

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

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ACCESSION NBR: 9312150023 DOC. DATE: ~~93/11/30~~ NOTARIZED: NO DOCKET #  
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 AUTH. NAME AUTHOR AFFILIATION  
 EMBREE, D.G. Washington Public Power Supply System  
 PARRISH, J.V. Washington Public Power Supply System  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1993 for WPPSS 2.W/931208  
 ltr.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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December 8, 1993  
G02-93-284

Docket No. 50-397

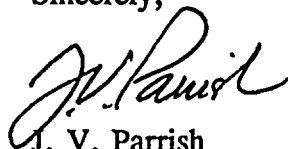
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Dear Sirs:

Subject: **NUCLEAR PLANT NO. 2  
MONTHLY OPERATING REPORT  
NOVEMBER, 1993**

Transmitted herewith is the Monthly Operating Report for the month of November 1993 as required by our Technical Specifications 6.9.1.6.

Sincerely,



J. V. Parrish  
Assistant Managing Director, Operations (MD 1023)

JVP:DGE

cc: Mr. W.H. Lovelace, NRC, Washington, DC  
Mr. B.H. Faulkenbury, NRC Region V  
Mr. R.C. Barr, NRC Resident Inspector (901A)  
Ms. D. Sherman, ANI Library  
Mr. J.T. Wheelock, INPO  
Mr. C. Bergesen, Utility Data Institute  
Mr. J.T. Irish, BPA (399)

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# OPERATING STATUS REPORT for WNP-2

Date: December 1, 1993

1. Docket: 50-397
2. Reporting Period: NOVEMBER 1993                      Outage + On-Line Hours: 720.0
3. Utility Contact: David G. Embree (509) 377-8448
4. Licensed Thermal Power (MW<sub>t</sub>): 3323
5. Nameplate Rating (Gross MW<sub>e</sub>): 1200.9
6. Design Electrical Rating (Net MW<sub>e</sub>): 1120
7. Maximum Dependable Capacity (Gross MW<sub>e</sub>): 1132\*
8. Maximum Dependable Capacity (Net MW<sub>e</sub>): 1086\*
9. If changes occur above since last report, give reasons:                      \* Re-calculated MDC  
for most restrictive month due to environmental effects, back to Jan. 1, 1993.
10. Power to which restricted, if any (Net MW<sub>e</sub>): n/a
11. Reasons for restrictions, if any: n/a

	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
12. Report Period Hours	720.0	8,016.0	78,584.2
13. Hours Reactor Critical	720.0	6,217.5	55,366.2
14. Rx Reserve Shutdown Hours	0.0	0.0	340.4
15. Hours Generator On-Line	720.0	6,015.3	53,323.0
16. Unit Reserve Shutdown Hours	0.0	0.0	381.7
17. Gross Thermal Energy (MWH)	2,384,392	19,135,479	156,300,129
18. Gross Electrical Energy (MWH)	831,970	6,604,560	52,453,650
19. Net Electrical Energy (MWH)	801,771	6,308,052	50,258,471
20. Unit Service Factor	100.0%	75.0%	67.9%
21. Unit Availability Factor	100.0%	75.0%	68.3%
22. Unit Capacity Factor (MDC Net)	102.5%	72.5%	58.5%
23. Unit Capacity Factor (DER Net)	99.4%	70.3%	58.1%
24. Unit Forced Outage Rate	0.0%	9.2%	12.9%
25. Forced Outage Hours	0.0	612.0	7,885.3

26. Shutdowns scheduled over the next 6 months (type, date, duration):  
Refueling Outage, April 15, 1994, 60 Days.
27. If currently shutdown estimated startup date: n/a

Note: Cumulative Unit Capacity Factors (MDC & DER) are calculated with weighted averages.

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-397  
UNIT: WNP-2  
DATE: December 1, 1993  
COMPLETED BY: D. G. Embree  
TELEPHONE: (509) 377-8448

REPORT PERIOD: NOVEMBER 1993

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
1	1115
2	1113
3	1102
4	1117
5	1119
6	1029
7	1120
8	1121
9	1120
10	1117
11	1120
12	1116
13	1118
14	1119
15	1111

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
16	1116
17	1114
18	1114
19	1114
20	1120
21	1110
22	1117
23	1118
24	1120
25	1120
26	1118
27	1119
28	1121
29	1118
30	1112

### 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.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-397  
 UNIT NAME: WNP-2  
 DATE: December 1, 1993  
 COMPLETED BY: D.G. Embree  
 TELEPHONE: (509) 377-8448

REPORT PERIOD: NOVEMBER 1993

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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NONE

SUMMARY: WNP-2 operated near full power during the month with no outages or significant power reductions (>20%).

TYPE	REASON	METHOD	SYSTEM & COMPONENT
F - Forced	A - Equipment Failure	1 - Manual	NUREG-0161 Exhibits F & H
S - Scheduled	B - Maintenance or Test	2 - Manual Scram	
	C - Refueling	3 - Auto Scram	
	D - Regulatory Restriction	4 - Continued	
	E - Operator Training & License Examination	5 - Reduced Load	
	F - Administration	9 - Other	
	G - Operational Error		
	H - Other		