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April 27, 2017
GO2-17-090

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

Dear Sir or Madam:

Subject: **COLUMBIA GENERATING STATION, DOCKET NO. 50-397
2016 ANNUAL ENVIRONMENTAL OPERATING REPORT**

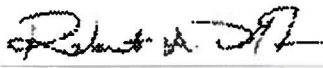


This letter is submitted per the reporting requirements of Section 5.4.1 of the Columbia Generating Station Environmental Protection Plan (EPP) Appendix B to the Facility Operating License No. NPF-21.

There were no EPP noncompliances in 2016 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 2016. A summary of the effluent data reported to the State of Washington Energy Facility Site Evaluation Council (EFSEC) 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 contact WK Whitehead at (509) 377-8794.

Respectfully,

26/04/17 17:27:23 -07:00

X  
Dutton, Robert A., General Counsel 

Robert A. Dutton
General Counsel and Chief Ethics Officer

GO2-17-090

Page 2 of 2

Attachment – as stated

cc: NRC Region IV Administrator
NRC NRR Project Manager
NRC Sr. Resident Inspector (988C)
C Sonoda – BPA/1399
WA Horin (Winston & Strawn)

2016 ANNUAL ENVIRONMENTAL OPERATING REPORT

Attachment

Page 1 of 1

**COLUMBIA GENERATING STATION
2016 COOLING WATER BLOWDOWN DISCHARGES**

Month	Days of Discharge	pH		Total Residual Halogen (mg/L)	Maximum Total (ug/L)			Discharge Volume (millions of gallons)	
		Low	High		Copper	Chromium	Zinc	Average ^(a)	Maximum ^(b)
Jan	31	7.9	8.3	<0.1	15	1.1	18	1.7	2.4
Feb	28	7.9	8.3	<0.1	13	<1.0	11	1.7	2.2
Mar	31	7.9	8.3	<0.1	13	<1.0	<2.0	1.9	5.4
Apr	30	7.9	8.3	<0.1	16	<1.0	19	1.7	2.7
May	31	7.6	8.4	<0.1	19	<1.0	21	1.6	2.7
Jun	30	7.7	8.4	<0.1	16	<1.0	15	1.9	4.8
Jul	31	7.6	8.3	<0.1	21	1.6	31	2.5	5.5
Aug	31	7.8	8.5	<0.1	11	2.3	11	3.0	5.5
Sep	30	8.0	8.3	<0.1	13	1.1	12	1.6	2.6
Oct	31	8.2	8.3	<0.1	13	<1.0	14	1.9	4.3
Nov	30	7.9	8.4	<0.1	19	1.2	21	1.4	2.9
Dec	31	7.9	8.6	<0.1	18	<1.0	19	1.5	2.4
Permit Limit		6.5	9.0	0.1	(c)	(d)	(e)	5.6	9.4

(a) Average daily discharge for the month

(b) Maximum daily discharge for the month

(c) No permit limit for copper

(d) Chromium limits are: 8.2 ug/L monthly average, 16.4 ug/L daily maximum

(e) Zinc limits are: 53 ug/L monthly average, 107 ug/L daily maximum