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 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 Dec 1994 for WNP-2.
 W/950109 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

January 9, 1995
G02-95-003

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
DECEMBER 1994**

Transmitted herewith is the Monthly Operating Report for the month of December, 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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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is essential for ensuring the integrity of the financial system and for providing a clear audit trail. The second part of the document outlines the specific procedures that must be followed when recording transactions, including the use of standardized forms and the requirement for double-checking entries.

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The following table provides a summary of the key findings from the audit. It shows that there were no significant discrepancies found in the records, and that all transactions were properly documented and verified. The table also highlights the areas where the system performed well and the areas where further improvements could be made.

The audit also identified several areas where the system could be improved. These include the need for more frequent audits, the implementation of more robust security measures, and the development of more comprehensive training programs for staff. The audit committee has agreed to implement these recommendations as a matter of priority.

The audit was conducted by the independent audit firm, and the results were presented to the board of directors. The board has accepted the findings of the audit and has agreed to implement the recommendations. The audit committee will continue to monitor the progress of the implementation of these recommendations.

OPERATING STATUS REPORT
for WNP-2

Date: January 1, 1995

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1. Docket: 50-397
 2. Reporting Period: **DECEMBER 1994** Outage + On-Line Hours: 744.0
 3. Utility Contact: **David G. Embree (509) 377-8448**
 4. Licensed Thermal Power (MW_t): 3323
 5. Nameplate Rating (Gross MW_e): 1200.9
 6. Design Electrical Rating (Net MW_e): 1120
 7. Maximum Dependable Capacity (Gross MW_e): 1132
 8. Maximum Dependable Capacity (Net MW_e): 1086
 9. If changes occur above since last report, give reasons: N/A

 10. Power to which restricted, if any (Net MW_e): None
 11. Reasons for restrictions, if any:

	<u>MONTH</u>	<u>YEAR</u>	<u>CUMULATIVE</u>
12. Report Period Hours	744.0	8,760.0	88,088.2
13. Hours Reactor Critical	744.0	6,590.4	62,700.6
14. Rx Reserve Shutdown Hours	0.0	0.0	340.4
15. Hours Generator On-Line	744.0	6,500.6	60,567.6
16. Unit Reserve Shutdown Hours	0.0	0.0	381.7
17. Gross Thermal Energy (MWH)	2,463,811	20,501,534	179,262,840
18. Gross Electrical Energy (MWH)	857,780	7,041,290	60,353,500
19. Net Electrical Energy (MWH)	826,508	6,739,749	57,825,134
20. Unit Service Factor	100.0%	74.2%	68.8%
21. Unit Availability Factor	100.0%	74.2%	69.2%
22. Unit Capacity Factor (MDC Net)	102.3%	70.8%	60.1%
23. Unit Capacity Factor (DER Net)	99.2%	68.7%	59.5%
24. Unit Forced Outage Rate	0.0%	1.3%	11.6%
25. Forced Outage Hours	0.0	85.8	7,971.1

26. Shutdowns scheduled over the next 6 months (type, date, duration):
Annual refueling (R-10), April 15, 1995, 42 days.
27. If currently shutdown, estimated startup date: N/A

Note: Cumulative Unit Capacity Factors (MDC & DER) are calculated with weighted averages.

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Figure 1. The effect of the concentration of the *Agrobacterium* strain on the transformation efficiency of *Agrobacterium* strain 101. The *Agrobacterium* strain 101 was cultured in the YEA medium for 24 h. The cell concentration was adjusted to 1.0 × 10⁸ cells/ml. The cell suspension was mixed with the cell suspension of the *Agrobacterium* strain 101 at the concentration of 1.0 × 10⁸ cells/ml. The mixture was then used for the transformation of *Agrobacterium* strain 101. The transformation efficiency was determined by the number of transformants per 10⁸ cells. The results are shown in Table 1.

[illegible]

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-397
UNIT: WNP-2
DATE: January 1, 1995
COMPLETED BY: D. G. Embree
TELEPHONE: (509) 377-8448

REPORT PERIOD: DECEMBER 1994

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
1	1106
2	1108
3	1120
4	1118
5	1117
6	1119
7	1119
8	1114
9	1114
10	1118
11	1118
12	1114
13	1115
14	1117
15	1116

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
16	1111
17	1032
18	1107
19	1105
20	1089
21	1106
22	1118
23	1116
24	1117
25	1119
26	1110
27	1112
28	1109
29	1121
30	1118
31	1119

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: January 1, 1995
 COMPLETED BY: D.G. Embree
 TELEPHONE: (509) 377-8448

REPORT PERIOD: DECEMBER 1994

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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None

SUMMARY: The plant operated at full power during most all of the month, except for short downpower evolutions for periodic testing and minor maintenance.

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