

ENERGY NORTHWEST

P.O. Box 968 ■ Richland, Washington 99352-0968

February 26, 2003
GO2-03-036

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Subject: **COLUMBIA GENERATING STATION**
DOCKET NO. 50-397
2002 ANNUAL ENVIRONMENTAL OPERATING REPORT

Dear Sir or Madam:

This letter is submitted per reporting requirements of Section 5.4.1 of the Columbia Generating Station Environmental Protection Plan (EPP; Appendix B to OL).

No design or operational changes or tests in 2002 involved an unreviewed environmental question. No non-routine nonradiological reports (within the context of EPP Section 5.4.2) were required for 2002. 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 report, please call J.P. Chasse at (509) 377-4477.

Respectfully,



D.W. Coleman, Manager
Performance Assessment & Regulatory Programs
(Mail Drop PE20)

Attachment: Table of 2002 effluent data

cc: EW Merschoff - NRC RIV
BJ Benney - NRC NRR
NRC Sr. Resident Inspector - 988C

TC Poindexter - Winston & Strawn
M Mills - EFSEC
RN Sherman - BPA/1399

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**COLUMBIA GENERATING STATION, OPERATING LICENSE NPF-21
2002 ANNUAL ENVIRONMENTAL OPERATING REPORT**

Attachment

**COLUMBIA GENERATING STATION
COOLING WATER BLOWDOWN DISCHARGES, 2002**

Month	Days of Discharge	pH		TRC (mg/l)	Total Copper (µg/l)	Discharge Volume (millions of gallons)		
		Low	High			Total	Ave*	Max**
Jan	31	8.6	8.9	<0.1	15	77.5	2.5	4.3
Feb	24	8.2	8.8	<0.1	10	50.4	2.1	4.2
Mar	31	8.6	8.8	<0.1	11	74.4	2.4	3.3
Apr	30	8.6	8.8	<0.1	8	96.0	3.2	5.6
May	30	8.5	8.8	<0.1	7	117.0	3.9	5.8
Jun	30	8.5	8.8	<0.1	8	102.0	3.4	5.8
Jul	31	8.6	8.7	<0.1	8	117.8	3.8	5.8
Aug	31	8.6	8.9	<0.1	9	133.3	4.3	5.7
Sep	30	8.6	8.9	<0.1	10	120.0	4.0	5.8
Oct	31	8.4	8.9	<0.1	11	124.0	4.0	5.5
Nov	30	8.6	8.7	<0.1	9	114.0	3.8	5.3
Dec	31	8.5	8.7	<0.1	9	114.7	3.7	4.8
Permit Limit	--	6.5	9.0	0.1	***	--	5.6	9.4

* Average daily discharge during the month.

** Maximum daily discharge during the month.

*** Copper limits are: 70 µg/l monthly ave, 108 µg/l daily max, Dec – Feb
223 µg/l monthly ave, 345 µg/l daily max, Mar – Nov