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

ELECTRONIC SUBMITTAL ONLY

Subject: **COLUMBIA GENERATING STATION, DOCKET NO. 50-397**
2015 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 2015 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 2015. 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
WA Horin (Winston & Strawn)

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RRN/lb		RAD/lb	PE13	Columbia Files	964Y
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Attachment

Page 1 of 1

COLUMBIA GENERATING STATION COOLING WATER BLOWDOWN DISCHARGES, 2015

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	8.1	8.4	≤0.1	13	1.0	21	1.5	2.9
Feb	28	8.1	8.3	≤0.1	14	1.1	27	1.7	2.5
Mar	31	8.1	8.3	≤0.1	9.0	<1.0	22	2.9	5.7
Apr	30	8.1	8.3	≤0.1	7.4	<1.0	16	2.2	5.6
May	31	7.4	8.3	≤0.1	11	<1.0	24	2.1	4.6
Jun	25	7.6	8.4	^(c)	17	<1.0	12	1.8	4.9
Jul	31	7.9	8.3	≤0.1	12	<1.0	6.7	3.5	4.8
Aug	31	8.0	8.2	≤0.1	12	1.8	7.9	4.5	6.7
Sep	30	8.0	8.2	≤0.1	12	<1.0	8.4	3.6	5.5
Oct	31	7.8	8.3	≤0.1	18	1.6	13	1.8	2.7
Nov	30	7.8	8.3	≤0.1	16	<1.0	12	1.5	2.5
Dec	31	7.9	8.3	≤0.1	20	1.3	17	1.6	2.1
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) Refueling and Maintenance outage in progress, no halogenation periods in June

^(d) No permit limit for copper

^(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