNS.

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

OPERATING DATA REPORT
WNP-2

01-Mar-87

1. DOCKET: 50-397
2. REPORTING PERIOD: Feb-87 OUTAGE + ON-LINE HOURS 672
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:

10. POWER TO WHICH RESTRICTED, IF ANY (NET MWe): -----
11. REASONS FOR RESTRICTIONS, IF ANY: 1A RRC PUMP INOPERABLE

12. REPORT PERIOD HOURS MONTH YEAR CUMULATIVE
13. HOURS REACTOR CRITICAL 672 1416 19376.2
14. RX RESERVE SHUTDOWN HRS 570.9 1314.9 15022.4
15. HRS GENERATOR ON LINE 0.0 0.0 340.4
16. UNIT RESERVE SHUTDOWN HOURS 544.1 1288.1 14449.0
17. GROSS THERMAL ENERGY (MWH) 0.0 0.0 381.7
18. GROSS ELECTRICAL ENERGY (MWH) 1255200 2988000 36669180
19. NET ELECTRICAL ENERGY (MWH) 418870 1006420 12225690
20. UNIT SERVICE FACTOR 404350 971693 11741664
21. UNIT AVAILABILITY FACTOR 81.0% 91.0% 74.6%
22. UNIT CAPACITY FACTOR (MDC NET) 81.0% 91.0% 76.5%
23. UNIT CAPACITY FACTOR (DER NET) 55.0% 62.7% 55.3%
24. UNIT FORCED OUTAGE RATE 54.7% 62.4% 55.1%
25. FORCED OUTAGE HOURS 19.0% 9.0% 7.7%
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):
REFUELING AND MAINTENANCE OUTAGE SCHEDULED FOR 60 DAYS STARTING 4/11/87

27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: -----



WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

Docket No. 50-397

April 8, 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
March 1987 as required by our Technical Specifications
6.9.1.6.

Very truly yours,

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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