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 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1990 for WNP-2.W/900907 ltr.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

Docket No. 50-397

September 7, 1990

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington D.C. 20555

Dear Sir:

Subject: NUCLEAR PLANT NO. 2
MONTHLY OPERATING REPORT
AUGUST 1990

Transmitted herewith is the Monthly Operating Report for the month of August 1990 as required by our Technical Specification 6.9.1.6.

Very truly yours,

J.W. Baker
WNP-2 Plant Manager
(MD 927M)

JWB:LBH:bap

Enclosure

cc: Mr. J.B. Martin, NRC Region V
Mr. C.J. Bosted, NRC Resident Inspector (901A)
Ms. Dottie Sherman, ANI, Farmington, CT
Mr. J.T. Wheelock, INPO
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DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 9/4/90

COMPLETED BY LB Hutchison

TELEPHONE (509) 377-2486

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD Aug 19 90
month, year

NO.	DATE	TYPE	HOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
90-02	4/21/90	S	147.6	C	4	--	RC	Fuel XX	Refueling outage RF-5 concluded.
90-03	8/7/90	S	4.55	B	1	--	HA	MECFUN	Generator was removed from grid to perform overspeed testing of main turbine. It was then returned to service after successful completion of overspeed tests.

SUMMARY

WNP-2 returned to service from refueling outage. Subsequently, a scheduled outage for testing occurred

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	

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397
 UNIT WNP-2
 DATE 9/1/90
 COMPLETED BY LB Hutchison
 TELEPHONE (509) 377-2486

MONTH August 1990

	DAY AVERAGE DAILY POWER LEVEL (MwE-Net)
1.	<u>0</u>
2.	<u>0</u>
3.	<u>0</u>
4.	<u>0</u>
5.	<u>0</u>
6.	<u>0</u>
7.	<u>74</u>
8.	<u>309</u>
9.	<u>584</u>
10.	<u>851</u>
11.	<u>983</u>
12.	<u>1036</u>
13.	<u>904</u>
14.	<u>573</u>
15.	<u>902</u>
16.	<u>1024</u>

	DAY AVERAGE DAILY POWER LEVEL (MwE-Net)
17.	<u>932</u>
18.	<u>932</u>
19.	<u>1050</u>
20.	<u>1056</u>
21.	<u>1048</u>
22.	<u>1049</u>
23.	<u>1067</u>
24.	<u>1067</u>
25.	<u>1071</u>
26.	<u>1070</u>
27.	<u>1066</u>
28.	<u>1059</u>
29.	<u>1053</u>
30.	<u>1060</u>
31.	<u>1051</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.

OPERATING DATA REPORT
WNP-2

01-Sep-90

1. DOCKET: 50-397
2. REPORTING PERIOD: Aug-90 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:

None

10. POWER TO WHICH RESTRICTED, IF ANY (NET MWe):

11. REASONS FOR RESTRICTIONS, IF ANY:

None

	MONTH	YEAR	CUMULATIVE
12. REPORT PERIOD HOURS	744	5831	50095.2
13. HOURS REACTOR CRITICAL	668.7	3322.6	36397.8
14. RX RESERVE SHTDWN HRS	0.0	0.0	340.4
15. HRS GENERATOR ON LINE	591.9	3231.3	35078.9
16. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	381.7
17. GROSS THERMAL ENERGY (MWH)	1751164	9984501	98328941
18. GROSS ELECTRICAL ENERGY (MWH)	572460	3311840	32715790
19. NET ELECTRICAL ENERGY (MWH)	546814	3162389	31448532
20. UNIT SERVICE FACTOR	79.5%	55.4%	70.0%
21. UNIT AVAILABILITY FACTOR	79.5%	55.4%	70.8%
22. UNIT CAPACITY FACTOR (MDC NET)	67.1%	49.5%	57.3%
23. UNIT CAPACITY FACTOR (DER NET)	66.8%	47.6%	57.3%
24. UNIT FORCED OUTAGE RATE	0.0%	0.0%	7.9%
25. FORCED OUTAGE HOURS	0.0	0.0	2996.2

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

27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: