VIA E-Mail
RETURN RECEIPT REQUESTED

November 2, 2017

Ms. Beverley Carver
Department of Environmental Quality
Valley Regional Office
4411 Early Road
Harrisonburg, VA 22801

RE: Dominion Bremo Power Station VA0004138
Weekly Discharge Monitoring and Site Activity Report

Ms. Carver:

Dominion is submitting this letter in accordance with Part I.A.9.h. of the subject permit. Information related to discharge sampling activities for Outfall 504 conducted during the week of October 22 – October 28, 2017 is included on the enclosed Weekly Compliance Sampling Summary. There was no discharge from Outfalls 501, 502, 503, or 505 during this period. In addition to the Weekly Compliance Sampling Summary, this submission includes a status report summarizing the activities related to the CCR Surface Impoundment Closure Project and the October Enhanced Metals Treatment Log.

If you have any questions or need additional information, please contact Rick Woolard at 434-581-6225.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

William Reed
Director, Power Generation Station II

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name: Bremo Power Station
Permit Number: VA0004138
Outfall Number: 504

Sample Week: 10/22/17 - 10/28/17
Report Due Date: November 3, 2017

			Sample Date	10/22/2017	10/24/2017	10/26/17
			Analytical Report Date	10/30/2017[1]	10/30/2017	10/31/17
Parameter	**Units**	**Permit QL**	**Daily Maximum Limitation**	**Result**	**Result**	**Result**
Estimated Flow	MGD	-	-	0.687	0.732	0.703
pH	S.U.	NA	9.0	7.8	7.8	7.8
Total Suspended Solids	mg/L	1.0	100.0	1.2	< QL	1.3
Oil & Grease	mg/L	5.0	20.0	< QL	< QL	< QL
Antimony, Total Recoverable	ug/L	5.0	2,100	< QL	< QL	< QL
Arsenic, Total Recoverable	ug/L	5.0	530	< QL	< QL	< QL
Cadmium, Total Recoverable	ug/L	1.0	3.2	< QL	< QL	< QL
Chromium III, Total Recoverable	ug/L	5.0	220	< QL	< QL	< QL
Chromium VI, Total Recoverable	ug/L	5.0	34	< QL	< QL	< QL
Copper, Total Recoverable	ug/L	5.0	23	< QL	< QL	< QL
Lead, Total Recoverable	ug/L	5.0	35	< QL	< QL	< QL
Mercury, Total Recoverable	ug/L	0.1	2.8	< QL	< QL	< QL
Nickel, Total Recoverable	ug/L	5.0	57	5.4	5.2	5.2
Selenium, Total Recoverable	ug/L	5.0	18	< QL	< QL	< QL
Silver, Total Recoverable	ug/L	0.4	5.0	< QL	< QL	< QL
Thallium, Total Recoverable	ug/L	1.0	1.4	< QL	< QL	< QL
Zinc, Total Recoverable	ug/L	25	210	< QL	< QL	< QL
Chloride	mg/L	10	820	85.6	41.4	56.3
Ammonia-N	mg/L	0.20	14	< QL	< QL	< QL
Hardness	mg/L	NA	NL	269	263	235

Notes:

pH values must remain between a minimum of 6 S.U. and a maximum of 9 S.U. pH values are measured in the field.
Analytical results below the permit Quantification Level (QL) are to be reported as "<QL," as required in Section I.C.2 of the Permit
QL = Quantification Level
NA = Not Applicable
NL = No Limitation, monitoring required
ND = No Discharge during monitoring period

[1] A contract is in place to receive results for parameters identified in the VPDES permit with a monitoring frequency of "3/wk" within four business days of taking the sample. The original analytical report for the 10/22/2017 sampling events were received on 10/25/2017. Due to a laboratory reporting error, revised reports were issued on 10/30/2017.

Dominion – Bremo Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 10/28/2017
• 3.60 MG Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002. • 0.91 MG Stormwater Management Pond water was filtered and discharged via Outfall 002.

Ongoing Activities
• Temporary rain cover and "Wind Defender" cover installation in the North Pond. • Transport of material from the East Pond to the North Pond. • Installation of wells and headers in the North and East Ponds. • Pumping of water (filtered) from the Stormwater Management Pond to Outfall 002. • Discharge of CSWTS-treated water to Outfall 002. • Confirmation of no discharge at Outfall 004.

