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AUTH. NAME      AUTHOR AFFILIATION  
EMBREE, D.G.      Washington Public Power Supply System  
SMITH, G.O.      Washington Public Power Supply System  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jul 1994 for WNP Unit 2.W/940809  
ltr.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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

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August 9, 1994  
G02-94-188

Docket No. 50-397

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

Dear Sirs:

Subject:               **NUCLEAR PLANT NO. 2**  
                             **MONTHLY OPERATING REPORT**  
                             **JULY 1994**

Transmitted herewith is the Monthly Operating Report for the month of July, 1994 as required by our Technical Specifications 6.9.1.6.

Sincerely,

G. O. Smith  
Operations Division Manager (MD 9270)

GOS:DGE

cc:    NRC, MN BB-7602, Washington, DC  
      NRC, Administrator, Region IV  
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# OPERATING STATUS REPORT for WNP-2

Date: August 1, 1994

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1. Docket: 50-397
  2. Reporting Period: JULY 1994 Outage + On-Line Hours: 744.0
  3. Utility Contact: David G. Embree (509) 377-8448
  4. Licensed Thermal Power (MW<sub>t</sub>): 3323
  5. Nameplate Rating (Gross MW<sub>e</sub>): 1200.9
  6. Design Electrical Rating (Net MW<sub>e</sub>): 1120
  7. Maximum Dependable Capacity (Gross MW<sub>e</sub>): 1132
  8. Maximum Dependable Capacity (Net MW<sub>e</sub>): 1086
  9. If changes occur above since last report, give reasons: N/A
  10. Power to which restricted, if any (Net MW<sub>e</sub>): None
  11. Reasons for restrictions, if any:

|                                    | <u>MONTH</u> | <u>YEAR</u> | <u>CUMULATIVE</u> |
|------------------------------------|--------------|-------------|-------------------|
| 12. Report Period Hours            | 744.0        | 5,087.0     | 84,415.2          |
| 13. Hours Reactor Critical         | 148.2        | 2,917.4     | 59,027.6          |
| 14. Rx Reserve Shutdown Hours      | 0.0          | 0.0         | 340.4             |
| 15. Hours Generator On-Line        | 58.4         | 2,827.6     | 56,894.6          |
| 16. Unit Reserve Shutdown Hours    | 0.0          | 0.0         | 381.7             |
| 17. Gross Thermal Energy (MWH)     | 68,528       | 8,399,472   | 167,160,778       |
| 18. Gross Electrical Energy (MWH)  | 10,560       | 2,856,970   | 56,169,180        |
| 19. Net Electrical Energy (MWH)    | -958         | 2,713,100   | 53,798,485        |
| 20. Unit Service Factor            | 7.8%         | 55.6%       | 67.4%             |
| 21. Unit Availability Factor       | 7.8%         | 55.6%       | 67.9%             |
| 22. Unit Capacity Factor (MDC Net) | 0.0%         | 49.1%       | 58.4%             |
| 23. Unit Capacity Factor (DER Net) | 0.0%         | 47.6%       | 57.8%             |
| 24. Unit Forced Outage Rate        | 0.0%         | 2.9%        | 12.3%             |
| 25. Forced Outage Hours            | 0.0          | 85.8        | 7,971.1           |

26. Shutdowns scheduled over the next 6 months (type, date, duration): None
27. If currently shutdown, estimated startup date: N/A

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: August 1, 1994  
COMPLETED BY: D. G. Embree  
TELEPHONE: (509) 377-8448

REPORT PERIOD: JULY 1994

| DAY | AVERAGE DAILY POWER LEVEL<br>(Net MWe) |
|-----|--|
| 1   | -15                                    |
| 2   | -14                                    |
| 3   | -15                                    |
| 4   | -15                                    |
| 5   | -15                                    |
| 6   | -15                                    |
| 7   | -14                                    |
| 8   | -15                                    |
| 9   | -14                                    |
| 10  | -14                                    |
| 11  | -13                                    |
| 12  | -14                                    |
| 13  | -14                                    |
| 14  | -14                                    |
| 15  | -13                                    |

| DAY | AVERAGE DAILY POWER LEVEL<br>(Net MWe) |
|-----|--|
| 16  | -14                                    |
| 17  | -14                                    |
| 18  | -12                                    |
| 19  | -14                                    |
| 20  | -15                                    |
| 21  | -15                                    |
| 22  | -14                                    |
| 23  | -15                                    |
| 24  | -18                                    |
| 25  | -11                                    |
| 26  | -18                                    |
| 27  | -18                                    |
| 28  | -25                                    |
| 29  | 83                                     |
| 30  | 122                                    |
| 31  | 174                                    |

### 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: August 1, 1994  
COMPLETED BY: D.G. Embree  
TELEPHONE: (509) 377-8448

REPORT PERIOD: JULY 1994

| No.   | Date     | Type | Hours | Reason | Method | LER Number | System | Component | Cause and Corrective Action To Prevent Recurrence   |
|-------|----------|------|-------|--------|--------|------------|--------|-----------|---|
| 94-03 | April 30 | S    | 685.7 | C      | 4      | ---        | RC     | FUELXX    | Continuation from previous month.<br>Plant officially concluded the annual outage (R-9) on July 30. |

**SUMMARY:** WNP-2 completed the annual refueling and maintenance outage (R-9) and was ramping up to full power by the end of the month.

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