Dominion Generation
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Dominion®

BY ELECTRONIC MAIL

September 9, 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 August 28 – September 2, 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.

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 R. Marcell
Environmental Supervisor

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	ND
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 Permit
QL = Quantification Level
NA = Not Applicable
ND = No discharge during the monitoring period
NL = No Limitation, monitoring required

Possum Point Power Station Enhanced Metals Treatment Activation Log - August 2016			
Date	**ON (Time)**	**OFF (Time)**	**Reason(s) for Enhanced Treatment Activation**
1-Aug			ND
2-Aug			ND
3-Aug			ND
4-Aug			ND
5-Aug	X (15:45)		**15:45 -** Treatment system started with Enhanced Treatment activated
6-Aug	X		
7-Aug	X		
8-Aug	X		
9-Aug	X		
10-Aug	X		
11-Aug	X		
12-Aug	X		
13-Aug	X		
14-Aug	X		
15-Aug	X		
16-Aug	X		
17-Aug	X		
18-Aug			ND
19-Aug			ND
20-Aug			ND
21-Aug	X (4:45)		**4:45 -** Treatment system started with Enhanced Treatment activated
22-Aug	X		
23-Aug	X		
24-Aug			ND
25-Aug	X (13:15)		**13:15 -** Treatment system started with Enhanced Treatment activated
26-Aug	X		
27-Aug	X		
28-Aug	X		
29-Aug	X		
30-Aug	X		
31-Aug	X		

NOTES: 1) All On/Off times are approximate
2) ND = No Discharge

Dominion – Possum Point Power Station

CCR Impoundment Closure Project

Weekly Status Report

Activities for the Week Ending: 9/3/16
• Discharge of approximately 2.743 MG of Wastewater Treatment System treated water via outfall 503. • Discharges from the Wastewater Treatment System occurred Sunday through Thursday this week. Weekly compliance samples were collected on Sunday and Tuesday. • Initiated movement of ash from Ponds A, B, and C to Pond D on Tuesday, August 30, 2016.

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.

Look Ahead
• Obtain agreement on appropriate compliance sampling strategies during low discharge conditions per Dominion July 28, 2016 email submittal to DEQ.