



ENERGY NORTHWEST

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GO2-10-065

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

Subject: **COLUMBIA GENERATING STATION, DOCKET NO. 50-397
2009 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 2009 and there were no design or operational changes or tests that involved an unreviewed environmental question. No non-routine, non-radiological reports (within the context of EPP Section 5.4.2) were required for 2009. A summary of the effluent data reported to the State of Washington on the monthly discharge monitoring reports is attached.

There are no commitments being made to the NRC by this letter. Should you have any questions or desire additional information regarding this report, please call DR Coody at (509) 377-6113.

Respectfully,

SK Gambhir
Vice President, Technical Services

Attachment

cc: NRC Region IV Administrator
NRC NRR Project Manager
NRC Sr. Resident Inspector - 988C
RN Sherman - BPA/1399
WA Horin - Winston & Strawn

TEAS
NRR

2009 ANNUAL ENVIRONMENTAL OPERATING REPORT

Attachment

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COLUMBIA GENERATING STATION COOLING WATER BLOWDOWN DISCHARGES, 2009

Month	Days of Discharge	pH		Total Residual Halogen (mg/L)	Maximum Total Copper (µg/L)	Discharge Volume (millions of gallons)	
		Low	High			Average*	Maximum**
Jan	31	8.2	8.3	≤0.1	30	3.9	5.0
Feb	26	7.9	8.4	≤0.1	12	3.6	5.0
Mar	31	8.0	8.6	≤0.1	12	4.6	6.8
Apr	30	8.1	8.6	≤0.1	11	3.8	6.3
May	29	7.4	8.5	≤0.1	24	2.6	4.8
Jun	28	7.2	8.5	≤0.1	19	2.8	4.9
Jul	31	8.0	8.7	≤0.1	27	3.4	5.7
Aug	20	6.8	8.3	≤0.1	53	1.5	2.9
Sep	30	8.0	8.3	≤0.1	44	1.7	5.5
Oct	31	8.0	8.4	≤0.1	47	1.5	2.0
Nov	30	8.1	8.3	≤0.1	20	1.7	2.9
Dec	31	8.1	8.4	≤0.1	27	1.6	2.4
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 average, 108 µg/L daily max, Dec – Feb
223 µg/L monthly average, 345 µg/L daily max, Mar – Nov