Dominion Generation
19000 Possum Point Road, Dumfries, VA 22026

BY ELECTRONIC MAIL

October 06, 2016

Ms. Susan Mackert
Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

RE: Dominion Possum Point Power Station VA0002071
Outfall 503 Weekly Discharge Monitoring and Site Activity Report

Ms. Mackert:

Dominion is submitting this letter in accordance with Part I.A.4.(5) of the subject permit. Results of discharge sampling for Outfall 503 conducted during the week of September 25 – October 1, 2016, are included on the enclosed Weekly Compliance Sampling Summary. This submittal also includes a monthly log of Enhanced Metals Treatment associated with the water released via Outfall 503. In addition, a progress report summarizing the status of activities to the CCR Surface Impoundment Closure Project is attached with this report.

Also attached to this report is the corrected Weekly Compliance Sampling Report for the week of August 26 – September 3, 2016. The report was corrected to reflect an hour of discharge flow that occurred on September 1, 2016. The previous report submitted on September 9, 2016 indicated no discharge on September 1.

If you have any questions or need additional information, please contact Jeff Marcell at (703)-441-3813.

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,

Jeffrey C. Heffleman
Station Director

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name: POSSUM POINT POWER STATION
Permit Number: VA0002071
Outfall Number: 503

Sample Week: 9/25/16 - 10/1/16
Report Due Date: 10/7/2016

				Sample Date	NA	NA	NA
				Analytical Report Date	NA	NA	NA
Parameter	Units	Frequency	Permit QL	Daily Maximum Limitation	Result	Result	Result
Flow	MGD	Weekly	NA	2.88	0.000	0.000	0.000
pH*	S.U.	Weekly	NA	9.0	ND	ND	ND
Total Suspended Solids	mg/L	Weekly	1.0	100	ND	ND	ND
Oil & Grease	mg/L	Weekly	NA	20	ND	ND	ND
Antimony, Total Recoverable	ug/L	Weekly	5.0	1,300	ND	ND	ND
Arsenic, Total Recoverable	ug/L	Weekly	5.0	440	ND	ND	ND
Cadmium, Total Recoverable	ug/L	Weekly	0.88	2.6	ND	ND	ND
Chromium III, Total Recoverable	ug/L	Weekly	5.0	160	ND	ND	ND
Chromium VI, Total Recoverable	ug/L	Weekly	5.0	32	ND	ND	ND
Copper, Total Recoverable	ug/L	Weekly	5.0	18	ND	ND	ND
Lead, Total Recoverable	ug/L	Weekly	5.0	26	ND	ND	ND
Mercury, Total Recoverable	ug/L	Weekly	0.1	2.2	ND	ND	ND
Nickel, Total Recoverable	ug/L	Weekly	5.0	44	ND	ND	ND
Selenium, Total Recoverable	ug/L	Weekly	5.0	15	ND	ND	ND
Silver, Total Recoverable	ug/L	Weekly	0.4	4.0	ND	ND	ND
Thallium, Total Recoverable	ug/L	Weekly	0.47	0.94	ND	ND	ND
Zinc, Total Recoverable	ug/L	Weekly	25	180	ND	ND	ND
Chloride	ug/L	Weekly	NA	670,000	ND	ND	ND
Hardness, Total (as CaCO3)	mg/L	Weekly	NA	NL	ND	ND	ND

Notes:

*pH values must remain between a minimum of 6.0 S.U. and a maximum of 9.0 S.U. at all times. 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 Permi

QL = Quantification Level

NA = Not Applicable

ND = No discharge during the monitoring period

NL = No Limitation, monitoring required

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Dominion – Possum Point Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 10/1/16
• No discharge of Wastewater Treatment System treated water via outfall 503 due to ongoing treatment system maintenance activities planned to continue for the remainder of October.

