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 AUTH. NAME AUTHOR AFFILIATION
 HUTCHISON, L. Washington Public Power Supply System
 POWERS, C.M. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1989 for WPN-2. W/900105 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

Docket No. 50-397

January 5; 1990

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

Dear Sir:

SUBJECT: NUCLEAR PLANT NO. 2
MONTHLY OPERATING REPORT

Transmitted herewith is the Monthly Operating Report
for December, 1989 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/lc

Enclosure

cc: Mr. J. B. Martin - NRC Region V
Mr. C. J. Bosted - NRC Site Representative (901A)
Ms. Dottie Sherman - ANI; Farmington CT
Mr. J. T. Wheelock - INPO
Mr. W. H. Lovelace - NRC; Washington D.C.

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OPERATING DATA REPORT
WNP-2

01-Jan-90

1. DOCKET: 50-397
2. REPORTING PERIOD: Dec-89 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
12. REPORT PERIOD HOURS MONTH YEAR CUMULATIVE
744 8760 44264.2
13. HOURS REACTOR CRITICAL 744.0 6857.7 33075.3
14. RX RESERVE SHUTDOWN HRS 0.0 0.0 340.4
15. HRS GENERATOR ON LINE 744.0 6683.4 31847.9
16. UNIT RESERVE SHUTDOWN HOURS 0.0 0.0 381.7
17. GROSS THERMAL ENERGY (MWH) 2392985 19233235 88344440
18. GROSS ELECTRICAL ENERGY (MWH) 805420 6370450 29403950
19. NET ELECTRICAL ENERGY (MWH) 780005 6117835 28286143
20. UNIT SERVICE FACTOR 100.0% 76.3% 71.9%
21. UNIT AVAILABILITY FACTOR 100.0% 76.3% 72.8%
22. UNIT CAPACITY FACTOR (MDC NET) 95.7% 63.8% 58.4%
23. UNIT CAPACITY FACTOR (DER NET) 95.3% 63.5% 58.1%
24. UNIT FORCED OUTAGE RATE 0.0% 4.4% 8.6%
25. FORCED OUTAGE HOURS 0.0 304.6 2996.2
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):
Refueling Outage, 4/13/90 for 45 days
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE:



DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 1/03/90

COMPLETED BY LB Hutchison

TELEPHONE (509) 377-2486

UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD DEC 19 89
month, year

NO.	DATE	TYPE	TOURS	REASON	METHOD	LER NUMBER	SYSTEM	COMPONENT	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
89-15P	12/12/89	S	0	H	5	-	RB	Con Rod	Reduced power, to perform a Control Rod Sequence Exchange

SUMMARY

WNP-2 operated routinely in December, with no outages and one Power Reduction as described above.

TYPE	REASON	METHOD	SYSTEM & COMPONENT
-Forced	A-Equip Failure	F-Admin	Exhibit F & H
-Sched	D-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 1/5/90

COMPLETED BY LB Hutchison

TELEPHONE (509) 377-2486

MONTH DECEMBER

DAY AVERAGE DAILY POWER LEVEL (MwE-Net)

1.	<u>1073</u>
2.	<u>1084</u>
3.	<u>1082</u>
4.	<u>1077</u>
5.	<u>1075</u>
6.	<u>1078</u>
7.	<u>1075</u>
8.	<u>1029</u>
9.	<u>1067</u>
10.	<u>1080</u>
11.	<u>1076</u>
12.	<u>718</u>
13.	<u>816</u>
14.	<u>1029</u>
15.	<u>962</u>
16.	<u>1042</u>

DAY AVERAGE DAILY POWER LEVEL (MwE-Net)

17.	<u>1069</u>
18.	<u>1075</u>
19.	<u>1081</u>
20.	<u>1078</u>
21.	<u>1034</u>
22.	<u>1041</u>
23.	<u>1086</u>
24.	<u>1085</u>
25.	<u>1083</u>
26.	<u>1088</u>
27.	<u>1084</u>
28.	<u>1086</u>
29.	<u>1078</u>
30.	<u>1087</u>
31.	<u>1083</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.

2000
1000
500
0