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 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 rept for Apr 1990 for WPPS Nuclear Plant
 Unit 2.W/900505 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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*Monthly Rpt
 sent*

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

Docket No. 50-397

May 5, 1990

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

Dear Sir:

SUBJECT: NUCLEAR PLANT NO. 2
MONTHLY OPERATING REPORT
APRIL 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.

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DOCKET NO. 50-397

UNIT NAME WNP-2

DATE 5/1/90

COMPLETED BY LB HUTCHISON

TELEPHONE (509) 377-2486

UNIT SHUTDOWNS / REDUCTIONSREPORT PERIOD APRIL 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	239.5	C	1	-	RC	FUEL XX	Plant shutdown as scheduled for refueling outage R-5

SUMMARY

WNP-2 operated routinely in APRIL, completing the end of cycle on a fuel coastdown. Plant was shutdown on 21st for scheduled refueling outage.

TYPEREASONMETHODSYSTEM & COMPONENT

F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	D-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-May-90

1. DOCKET: 50-397
2. REPORTING PERIOD: Apr-90 OUTAGE + ON-LINE HOURS 719
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	719	2879	47143.2
13. HOURS REACTOR CRITICAL	493.8	2653.8	35729.1
14. RX RESERVE SHTDWN HRS	0.0	0.0	340.4
15. HRS GENERATOR ON LINE	479.5	2639.5	34487.4
16. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	381.7
17. GROSS THERMAL ENERGY (MWH)	1397909	8233337	96577777
18. GROSS ELECTRICAL ENERGY (MWH)	461570	2739380	32143330
19. NET ELECTRICAL ENERGY (MWH)	439296	2640193	30926336
20. UNIT SERVICE FACTOR	66.7%	91.7%	73.2%
21. UNIT AVAILABILITY FACTOR	66.7%	91.7%	74.0%
22. UNIT CAPACITY FACTOR (MDC NET)	55.8%	83.7%	59.9%
23. UNIT CAPACITY FACTOR (DER NET)	55.5%	83.4%	59.6%
24. UNIT FORCED OUTAGE RATE	0.0%	0.0%	8.0%
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:

6/5/90

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397

UNIT WNP-2

DATE 5/1/90

COMPLETED BY LB HUTCHISON

TELEPHONE (509) 377-2486

MONTH APRIL 1990

DAY AVERAGE DAILY POWER LEVEL (MwE-Net)

1.	<u>923</u>
2.	<u>957</u>
3.	<u>958</u>
4.	<u>953</u>
5.	<u>950</u>
6.	<u>946</u>
7.	<u>940</u>
8.	<u>937</u>
9.	<u>937</u>
10.	<u>932</u>
11.	<u>922</u>
12.	<u>928</u>
13.	<u>926</u>
14.	<u>933</u>
15.	<u>924</u>
16.	<u>920</u>

DAY AVERAGE DAILY POWER LEVEL (MwE-Net)

17.	<u>918</u>
18.	<u>916</u>
19.	<u>909</u>
20.	<u>719</u>
21.	<u>2</u>
22.	<u>0</u>
23.	<u>0</u>
24.	<u>0</u>
25.	<u>0</u>
26.	<u>0</u>
27.	<u>0</u>
28.	<u>0</u>
29.	<u>0</u>
30.	<u>0</u>
31.	<u>0</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.



1990