Ongoing Activities
• Pumping of water from Ponds A, B, C and E to Pond D. • Excavating of dry ash from Pond E within the pond footprint to facilitate loading operations. • Transport of ash from Ponds A,B,C and E to Pond D. • Stock piling of dry ash from Ponds A, B, and C within the pond footprint to facilitate loading operations. • Installation of groundwater monitoring wells for compliance with CCR and VSWMR requirements

Look Ahead
• Installation of additional office trailer at Pond D. • Initiate geotechnical investigation in Pond E to facilitate identification of location for Wastewater Treatment System storage tanks.

Possum Point Power Station
Enhanced Metals Treatment Activation Log - September 2016

Date	Activated Alumina			Cation Exchange Resin		
	Time On	Time Off	Reason(s) for Activation	Time On	Time Off	Reason(s) for Activation
9/1/2016		X (0250)	Treatment system and EMT taken out of service upon elimination of discharge		X (0250)	Treatment system and EMT taken out of service upon elimination of discharge
9/2/2016			No discharge			No discharge
9/3/2016						
9/4/2016						
9/5/2016						
9/6/2016						
9/7/2016						
9/8/2016						
9/9/2016						
9/10/2016						
9/11/2016						
9/12/2016						
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9/18/2016						
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9/20/2016						
9/21/2016						
9/22/2016						
9/23/2016						
9/24/2016						
9/25/2016						
9/26/2016						
9/27/2016						
9/28/2016						
9/29/2016						
9/30/2016						

Notes:
EMT = Enhanced Metals Treatment
AA = Activated Alumina

WEEKLY COMPLIANCE SAMPLING SUMMARY

Facility Name: POSSUM POINT POWER STATION
Permit Number: VA0002071
Outfall Number: 503

Sample Week: 8/28/16 - 9/03/16
Report Due Date: 9/9/2016

				Sample Date	8/28/2016	8/30/2016	9/1/2016
				Analytical Report Date	8/31/2016	9/1/2016	NA
Parameter	**Units**	**Frequency**	**Permit QL**	**Daily Maximum Limitation**	**Result**	**Result**	**Result**
Flow	MGD	Weekly	NA	2.88	0.828	0.831	0.094
pH*	S.U.	Weekly	NA	NA	7.11	6.85	ND
Total Suspended Solids	mg/L	Weekly	1.0	100	< QL	< QL	ND
Oil & Grease	mg/L	Weekly	NA	20	< 5.0	< 5.0	ND
Antimony, Total Recoverable	ug/L	Weekly	5.0	1300	< QL	< QL	ND
Arsenic, Total Recoverable	ug/L	Weekly	5.0	440	< QL	< QL	ND
Cadmium, Total Recoverable	ug/L	Weekly	0.88	2.6	< QL	< QL	ND
Chromium III, Total Recoverable	ug/L	Weekly	5.0	160	< QL	< QL	ND
Chromium VI, Total Recoverable	ug/L	Weekly	5.0	32	< QL	< QL	ND
Copper, Total Recoverable	ug/L	Weekly	5.0	18	< QL	< QL	ND
Lead, Total Recoverable	ug/L	Weekly	5.0	26	< QL	< QL	ND
Mercury, Total Recoverable	ug/L	Weekly	0.1	2.2	< QL	< QL	ND
Nickel, Total Recoverable	ug/L	Weekly	5.0	44	< QL	< QL	ND
Selenium, Total Recoverable	ug/L	Weekly	5.0	15	< QL	< QL	ND
Silver, Total Recoverable	ug/L	Weekly	0.4	4.0	< QL	< QL	ND
Thallium, Total Recoverable	ug/L	Weekly	0.47	0.94	< QL	< QL	ND
Zinc, Total Recoverable	ug/L	Weekly	25	180	< QL	< QL	ND
Chloride	ug/L	Weekly	NA	670,000	89,600	90,000	ND
Hardness, Total (as CaCO3)	mg/L	Weekly	NA	NL	172	176	ND

Notes:

*pH values must remain between a minimum of 6.0 S.U. and a maximum of 9.0 S.U. at all times. 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 Permi

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NR = Not Required. Discharge was terminated by 0100 hrs on 9/1/2016. 48 hours had not elapsed since the last sampling event and the flow duration was not sufficient to support a sampling event.