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 AUTH. NAME      AUTHOR AFFILIATION  
 SWANK, D.A.      Washington Public Power Supply System  
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SUBJECT: "1996 Annual Environ Operating Rept." W/970224 ltr.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

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February 24, 1997  
GO2-97-036

Docket No. 50-397

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

Gentlemen:

Subject: **WNP-2 OPERATING LICENSE NPF-21  
1996 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 OL).

No design or operational changes or tests in 1996 involved an unreviewed environmental question. Environmental evaluations were prepared for three proposed changes or activities. One involved a change in the service water treatment program for biofouling control (changing from nonoxidizing biocides to hydrogen peroxide). Another was for the installation and operation of a sidestream filter on the standby service water system. The third involved piping to dewater the condenser water boxes to accomodate on-line tube plugging. All of these proposed changes involved potential water discharges that would be regulated under the station's NPDES permit. No non-routine nonradiological reports (within the context of EPP Section 5.4.2) were required for 1996. A summary of the effluent data reported to the State of Washington on the monthly discharge monitoring reports is attached.

Should you have any questions or desire additional information regarding this matter, please call D.W. Coleman (509) 377-4342.

Respectfully,



D.A. Swank (Mail Drop PE20)  
Manager, Regulatory Affairs

Attachment: Table of 1996 effluent data

cc: LJ Callan - NRC RIV  
JE Dyer - NRC RIV  
KE Perkins, Jr. - NRC RIV WCFO  
TG Colburn - NRC NRR

NS Reynolds - Winston & Strawn  
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NRC Sr. Resident Inspector - 927N  
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# WNP-2 COOLING WATER BLOWDOWN DISCHARGES, 1996

Month	Days of Discharge	pH		TRC (mg/l)	Total Copper (µg/l)	Discharge Volume (millions of gallons)		
		Low	High			Total	Ave*	Max**
Jan	27	8.1	8.4	≤0.1	30	45.9	1.7	3.0
Feb	29	8.1	8.6	≤0.1	37	104.4	3.6	8.1
Mar	16	8.1	8.5	≤0.1	22	49.6	3.1	8.6
Apr	12	6.9	8.1	≤0.1	23	19.2	1.6	6.8
May	26	7.0	8.3	≤0.1	127	23.4	0.9	1.3
Jun	29	7.8	8.5	≤0.1	305	72.5	2.5	3.9
Jul	30	7.7	8.5	0.22***	134	48.0	1.6	3.8
Aug	31	7.6	8.7	≤0.1	58	58.9	1.9	7.5
Sep	30	8.1	8.5	≤0.1	44	84.0	2.8	7.5
Oct	31	7.8	8.5	≤0.1	67	52.7	1.7	4.8
Nov	30	8.1	8.4	≤0.1	64	63.0	2.1	3.9
Dec	31	7.6	8.6	≤0.1	60	62.0	2.0	5.1
Permit Limit		6.5	9.0	0.1	338		5.6	9.4

\* Average daily discharge during the month.

\*\* Maximum daily discharge during the month.

\*\*\* Permit exceedance July 27 reported to State of Washington.

