Via E-Mail
RETURN RECEIPT REQUESTED

September 1, 2016

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 August 21– August 27, 2016 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.

If you have any questions or need additional information, please contact Taylor Engen at 434-842-4104.

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

Sample Week: 8/21/16 - 8/27/16

Permit Number: VA0004138

Report Due Date: September 2, 2016

Outfall Number: 504

			Sample Date	08/22/2016	08/24/2016	08/27/2016
			Analytical Report Date	8/24/2016	08/25/2016	8/31/2016
Parameter	**Units**	**Permit QL**	**Daily Maximum Limitation**	**Result**	**Result**	**Result**
Estimated Flow	MGD	-	-	0.755	0.781	0.502
pH	S.U.	NA	9.0	7.8	8.0	8.0
Total Suspended Solids	mg/L	1.0	100.0	< QL	< QL	< QL
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	66.4	65.2	74.7
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	< QL	< QL	< QL
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	43.9	31.4	41.0
Ammonia-N	mg/L	0.20	14	< QL	< QL	< QL
Hardness	mg/L	NA	NL	120	131	139

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

Dominion – Bremo Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 8/27/2016
• 2.03 MG of Centralized Source Water Treatment System (CSWTS)-treated water was discharged via Outfall 002. • 4.36 MG water from the Stormwater Management Pond was filtered and discharged via Outfall 002.

Ongoing Activities
• Transport of material from the West Pond to the North Pond. • Installation of wellpoints and headers in the North Pond. • 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
• Obtain agreement on proposed compliance sampling strategies during low discharge conditions per Dominion July 28, 2016 email submittal to DEQ.