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RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1990 for WNP-2.W/900907 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

September 7, 1990

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

Dear Sir:

Subject: **NUCLEAR PLANT NO. 2**
**MONTHLY OPERATING REPORT**
**AUGUST 1990**

Transmitted herewith is the Monthly Operating Report for the month of August 1990 as required by our Technical Specification 6.9.1.6.

Very truly yours,

J.W. Baker

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

JWB:LBH:bap

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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#118590



IE24
1/1

DOCKET NO. 50-397
UNIT NAME WNP-2
DATE 9/4/90
COMPLETED BY LB Hutchison
TELEPHONE (509) 377-2486

# UNIT SHUTDOWNS / REDUCTIONS

REPORT PERIOD Aug (month), 1990 (year)

| NO. | DATE | TYPE | HOURS | REASON | METHOD | LER NUMBER | SYSTEM | COMPONENT | CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE |
|---|---|---|---|---|---|---|---|---|---|
| 90-02 | 4/21/90 | S | 147.6 | C | 4 | -- | RC | Fuel XX | Refueling outage RF-5 concluded. |
| 90-03 | 8/7/90 | S | 4.55 | B | 1 | -- | HA | MECFUN | Generator was removed from grid to perform overspeed testing of main turbine. It was then returned to service after successful completion of overspeed tests. |

SUMMARY: WNP-2 returned to service from refueling outage. Subsequently, a scheduled outage for testing occured

| TYPE | REASON | METHOD | SYSTEM & COMPONENT |
|---|---|---|---|
| F-Forced | A-Equip Failure | 1-Manual | Exhibit F & H |
| S-Sched | B-Maint or Test | 2-Manual Scram | Instructions for |
| | C-Refueling | 3-Auto Scram | Preparation of |
| | D-Regulatory Restriction | 4-Continued | Data Entry Sheet |
| | E-Operator Training & License Examination | 5-Reduced Load | Licensee Event Report |
| | F-Admin | 9-Other | (LER) File (NUREG-0161) |
| | G-Oper Error | | |
| | H-Other | | |

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-397
UNIT WNP-2
DATE 9/1/90
COMPLETED BY LB Hutchison
TELEPHONE (509) 377-2486

MONTH August 1990

| DAY | AVERAGE DAILY POWER LEVEL (MwE-Net) | DAY | AVERAGE DAILY POWER LEVEL (MwE-Net) |
|---|---|---|---|
| 1. | 0 | 17. | 932 |
| 2. | 0 | 18. | 932 |
| 3. | 0 | 19. | 1050 |
| 4. | 0 | 20. | 1056 |
| 5. | 0 | 21. | 1048 |
| 6. | 0 | 22. | 1049 |
| 7. | 74 | 23. | 1067 |
| 8. | 309 | 24. | 1067 |
| 9. | 584 | 25. | 1071 |
| 10. | 851 | 26. | 1070 |
| 11. | 983 | 27. | 1066 |
| 12. | 1036 | 28. | 1059 |
| 13. | 904 | 29. | 1053 |
| 14. | 573 | 30. | 1060 |
| 15. | 902 | 31. | 1051 |
| 16. | 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.

OPERATING DATA REPORT
WNP-2

01-Sep-90

1. DOCKET: 50-397

2. REPORTING PERIOD: Aug-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 | 5831 | 50095.2 |
| 13. HOURS REACTOR CRITICAL | 668.7 | 3322.6 | 36397.8 |
| 14. RX RESERVE SHTDWN HRS | 0.0 | 0.0 | 340.4 |
| 15. HRS GENERATOR ON LINE | 591.9 | 3231.3 | 35078.9 |
| 16. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 381.7 |
| 17. GROSS THERMAL ENERGY (MWH) | 1751164 | 9984501 | 98328941 |
| 18. GROSS ELECTRICAL ENERGY (MWH) | 572460 | 3311840 | 32715790 |
| 19. NET ELECTRICAL ENERGY (MWH) | 546814 | 3162389 | 31448532 |
| 20. UNIT SERVICE FACTOR | 79.5% | 55.4% | 70.0% |
| 21. UNIT AVAILABILITY FACTOR | 79.5% | 55.4% | 70.8% |
| 22. UNIT CAPACITY FACTOR (MDC NET) | 67.1% | 49.5% | 57.3% |
| 23. UNIT CAPACITY FACTOR (DER NET) | 66.8% | 47.6% | 57.3% |
| 24. UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | 7.9% |
| 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: _____