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SUBJECT: "1997 Annual Environmental Operating Rept."

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

Gentlemen:

Subject: **WNP-2 OPERATING LICENSE NPF-21
1997 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 1997 involved an unreviewed environmental question. An environmental evaluation was prepared for proposed changes in the chemical treatment program for controlling corrosion in the circulating water system. The changes involved water discharges regulated under the station's NPDES permit. No non-routine nonradiological reports (within the context of EPP Section 5.4.2) were required for 1997. 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 Mr. JP Chasse at (509) 377-4477.

Respectfully,

DW Coleman

DW Coleman (Mail Drop PE20)
Acting Manager, Regulatory Affairs

Attachment: Table of 1997 effluent data

cc: EW Merschoff - NRC RIV
KE Perkins, Jr. - NRC RIV WCFO
C Poslusny - NRC NRR
NRC Sr. Resident Inspector - 927N

PD Robinson - Winston & Strawn
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WNP-2 COOLING WATER BLOWDOWN DISCHARGES, 1997

| Month | Days of Discharge | pH | | TRC (mg/l) | Total Copper (μg/l) | Discharge Volume (millions of gallons) | | |
|--------------|-------------------|-----|------|------------|---------------------|--|------|-------|
| | | Low | High | | | Total | Ave* | Max** |
| Jan | 31 | 8.1 | 8.3 | ≤0.1 | 54 | 55.8 | 1.8 | 6.2 |
| Feb | 26 | 8.1 | 8.5 | ≤0.1 | 44 | 44.2 | 1.7 | 4.5 |
| Mar | 29 | 8.1 | 8.6 | ≤0.1 | 31 | 136.3 | 4.7 | 8.0 |
| Apr | 2 | 8.1 | 8.3 | ≤0.1 | 72 | 7.0 | 3.5 | 5.2 |
| May | 27 | 6.9 | 8.8 | ≤0.1 | 77 | 40.5 | 1.5 | 2.2 |
| Jun | 19 | 6.9 | 8.5 | ≤0.1 | 154 | 30.4 | 1.6 | 1.9 |
| Jul | 29 | 7.0 | 8.8 | ≤0.1 | 243 | 63.8 | 2.2 | 4.8 |
| Aug | 31 | 7.8 | 8.5 | ≤0.1 | 112 | 68.2 | 2.2 | 3.7 |
| Sep | 30 | 7.8 | 8.4 | ≤0.1 | 57 | 63.0 | 2.1 | 3.7 |
| Oct | 31 | 8.1 | 8.3 | ≤0.1 | 70 | 52.7 | 1.7 | 3.7 |
| Nov | 30 | 8.1 | 8.4 | ≤0.1 | 42 | 60.0 | 2.0 | 3.2 |
| Dec | 31 | 8.1 | 8.4 | ≤0.1 | 67 | 58.9 | 1.9 | 3.9 |
| 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.

