



Antonio D. Price, PE  
Plant General Manager  
Asheville Combined Cycle Station

January 30, 2020

File 12520

ELECTRONIC SUBMITTAL

**Duke Energy Progress**  
ASVL PLT | 46 Duke Energy Lane  
Arden, NC 28704

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Ms. Linda Culpepper, Interim Director  
North Carolina Division of Water Resources  
E-mail Address: [desocdata@ncdenr.gov](mailto:desocdata@ncdenr.gov)

**Subject: Duke Energy Progress, LLC  
Asheville Plant  
EMC SOC WQ S17-010  
NPDES Permit NC0000396  
4th Quarter 2019 - Monitoring Data Results**

Dear Ms. Culpepper:

In accordance with paragraph 2. d. 3) of the NC Environmental Management Commission Special Order by Consent, EMC SOC WQ S17-010, Duke Energy Progress, LLC is hereby submitting the monitoring results for the 4th quarter of 2019.

Results from November 7, 2019 monitoring were in exceedance of the interim action level (IAL) at seep locations E-01 and F-01. These two seep locations were resampled on December 27, 2019 with the results being in compliance with the IALs. A re-assessment was conducted within 60 days of receipt of the November 7, 2019 results. The re-assessment report was submitted to your office on January 20, 2020. The findings of the re-assessment concluded that the IALs were exceeded due to non-Coal Combustion Residual materials slated for removal as part of station demolition. The exceedances were not related to influence on the sampling locations from the ash basins.

If you have any questions, please contact Mr. Robert Wylie (704) 382-4669 or Ms. Teresa Williams (828) 650-0610.

*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 fines and imprisonment for knowing violations.*

Sincerely,

Antonio D. Price, PE  
Asheville Station Manager

Enclosures

Duke Energy Carolinas, LLC - Asheville Steam Station  
Special Order by Consent - SOC No. S17-010  
Monitoring Report for 4th Quarter of 2019

SAMPLING LOCATION	Date Sampled	TSS*	Oil and Grease*	pH	Fluoride	Mercury	Barium	Zinc	Arsenic	Boron	Cadmium	Chromium	Copper	Thallium	Lead	Nickel	Selenium	Nitrate/Nitrite as N	Bromides	Sulfates	Chlorides	TDS	Total Hardness	Temperature	Conductivity
		-	-	-	-	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	-	-	-	-	-	Total	-	-
		mg/L	mg/L	SU	ug/L	ng/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C
A-01	11/7/2019			6.2	< 100	6.95	83	< 5	< 1	492	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	1.43	0.74	0.12	42	28	135	77.4	13	229
B-01	11/7/2019			0	< 500	3.86	63	9.78	< 1	3410	0.103	< 1	< 1	< 0.2	< 0.2	4.77	< 1	0.33	0.78	180	120	577	380	14	814
C-01	11/7/2019			6	< 1000	2.85	46	14.4	< 1	3260	0.458	< 1	< 1	< 0.2	< 0.2	23.6	< 1	0.44	1.1	420	86	910	626	13	1150
E-01	11/7/2019			4.1	380	< 0.5	68	146	1.66	243	0.311	< 1	8.37	< 0.2	< 0.2	60.8	< 1	0.29	< 0.1	150	8.8	266	141	10	392
F-01	11/7/2019			4.9	< 500	0.973	90	159	6.25	234	0.195	2.35	23.4	< 0.2	2.92	70.6	3.15	0.36	< 0.5	150	7.2	271	137	10	367
F-02	11/7/2009			No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow	No Flow

\*Annual Monitoring Only  
\*\*Duplicate was gathered at this location and the respective values averaged

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		-	-	-	-	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	-	-	-	-	-	Total	-	-
		mg/L	mg/L	SU	ug/L	ng/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C
N-01 Downstream	11/7/2019			6.8	< 100	2.42**	27	10.5	< 1	< 50	1.5	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.33	< 0.1	38	5	104	62.7	10	158
French Broad Upstream	11/7/2019			5.9	< 100	2.07	14	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.279	< 1	< 1	0.31	< 0.1	1.8	2.2	31	11.2	11	36
French Broad Downstream	11/7/2019			6.5	< 100	2.24	14	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.258	< 1	< 1	0.32	< 0.1	2.1	2.2	25	11.3	13	47

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		-	-	-	-	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	-	-	-	-	-	Total	-	-
		mg/L	mg/L	SU	ug/L	ng/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	°C
E-01	12/27/2019			5	300	< 0.5	49	75.1	< 1	310	0.155	< 1	1.47	< 0.2	< 0.2	33.6	< 1	0.39	< 0.2	140	15	249	131	8	365
F-01	12/27/2019			5.2	< 500	0.804	52	75.4	2.93	323	0.112	< 1	4.39	< 0.2	0.266	39.1	1.19	0.63	< 0.5	160	11	267	144	8	380

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