

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9004170052 DOC. DATE: ~~90/03/31~~ NOTARIZED: NO DOCKET #  
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397  
 AUTH. NAME AUTHOR AFFILIATION  
 HUTCHISON, L.B. Washington Public Power Supply System  
 POWERS, C.M. Washington Public Power Supply System  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repl for Mar 1990 for WPPS Nuclear Power Plant, Unit 2. W/900409 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4  
 TITLE: Monthly Operating Report (per Tech Specs)

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*Monthly Rpt  
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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

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Docket No. 50-397

April 9, 1990

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

Dear Sir:

SUBJECT: NUCLEAR PLANT NO. 2  
MONTHLY OPERATING REPORT  
MARCH 1990

Transmitted herewith is the Monthly Operating Report 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 Resident Inspector (901A)  
Ms. Dottie Sherman - ANI, Farmington CT  
Mr. J. T. Wheelock - INPO  
Mr. W. H. Lovelace - NRC, Washington D.C.

9004170052 900331  
PDR ADOCK 05000397  
R PDC

*Cent No 1723006564*  
*TE24*  
*11*



DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 4/1/90

COMPLETED BY LB HUTCHISON

TELEPHONE (509)377-2486

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD MARCH 1990  
month, year

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u>	<u>HOURS</u>	<u>REASON</u>	<u>METHOD</u>	<u>LER NUMBER</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>CAUSE &amp; CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
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NONE

<u>SUMMARY</u>	WNP-2 OPERATED ROUTINELY DURING MARCH WITH NO OUTAGES OR SIGNIFICANT POWER REDUCTIONS.
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TYPEREASONMETHODSYSTEM & COMPONENT

F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	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)



OPERATING DATA REPORT  
WNP-2

01-Apr-90

1. DOCKET: 50-397
2. REPORTING PERIOD: Mar-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     | 2160    | 46424.2    |
| 13. HOURS REACTOR CRITICAL         | 744.0   | 2160.0  | 35235.3    |
| 14. RX RESERVE SHTDWN HRS          | 0.0     | 0.0     | 340.4      |
| 15. HRS GENERATOR ON LINE          | 744.0   | 2160.0  | 34007.9    |
| 16. UNIT RESERVE SHUTDOWN HOURS    | 0.0     | 0.0     | 381.7      |
| 17. GROSS THERMAL ENERGY (MWH)     | 2334282 | 6835428 | 95179868   |
| 18. GROSS ELECTRICAL ENERGY (MWH)  | 775550  | 2277810 | 31681760   |
| 19. NET ELECTRICAL ENERGY (MWH)    | 748445  | 2200897 | 30487040   |
| 20. UNIT SERVICE FACTOR            | 100.0%  | 100.0%  | 73.3%      |
| 21. UNIT AVAILABILITY FACTOR       | 100.0%  | 100.0%  | 74.1%      |
| 22. UNIT CAPACITY FACTOR (MDC NET) | 91.9%   | 93.1%   | 60.0%      |
| 23. UNIT CAPACITY FACTOR (DER NET) | 91.5%   | 92.6%   | 59.7%      |
| 24. UNIT FORCED OUTAGE RATE        | 0.0%    | 0.0%    | 8.1%       |
| 25. FORCED OUTAGE HOURS            | 0.0     | 0.0     | 2996.2     |
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):  
REFUELING OUTAGE STARTING 4/20/90 FOR 45 DAYS
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE: \_\_\_\_\_

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 4/1/90

COMPLETED BY LB HUTCHISON

TELEPHONE (590)377-2486

MONTH MARCH 1990

## DAY AVERAGE DAILY POWER LEVEL (MwE-Net)

1.	<u>921</u>
2.	<u>959</u>
3.	<u>1062</u>
4.	<u>1040</u>
5.	<u>1037</u>
6.	<u>1029</u>
7.	<u>1036</u>
8.	<u>1046</u>
9.	<u>1030</u>
10.	<u>1043</u>
11.	<u>1046</u>
12.	<u>1042</u>
13.	<u>1034</u>
14.	<u>1021</u>
15.	<u>1026</u>
16.	<u>1004</u>

## DAY AVERAGE DAILY POWER LEVEL (MwE-Net)

17.	<u>1017</u>
18.	<u>1006</u>
19.	<u>994</u>
20.	<u>995</u>
21.	<u>1000</u>
22.	<u>995</u>
23.	<u>1001</u>
24.	<u>997</u>
25.	<u>919</u>
26.	<u>1006</u>
27.	<u>988</u>
28.	<u>978</u>
29.	<u>978</u>
30.	<u>966</u>
31.	<u>970</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.



1. *Chlorophyll a* and *Chlorophyll b* contents were determined by the method of Arar and Cook (1987).

10