

OPERATING DATA REPORT
WNP-2

01-Aug-85

1. DOCKET: 50-397
2. REPORTING PERIOD: Jul-85 OUTAGE+ON-LINE HOURS 744
3. UTILITY CONTACT: LEONARD HUTCHISON (509) 377-2501 EXT-2486
4. LICENSED THERMAL POWER (MWt): 3323
5. NAMEPLATE RATING (GROSS MWe): 1200.1
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): 775 MWe Net

11. REASONS FOR RESTRICTIONS, IF ANY: 'B' RRC Pump inoperable.

	MONTH	YEAR	CUMULATIVE
12. REPORT PERIOD HOURS	744	5087	5527.2
13. HOURS REACTOR CRITICAL	692.5	3335.7	3752.2
14. RX RESERVE SHUTDOWN HRS	0.0	1029.9	1029.9
15. HRS GENERATOR ON LINE	661.9	3092.8	3491.3
16. UNIT RESERVE SHUTDOWN HOURS	0.0	1046.9	1046.9
17. GROSS THERMAL ENERGY (MWH)	1189200	8021643	9235271
18. GROSS ELECTRICAL ENERGY (MWH)	389620	2624060	3050990
19. NET ELECTRICAL ENERGY (MWH)	369564	2515023	2925409
20. UNIT SERVICE FACTOR	89.0%	60.8%	63.2%
21. UNIT AVAILABILITY FACTOR	89.0%	81.4%	82.1%
22. UNIT CAPACITY FACTOR (MDC NET)	45.4%	45.2%	48.3%
23. UNIT CAPACITY FACTOR (DER NET)	45.2%	44.9%	48.1%
24. UNIT FORCED OUTAGE RATE	10.0%	16.7%	15.9%
25. FORCED OUTAGE HOURS	73.9	619.1	660.8

26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):

27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE:

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 8/1/85

COMPLETED BY L.B. Hutchison

TELEPHONE (509) 377-2501
x2486

MONTH JULY 1985

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

1	<u>10</u>
2	<u>199</u>
3	<u>379</u>
4	<u>481</u>
5	<u>492</u>
6	<u>490</u>
7	<u>288</u>
8	<u>623</u>
9	<u>596</u>
10	<u>603</u>
11	<u>486</u>
12	<u>486</u>
13	<u>491</u>
14	<u>492</u>
15	<u>489</u>
16	<u>341</u>

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

17	<u>0</u>
18	<u>116</u>
19	<u>423</u>
20	<u>563</u>
21	<u>601</u>
22	<u>623</u>
23	<u>624</u>
24	<u>612</u>
25	<u>651</u>
26	<u>720</u>
27	<u>732</u>
28	<u>728</u>
29	<u>726</u>
30	<u>722</u>
31	<u>739</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 8/1/85

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TELEPHONE (509) 377-2501 ext 2486

UNIT SHUTDOWNS / REDUCTIONS

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REPORT PERIOD JULY 19 85
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
85-12	7/1/85	F	29.6	A	3	85-047	HA	VALVEX	Reactor Scram during startup due to failure of limit switches on throttle valves #1 & #4 to reset when valves were opened. The switches were recalibrated and the plant returned to service.
85-02P	7/1/85	F	0	A	5		CB CH	PUMPXX PUMPXX	"B" RFW Pump out of service due to bearing failure with resultant pump damage which limited power output to a maximum of approximately 82%. Also, "B" RRC Pump failed on 7/3/85 due to motor CT failure and high vibration. This limited power output to 50% until 7/19 when A Tech Spec change authorized increase power output on single loop operation as determined by core stability which permitted approximately 70 to 72% power output.

SUMMARY

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)

DOCKET NO. 50-397

UNIT NAME WNP-2

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UNIT SHUTDOWNS / REDUCTIONS

PAGE 2 of 2

REPORT PERIOD JULY 1985
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRING
85-13	7/7/85	S	8.2	A	1	N/A	CB	PUMPXX	Plant was shutdown because of A current transformer failure on 'B' RRC motor due to a failed termination. Repairs were made and plant returned to service. However, excessive vibration prevented operating pump on 60 Hz.
85-14	7/16/85	F	43.4	A	1	LATER	CH	VALVEXX	Plant was shutdown due to excessive unidentified leakage in drywell. The leakage was identified as a feed water check valve hinge gasket. Repairs were completed and plant returned to service.
85-15	7/18/85	F	0.8	G	9		HJ	INSTRU	Generator tripped during startup due to high MSR level. Upon investigation it was determined that level controller was not in proper mode.

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)
		1-Manual	
		2-Manual Scram	
		3-Auto Scram	
		4-Continued	
		5-Reduced Load	
		9-Other	

Washington Public Power Supply System

3000 George Washington Way P.O. Box 968 Richland, Washington 99352-0968 (509)372-5000

August 6, 1985

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
July 1985 as required by our Technical Specifications
6.9.1.6.

Very truly yours,



C. M. Powers
WNP-2 Plant Manager

CMP/pl

Enclosure

cc: Mr. John B. Martin - NRC, Region V
Mr. A. D. Toth - WNP-2 Site
Ms. Dottie Sherman - ANI, Farmington CT

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