# CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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SMITH,G.O. Washington Public Power Supply System
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1996 for WNP-2.W/961210 ltr.

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

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
*P.O. Box 968 • Richland, Washington 99352-0968*

December 10, 1996
G02-96-239

Docket No. 50-397

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

Gentlemen:

Subject: **WNP-2 OPERATING LICENSE NPF-21**
**MONTHLY OPERATING REPORT**
**NOVEMBER 1996**

Transmitted herewith is the Monthly Operating Report for the month of November 1996 as required by Technical Specification 6.9.1.6.

Respectfully,

G. O. Smith
Plant General Manager
Mail Drop 927O

cc: LJ Callan - NRC RIV
TG Colburn - NRR
KE Perkins, Jr. - NRC RIV, WCFO
NRC Sr. Resident Inspector - 927N
NS Reynolds - Winston & Strawn
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IE24

# OPERATING STATUS REPORT
for WNP-2

Date: December 1, 1996

1. Docket: 50-397
2. Reporting Period: **NOVEMBER 1996** Outage + On-line Hours: 720.0
3. Utility Contact: **Bernice Kasko** (509) 377-4473
4. Licensed Thermal Power ($MW_t$): 3486
5. Nameplate Rating (Gross $MW_e$): 1199
6. Design Electrical Rating (Net $MW_e$): 1153
7. Maximum Dependable Capacity - summer (Gross $MW_e$): 1153
8. Maximum Dependable Capacity - summer (Net $MW_e$): 1107
9. If changes occur above since last report, give reasons: none
10. Power to which restricted, if any (Net $MW_e$): none
11. Reasons for restrictions, if any:

| | | MONTH | YEAR | CUMULATIVE |
|---|---|---|---|---|
| 12. | Report Period Hours | 720.0 | 8,040.0 | 104,888.2 |
| 13. | Hours Reactor Critical | 720.0 | 5,492.8 | 75,128.6 |
| 14. | Rx Reserve Shutdown Hours | 0.0 | 985.9 | 1,730.8 |
| 15. | Hours Generator On-Line | 720.0 | 5,255.6 | 72,506.1 |
| 16. | Unit Reserve Shutdown Hours | 0.0 | 997.4 | 1,956.2 |
| 17. | Gross Thermal Energy (MWH) | 2,404,370 | 14,805,337 | 215,262,887 |
| 18. | Gross Electrical Energy (MWH) | 821,320 | 4,924,840 | 72,502,320 |
| 19. | Net Electrical Energy (MWH) | 791,479 | 4,699,102 | 69,457,420 |
| 20. | Unit Service Factor | 100.0% | 65.4% | 69.1% |
| 21. | Unit Availability Factor | 100.0% | 77.8% | 71.0% |
| 22. | Unit Capacity Factor (MDC Net) | 99.3% | 52.8% | 60.6% |
| 23. | Unit Capacity Factor (DER Net) | 95.3% | 50.7% | 59.7% |
| 24. | Unit Forced Outage Rate | 0.0% | 2.3% | 10.4% |
| 25. | Forced Outage Hours | 0.0 | 123.3 | 8,443.0 |

26. Shutdowns scheduled over the next 6 months (type, date, duration): Refueling outage begins 4/12/97, duration is 42 days

27. If currently shutdown, estimated startup date:

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, 1996
COMPLETED BY: B Kasko
TELEPHONE: (509) 377-4473

REPORT PERIOD: **NOVEMBER 1996**

| DAY | AVERAGE DAILY POWER LEVEL (Net MWe) | DAY | AVERAGE DAILY POWER LEVEL (Net MWe) |
|---|---|---|---|
| 1 | 1052 | 16 | 1144 |
| 2 | 627 | 17 | 1127 |
| 3 | 1131 | 18 | 1149 |
| 4 | 1145 | 19 | 1151 |
| 5 | 1152 | 20 | 1150 |
| 6 | 1140 | 21 | 1152 |
| 7 | 1151 | 22 | 1153 |
| 8 | 1142 | 23 | 1152 |
| 9 | 766 | 24 | 1154 |
| 10 | 709 | 25 | 1158 |
| 11 | 1146 | 26 | 1151 |
| 12 | 1142 | 27 | 1153 |
| 13 | 1135 | 28 | 1145 |
| 14 | 1147 | 29 | 1152 |
| 15 | 1152 | 30 | 1149 |

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, 1996
COMPLETED BY: B Kasko
TELEPHONE: (509) 377-4473

REPORT PERIOD: NOVEMBER 1996

| No. | Date | Type | Hours | Reason | Method | LER Number | System | Component | Cause and Corrective Action To Prevent Recurrence |
|---|---|---|---|---|---|---|---|---|---|
| 96-14 | 11/2/96 | F | Zero | B | N/A | N/A | CB | MOTORX | Reduced power to 49% to perform maintenance on ASD channel. |
| 96-15 | 11/11/96 | S | Zero | B | N/A | N/A | HB/HE | VALVEX | Reduced power to 75% to perform monthly turbine valve testing. |

**SUMMARY:** At the end of the month WNP-2 was operating at 100% power.

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