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ACCESSION NBR: 9409130244 DOC. DATE: 94/08/31 NOTARIZED: NO DOCKET #
FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
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 Aug 1994 for WNP-2.W/940906 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

September 6, 1994
G02-94-209

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
 AUGUST 1994

Transmitted herewith is the Monthly Operating Report for the month of August, 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
 NRC, Resident Inspector (927N)
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1. *Phragmites australis* (Cav.) Trin. ex Steud.

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The diagram illustrates the experimental setup. A subject is seated at a table, looking at a video screen. A video camera is positioned above the screen. A target is placed on the table. A horizontal arrow indicates the direction of movement from the starting point to the target. A vertical arrow indicates the direction of movement from the starting point to the video screen. A horizontal arrow indicates the direction of movement from the video screen to the target. A vertical arrow indicates the direction of movement from the video screen to the video camera.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28 °C. The cell concentration of the strains was adjusted to 1.0 × 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and the mixture was incubated for 24 h at 28 °C. The plant tissue was then cultured on the selective medium. The transformation efficiency was calculated as the number of transformants per 100 mg of plant tissue. The data are the mean ± SD of three independent experiments.

OPERATING STATUS REPORT for WNP-2

Date: September 1, 1994

1. Docket: 50-397
2. Reporting Period: **AUGUST 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	5,831.0	85,159.2
13. Hours Reactor Critical	744.0	3,661.4	59,771.6
14. Rx Reserve Shutdown Hours	0.0	0.0	340.4
15. Hours Generator On-Line	744.0	3,571.6	57,638.6
16. Unit Reserve Shutdown Hours	0.0	0.0	381.7
17. Gross Thermal Energy (MWH)	2,401,349	10,800,821	169,562,127
18. Gross Electrical Energy (MWH)	823,450	3,680,420	56,992,630
19. Net Electrical Energy (MWH)	791,331	3,504,431	54,589,816
20. Unit Service Factor	100.0%	61.3%	67.7%
21. Unit Availability Factor	100.0%	61.3%	68.1%
22. Unit Capacity Factor (MDC Net)	97.9%	55.3%	58.7%
23. Unit Capacity Factor (DER Net)	95.0%	53.7%	58.1%
24. Unit Forced Outage Rate	0.0%	2.3%	12.1%
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: September 1, 1994
COMPLETED BY: D. G. Embree
TELEPHONE: (509) 377-8448

REPORT PERIOD: AUGUST 1994

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
1	559
2	905
3	1054
4	1087
5	1056
6	1100
7	1099
8	1096
9	1102
10	1099
11	1095
12	1094
13	1022
14	1092
15	1097

DAY	AVERAGE DAILY POWER LEVEL (Net MWe)
16	1096
17	1097
18	1101
19	1093
20	1099
21	1100
22	1098
23	1098
24	1099
25	1098
26	1096
27	981
28	1092
29	1092
30	1091
31	1086

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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-397
 UNIT NAME: WNP-2
 DATE: September 1, 1994
 COMPLETED BY: D.G. Embree
 TELEPHONE: (509) 377-8448

REPORT PERIOD: AUGUST 1994

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

SUMMARY: WNP-2 completed the annual refueling and maintenance outage (R-9) last month and was ramping up to full power at the beginning of the month. The plant was operating at full power during most of the month.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM & COMPONENT</u>
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

1. The first part of the report is a summary of the work done during the year. It is a brief statement of the results of the work, and is intended to give a general idea of the progress made. It is not a detailed account of the work, but a summary of the main results.

2. The second part of the report is a detailed account of the work done during the year. It is a full and complete statement of the work, and is intended to give a detailed account of the progress made. It is not a summary of the work, but a full and complete statement of the work.

bcc: G. O. SMITH at ~SERVER2

Subject: Delegation of Authority

[illegible]

TO: J.H. Swailes, WNP-2 Plant Manager (927M)

FROM: G.O. Smith, Operations Division Manager (9270) *G.O. Smith*

SUBJECT: DELEGATION OF AUTHORITY

REFERENCE:

During my absence on September 2-5, 1994, Mr. C.J. Schwarz will act for the Operations Division Manager. Mr. Schwarz will have full authority of the position with the exception of personnel and salary actions.

Should my scheduled return be delayed, this delegation shall continue until my actual return.

h1t

"Original signed and filed"