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AUTH. NAME AUTHOR AFFILIATION
HUTCHISON, L. Washington Public Power Supply System
BAKER, J.W. Washington Public Power Supply System
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1991 for Washington Nuclear
Plant 2.W/910410 ltr.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352-0968 • (509) 372-5000

Docket No. 50-397
April 10, 1991

GO2-91-068

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

Dear Sir:

Subject: **NUCLEAR PLANT NO. 2**
 MONTHLY OPERATING REPORT
 MARCH 1991

Transmitted herewith is the Monthly Operating Report for the month of March 1991 as required by our Technical Specifications 6.9.1.6.

Very truly yours,

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

bap
Enclosure

cc: Mr. W.H. Lovelace, NRC, Washington DC
 Mr. J.B. Martin, NRC Region V
 Ms. Dottie Sherman, ANI, Farmington CT
 Mr. C. Sorensen, NRC Resident Inspector (901A)
 Mr. J.T. Wheelock, INPO
 Mr. F. Yost, Utility Data Institute

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OPERATING DATA REPORT
WNP-2

01-Apr-91

1. DOCKET: 50-397
2. REPORTING PERIOD: Mar-91 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 | 55184.2 |
| 13. HOURS REACTOR CRITICAL | 744.0 | 2160.0 | 41144.2 |
| 14. RX RESERVE SHTDWN HRS | 0.0 | 0.0 | 340.4 |
| 15. HRS GENERATOR ON LINE | 731.3 | 2147.3 | 39750.2 |
| 16. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 381.7 |
| 17. GROSS THERMAL ENERGY (MWH) | 2350982 | 6978096 | 113327121 |
| 18. GROSS ELECTRICAL ENERGY (MWH) | 789160 | 2350090 | 37751730 |
| 19. NET ELECTRICAL ENERGY (MWH) | 761374 | 2268923 | 36297093 |
| 20. UNIT SERVICE FACTOR | 98.3% | 99.4% | 72.0% |
| 21. UNIT AVAILABILITY FACTOR | 98.3% | 99.4% | 72.7% |
| 22. UNIT CAPACITY FACTOR (MDC NET) | 93.5% | 95.9% | 60.1% |
| 23. UNIT CAPACITY FACTOR (DER NET) | 93.0% | 95.5% | 59.8% |
| 24. UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | 7.9% |
| 25. FORCED OUTAGE HOURS | 0.0 | 0.0 | 3401.2 |
26. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, DURATION):
Refueling outage (R6) to start 4/13/91 for 51 days.
-
27. IF CURRENTLY SHUTDOWN ESTIMATED STARTUP DATE:
-



1990

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-397
UNIT: WNP-2
DATE: MARCH 1991
COMPLETED BY: LB HUTCHISON
TELEPHONE: (509) 377-2486

MONTH: MARCH 1991

DAY AVERAGE DAILY POWER LEVEL (MWe-NET)

1.	1035
2.	865
3.	1035
4.	1065
5.	1084
6.	1082
7.	1079
8.	1073
9.	1080
10.	1076
11.	1080
12.	1079
13.	1085
14.	1086
15.	1072
16.	1080

DAY AVERAGE DAILY POWER LEVEL (MWe-NET)

17.	1080
18.	1078
19.	1078
20.	1076
21.	793
22.	306
23.	842
24.	980
25.	1077
26.	1084
27.	1079
28.	1033
29.	1035
30.	1031
31.	1024

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.

DOCKET NO.: 50-397
UNIT NAME: WNP-2
DATE: APRIL 1, 1991
COMPLETED BY: LB HUTCHISON
TELEPHONE: (509) 377-2486

UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD: MARCH 1991

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u>	<u>HOURS</u>	<u>REASON</u>	<u>METHOD</u>	<u>LER NO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
91-01	3/21/91	S	12.7	B	1	---	EB	ELCON	Generator was removed from service for cleaning of high voltage insulators due to buildup of chemical deposits from cooling tower drift. After completion of cleaning, the plant was returned to service.

SUMMARY: WNP-2 incurred one scheduled outage in March as described above.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT</u>
F-FORCED S-SCHED	A-EQUIP FAILURE B-MAINT OR TEST C-REFUELING D-REGULATORY RESTRICTION E-OPERATOR TRAINING & LICENSE EXAM	F-ADMIN G-OPER ERROR H-OTHER	EXHIBIT F & H INSTRUCTIONS FOR PREPARATION OF DATA ENTRY SHEET LICENSEE EVENT REPORT (LER) FILE (NUREG -0161)

