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AUTH. NAME                      AUTHOR AFFILIATION  
SORENSEN, G.C.                  Washington Public Power Supply System  
RECIP. NAME                      RECIPIENT AFFILIATION

SUBJECT: "1991 Annual Environ Operating Rept." W/920421 ltr.

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April 21, 1992  
GO2-92-102

Docket No. 50-397

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station P1-137  
Washington, D.C. 20555

Subject:       **NUCLEAR PLANT NO. 2**  
                  **1991 ANNUAL ENVIRONMENTAL OPERATING REPORT**

This letter is submitted per reporting requirements of Section 5.4.1 of the WNP-2 Environmental Protection Plan (EPP)( Appendix B to Facility Operating License NPF-21).

A summary of the effluent data reported to the State of Washington on the monthly discharge monitoring reports is attached. One NPDES permit violation occurred in 1991. On May 21 the pH exceeded the limit of 9.0 for one hour, reaching a maximum of 10.1. The incident was reported to the Energy Facility Site Evaluation Council which subsequently issued a Notice of Violation (with \$1000 penalty) on August 26. No environmental impact was observed or alleged to have been attributable to the incident.

No design or operational changes or tests in 1991 involved an unreviewed environmental question. Also, no non-routine reports (within the context of EPP Section 5.4.2) were required for 1991.

Please contact us if you require additional information on this report.

G.C. Sorensen, Manager  
Regulatory Programs (MD-280)

Attachment: Table of 1991 effluent data

cc:   RC Sorensen, NRC Resident (901A)  
      JJ Zeller, EFSEC  
      JB Martin, NRC Region V  
      WM Dean, NRC NRR

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WNP-2 COOLING WATER BLOWDOWN DISCHARGES, 1991

Month	Days of Discharge	pH		TRC (mg/l)	Discharge Volume (millions of gallons)		
		High	Low		Total	Ave*	Max**
Jan	31	8.5	8.0	≤0.1	95.76	3.09	4.34
Feb	28	8.4	8.0	≤0.1	90.02	3.21	5.51
Mar	31	8.6	8.2	≤0.1	60.20	1.94	4.10
Apr	20	8.6	7.5	≤0.1	74.52	3.73	7.24
May	27	10.1	7.0	≤0.1	40.56	1.50	1.95
Jun	15	8.3	7.6	≤0.1	17.43	1.16	1.73
Jul	13	8.0	7.5	≤0.1	14.19	1.09	1.51
Aug	21	8.6	7.9	≤0.1	30.70	1.46	2.27
Sep	21	8.3	7.5	≤0.1	29.31	1.40	2.16
Oct	31	8.8	7.9	≤0.1	92.92	3.00	5.18
Nov	26	8.6	7.7	≤0.1	78.33	3.01	5.94
Dec	22	8.6	8.1	≤0.1	82.51	3.75	6.59
Permit Limit		9.0	6.5	0.1		5.00	9.40

\* Average daily discharge during the month.

\*\* Maximum daily discharge during the month.



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