

**ENERGY
NORTHWEST**

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

March 19, 2002
GO2-02-047

Docket No. 50-397

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

Gentlemen:

Subject: **COLUMBIA GENERATING STATION, OPERATING LICENSE NPF-21
2001 ANNUAL ENVIRONMENTAL OPERATING REPORT**

Reference: Letter dated April 24, 2001, DW Coleman (Energy Northwest) to Document
Control Desk (USNRC), "Notification of NPDES Permit Renewal"

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 2001 involved an unreviewed environmental question.
No non-routine nonradiological reports (within the context of EPP Section 5.4.2) were required for
2001. In April 2001 the station NPDES permit was renewed by the State of Washington. As
required by EPP Section 3.2, a copy of the permit was forwarded to the NRC with the referenced
letter. 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 2001 effluent data

cc: EW Merschoff - NRC RIV
JS Cushing - NRC NRR
NRC Sr. Resident Inspector - 988C

TC Poindexter - Winston & Strawn
M Mills - EFSEC
DL Williams - BPA/1399

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**COLUMBIA GENERATING STATION, OPERATING LICENSE NPF-21
2001 ANNUAL ENVIRONMENTAL OPERATING REPORT**

Attachment

**COLUMBIA GENERATING STATION
COOLING WATER BLOWDOWN DISCHARGES, 2001**

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	8.9	<0.1	12	71.3	2.3	3.6
Feb	28	8.8	8.9	<0.1	13	56.0	2.0	2.4
Mar	31	8.7	8.9	<0.1	6	93.0	3.0	6.5
Apr	30	8.6	8.8	<0.1	9	120.0	4.0	5.8
May	29	7.4	8.7	<0.1	6	104.4	3.6	5.8
Jun	30	7.8	8.5	<0.1	13	78.0	2.6	5.8
Jul	28	7.9	8.9	<0.1	19	103.6	3.7	5.6
Aug	31	7.8	8.9	<0.1	15	105.4	3.4	5.8
Sep	30	6.8	8.4	<0.1	8	132.0	4.4	5.8
Oct	31	6.7	8.6	<0.1	36	127.1	4.1	5.3
Nov	30	8.4	8.6	<0.1	44	99.0	3.3	5.2
Dec	31	8.5	8.9	<0.1	13	89.9	2.9	5.4
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