

**ENERGY
NORTHWEST**

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

March 30, 2004
GO2-04-049

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

Subject: **COLUMBIA GENERATING STATION, DOCKET NO. 50-397
2003 ANNUAL ENVIRONMENTAL OPERATING REPORT**

Dear Sir or Madam:

This letter is submitted per the reporting requirements of Section 5.4.1 of the Columbia Generating Station Environmental Protection Plan (EPP; Appendix B to Operating License NPF-21).

There were no EPP noncompliances in 2003 and there were no design or operational changes or tests that involved an unreviewed environmental question. No non-routine nonradiological reports (within the context of EPP Section 5.4.2) were required for 2003. 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 JP Chasse at (509) 377-4477.

Respectfully,



DW Coleman
Manager, Regulatory Programs
Mail Drop PE20

Attachment: Table of 2003 effluent data

cc: BS Mallett - NRC RIV
BJ Benney - NRC NRR
NRC Sr. Resident Inspector - 988C

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

IE25

**COLUMBIA GENERATING STATION, OPERATING LICENSE NPF-21
2003 ANNUAL ENVIRONMENTAL OPERATING REPORT**

Attachment

**COLUMBIA GENERATING STATION
COOLING WATER BLOWDOWN DISCHARGES, 2003**

Month	Days of Discharge	pH		TRC (mg/l)	Total Copper (µg/l)	Discharge Volume (millions of gallons)		
		Low	High			Total	Ave*	Max**
Jan	31	8.7	8.7	<0.1	5.9	114.7	3.7	4.8
Feb	28	8.4	8.7	<0.1	5.8	100.8	3.6	4.5
Mar	20	8.4	8.9	<0.1	12	66.0	3.3	4.7
Apr	29	8.7	8.9	<0.1	200	127.6	4.4	8.4
May	26	7.1	8.8	<0.1	21	59.8	2.3	3.1
Jun	30	7.6	8.6	<0.1	120	51.0	1.7	2.9
Jul	31	8.2	8.9	<0.1	100	46.5	1.5	3.6
Aug	31	8.1	8.9	<0.1	30	49.6	1.6	2.2
Sep	30	7.9	8.4	<0.1	17	48.0	1.6	2.1
Oct	31	7.9	8.5	<0.1	15	46.5	1.5	2.3
Nov	29	8.0	8.3	<0.1	17	43.5	1.5	2.0
Dec	31	7.6	8.2	<0.1	12	43.4	1.4	1.8
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