

OPERATING DATA REPORT  
WNP-2

01-Jul-87

1. DOCKET: 50-397
2. REPORTING PERIOD: Jun-87 OUTAGE + ON-LINE HOURS 720
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): -----
11. REASONS FOR RESTRICTIONS, IF ANY: -----  
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12. REPORT PERIOD HOURS MONTH 720 YEAR 4343 CUMULATIVE 22303.2
13. HOURS REACTOR CRITICAL 176.3 2424.3 16131.8
14. RX RESERVE SHUTDOWN HRS 0.0 0.0 340.4
15. HRS GENERATOR ON LINE 52.4 2250.9 15411.8
16. UNIT RESERVE SHUTDOWN HOURS 0.0 0.0 381.7
17. GROSS THERMAL ENERGY (MWH) 83299 5188171 38869351
18. GROSS ELECTRICAL ENERGY (MWH) 15560 1726090 12945360
19. NET ELECTRICAL ENERGY (MWH) 14276 1666193 12436164
20. UNIT SERVICE FACTOR 7.3% 51.8% 69.1%
21. UNIT AVAILABILITY FACTOR 7.3% 51.8% 70.8%
22. UNIT CAPACITY FACTOR (MDC NET) 1.8% 35.0% 50.9%
23. UNIT CAPACITY FACTOR (DER NET) 1.8% 34.9% 50.7%
24. UNIT FORCED OUTAGE RATE 58.2% 10.3% 8.0%
25. FORCED OUTAGE HOURS 73.1 258.3 1333.5
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE,DATE,DURATION):  
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27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: UNKNOWN

DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 7/1/87

COMPLETED BY LB Hutchison

TELEPHONE (509)377-2486

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD JUNE 19 87  
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
87-04	4/10/87	S	583.75	C	4	-	RC	FUELXX	REFUELING OUTAGE CONCLUDES
87-05	6/25/87	S	10.73	B	1	-	HA	MECFUN	GENERATOR WAS REMOVED FROM GRID TO PERFORM OVER-SPEED TESTS ON TURBINE
87-06	6/26/87	F	17.63	A	3	87-18	EB	TRANSF	REACTOR SCRAMMED AT 40% POWER FROM TGV FAST CLOSURE RPS TRIP AS A RESULT OF TURBINE TRIP CAUSED BY TR-N1 AUXILIARY TRANSFORMER SUDDEN PRESSURE RELAY ACTUATION. THE RELAY WAS REPLACED AND PLANT WAS RESTARTED WITH TR-N1 OUT OF SERVICE FOR FURTHER EVALUATION.
87-07	6/27/87	F	26.32	A	3	87-19	EB	TRANSF	REACTOR SCRAMMED AT 58% POWER FROM TGV FAST CLOSURE RPS TRIP AS A RESULT OF TURBINE TRIP CAUSED BY TR-N2 AUXILIARY TRANSFORMER SUDDEN PRESSURE RELAY ACTUATION. THE CAUSE OF THE TR-N1 AND TR-N2 SUDDEN PRESSURE RELAY OPERATION WAS TRACED TO AN INSTALLED TEST SWITCH WHICH CAUSED MISOPERATION OF THE RELAYS. THE RELAY WAS REPLACED AND PLANT RESTARTED WITH THE SUDDEN PRESSURE RELAY BYPASSED FOR FURTHER EVALUATION.
87-08	6/28/87	F	29.13	A	3	87-20	EB	CKTBKR	REACTOR SCRAMMED AT 54% POWER DUE TO A SPURIOUS LOSS OF MG SET POWER TO RPS BUS A. ANOTHER HALF SCRAM ALREADY EXISTED ON THE OPPOSITE RPS CHANNEL (B) DUE TO A LEAKING RPS OIL PRESSURE SWITCH. THE SPURIOUS LOSS OF POWER FROM THE MG SET WAS THE RESULT OF A BINDING IN UV RESTRAINT COIL IN EPA BREAKER SUPPLYING THE "A" RPS BUS. THE COIL WAS ADJUSTED AND TESTED TO VERIFY PROPER OPERATION AND THE OIL PRESSURE SWITCH REPLACED PRIOR TO PLANT RESTART.

SUMMARY

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 7/1/87

COMPLETED BY LB Hutchison

TELEPHONE (509)377-2486

MONTH JUNE 1987

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	49
26	45
27	105
28	168
29	0
30	228
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.