Look Ahead
• Demolition of the concrete basin adjacent to the Outfall 004 concrete vault and the steel pipeline that ends at the concrete basin. • Demolition of the Outfall 004 concrete vault, which contains the outfall's weir. Decommissioning of the weir will constitute retirement of the outfall. • Sealing of the steel pipe that exits the Outfall 004 vault. • Provide notification to DEQ within 7 days of Outfall 004 retirement in accordance with Condition I.G.20 of the VPDES permit. This notification will be made within 7 days of decommissioning the outfall weir as described above.

Bremo Power Station

Enhanced Metals Treatment Log 2017			
Date	ON (Time)	OFF (Time)	Reason(s) for Enhanced Treatment Activation
1-Oct	07:57	18:30	*EMT ON 07:57 upon CSWTS startup at beginning of day shift. EMT OFF 18:30 due to CSWTS being shut down for the night.*
2-Oct	07:55	18:40	*EMT ON 07:55 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
3-Oct	07:40	18:40	*EMT ON 07:40 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
4-Oct	07:35	18:40	*EMT ON 07:35 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
5-Oct	06:15	06:35	*EMT ON 06:15 upon CSWTS startup at beginning of day shift. EMT OFF 06:35 temporarily, while verifying lab readiness.*
	07:25	18:40	*EMT ON 07:25 after brief shutdown. EMT OFF 18:40 due to CSWTS being shut down for the night.*
6-Oct	06:35	18:45	*EMT ON 06:35 upon CSWTS startup at beginning of day shift. EMT OFF 18:45 due to CSWTS being shut down for the night.*
7-Oct	06:45	18:50	*EMT ON 06:45 upon CSWTS startup at beginning of day shift. EMT OFF 18:50 due to CSWTS being shut down for the night.*
8-Oct	07:05	18:45	*EMT ON 07:05 upon CSWTS startup at beginning of day shift. EMT OFF 18:45 due to CSWTS being shut down for the night.*
9-Oct	06:35	18:45	*EMT ON 06:35 upon CSWTS startup at beginning of day shift. EMT OFF 18:45 due to CSWTS being shut down for the night.*
10-Oct	06:40	18:46	*EMT ON 06:40 upon CSWTS startup at beginning of day shift. EMT OFF 18:46 due to CSWTS being shut down for the night.*
11-Oct	06:55	18:40	*EMT ON 06:55 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
12-Oct	06:40	18:30	*EMT ON 06:40 upon CSWTS startup at beginning of day shift. EMT OFF 18:30 due to CSWTS being shut down for the night.*
13-Oct	06:45	18:15	*EMT ON 06:45 upon CSWTS startup at beginning of day shift. EMT OFF 18:15 due to CSWTS being shut down for the night.*
14-Oct	06:43	18:45	*EMT ON 06:43 upon CSWTS startup at beginning of day shift. EMT OFF 18:45 due to CSWTS being shut down for the night.*
15-Oct	06:51	18:40	*EMT ON 06:51 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
16-Oct	06:34	18:40	*EMT ON 06:34 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
17-Oct	06:36	18:45	*EMT ON 06:36 upon CSWTS startup at beginning of day shift. EMT OFF 18:45 due to CSWTS being shut down for the night.*
18-Oct	06:33	18:20	*EMT ON 06:33 upon CSWTS startup at beginning of day shift. EMT OFF 18:20 due to CSWTS being shut down for the night.*
19-Oct		X	
20-Oct		X	
21-Oct		X	
22-Oct		X	
23-Oct	11:10	14:15	*EMT ON 11:10 due to the selenium trigger value being reached. EMT OFF 14:15 due to CSWTS being shut down early during monthly lab maintenance.*
24-Oct	07:13	18:44	*EMT ON 07:13 upon CSWTS startup at beginning of day shift. EMT OFF 18:44 due to CSWTS being shut down for the night, as well as after all parameters were below trigger values for four consecutive process samples.*
25-Oct		X	
26-Oct		X	
27-Oct	10:40	18:45	*EMT ON 10:40 due to the selenium trigger value being reached. EMT OFF 18:45 due to CSWTS being shut down for the night.*
28-Oct	07:20	18:40	*EMT ON 07:20 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
29-Oct	07:25	18:40	*EMT ON 07:25 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
30-Oct	06:40	18:40	*EMT ON 06:40 upon CSWTS startup at beginning of day shift. EMT OFF 18:40 due to CSWTS being shut down for the night.*
31-Oct	06:40	13:00	*EMT ON 06:40 upon CSWTS startup at beginning of day shift. EMT OFF 13:00 after all parameters were below trigger values for three consecutive process samples.*

Notes: All On/Off times are approximate
Pond water treatment normally operates 7:00 am to 7:00 pm