ENERGY NORTHWEST

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April 28, 2015

GO2-15-064

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

Subject: **COLUMBIA GENERATING STATION, DOCKET NO. 50-397**
2014 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 Facility Operating License No. NPF-21).

There were no EPP noncompliances in 2014 and there were no changes in station design or operation, tests, and experiments that involved an unreviewed environmental question. No non-routine, non-radiological reports (within the context of EPP Section 5.4.2) were required for 2014. A summary of the effluent data reported to the State of Washington Energy Facility Site Evaluation Council 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 BC Barfuss at (509) 377-4541.

Respectfully,

Robert A. Dutton,
General Counsel and Chief Ethics Officer

Attachment

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

RAD/nb

COLUMBIA GENERATING STATION
COOLING WATER BLOWDOWN DISCHARGES, 2014

Month	Days of Discharge	pH		Total Residual Halogen	Maximum Total (µg/L)			Discharge Volume (millions of gallons)	
		Low	High	(mg/L)	Copper	Chromium	Zinc	Average[a]	Maximum[b]
Jan	31	8.3	8.6	≤0.1	7.0	<1.0	14	1.6	2.1
Feb	28	8.3	8.7	≤0.1	6.9	<1.0	16	1.6	2.2
Mar	31	7.6	8.6	≤0.1	7.5	<1.0	19	1.7	2.8
Apr	30	8.2	8.5	≤0.1	7.6	<1.0	16	1.7	2.8
May	31	7.8	8.4	≤0.1	10	<1.0	18	1.7	2.5
Jun	30	7.4	8.5	≤0.1	11	<1.0	20	3.1	5.2
Jul	31	8.1	8.5	≤0.1	5.5	<1.0	7.8	3.7	6.7
Aug	31	7.8	8.5	≤0.1	11	1.8	28	2.6	5.1
Sep	30	8.2	8.4	≤0.1	8.0	1.3	17	1.6	2.5
Oct	31	8.1	8.4	≤0.1	11	1.1	14	1.7	2.9
Nov[c]	30	8.1	8.4	≤0.1	11	1.7	21	1.6	3.5
Dec	31	8.2	8.4	≤0.1	13	<1.0	19	1.7	3.3
Permit Limit		6.5	9.0	0.1	[d]	[e]	[f]	5.6	9.4

[a] Average daily discharge for the month
[b] Maximum daily discharge during the month
[c] NPDES permit reissued, effective date November 1, 2014. Limits for chromium and zinc added, copper removed.
[d] 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
[e] Chromium limits are: 8.2 µg/L monthly average, 16.4 µg/L daily max
[f] Zinc limits are: 53 µg/L monthly average, 107 µg/L daily max