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April 28, 2016
 GO2-16-066
 DIC 1316.13

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)

| INTERNAL DISTRIBUTION: | | | FILE COPY | |
|------------------------|------|-------------|-----------|---------------------|
| RRN/lb | | RAD/lb | PE13 | Columbia Files 964Y |
| BC Barfuss | PE03 | Docket File | PE20 | DIC 1316.13 |

2015 ANNUAL ENVIRONMENTAL OPERATING REPORT

Attachment

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COLUMBIA GENERATING STATION COOLING WATER BLOWDOWN DISCHARGES, 2015

| Month | Days of Discharge | pH | | Total Residual Halogen (mg/L) | Maximum Total (µg/L) | | | Discharge Volume (millions of gallons) | |
|--------------|-------------------|-----|------|-------------------------------|----------------------|----------------|----------------|--|------------------------|
| | | Low | High | | 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