



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

Duke Energy Progress
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December 2, 2020

ELECTRONIC SUBMITTAL

Mr. S. Daniel Smith, Director
North Carolina Division of Water Resources
E-mail Address: desocdata@ncdenr.gov

**Subject: Duke Energy Progress, LLC
Asheville Plant
EMC SOC WQ S17-010
NPDES Permit NC0000396
4th Quarter 2020 - Monitoring Data Results**

Dear Mr. Smith:

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 2020.

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,

A handwritten signature in black ink that reads "Antonio D. Price".

Antonio D. Price, P.E.
Asheville Station Manager

Enclosures

Duke Energy Carolinas, LLC - Asheville Steam Station
Special Order by Consent - SOC No. S17-010
Monitoring Report for 1st Quarter of 2020

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	11/3/2020			6.8	< 100	1.24	80	5.4	< 1	327	< 0.1	< 1	< 1	< 0.2	< 0.2	1.94	< 1	0.56	0.12	45	28	154	67.6	12	926
B-01	11/3/2020			6.8	< 200	30.4	51	6.18	< 1	1830	< 0.1	1.68	1.11	< 0.2	0.948	2.6	< 1	0.63	0.3	100	55	292	165	13	1607
C-01	11/3/2020			6.3	< 500	1.26	61	21.6	3.06	1610	0.204	1.24	1.31	0.215	0.878	10.2	1.73	0.45	0.7	250	55	517	263	14	2459
E-01	11/3/2020			6.6	< 200	0.709	50	< 5	< 1	206	< 0.1	< 1	< 1	< 0.2	< 0.2	3.05	< 1	0.1	< 0.2	61	10	178	83.9	11	1066
F-01	11/3/2020			6.3	< 200	1.18	46	38.5	< 1	222	< 0.1	< 1	< 1	< 0.2	0.29	8.87	< 1	0.24	< 0.2	100	8.4	205	100	8	1194
F-02	11/3/2020			6.6	< 500	3.97	41	< 5	< 1	247	< 0.1	< 1	< 1	< 0.2	0.321	< 1	< 1	< 0.01	< 0.5	170	12	318	158	8	1535

*Annual Monitoring Only

**Duplicate was gathered at this location and the respective values averaged

Duke Energy Carolinas, LLC - Asheville Steam Station
Special Order by Consent - SOC No. S17-010
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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
N-01 Downstream	11/3/2020			6.7	< 100	**4.13	48	6.67	< 1	< 50	1.04	< 1	< 1	< 0.2	< 0.2	1.07	< 1	0.28	< 0.1	64	4.9	154	82.1	12	837
French Broad Upstream	11/3/2020			7.1	< 100	1.77	12	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.368	< 1	< 1	0.24	< 0.1	1.8	1.6	26	8.39	10	156
French Broad Downstream	11/3/2020			6.7	< 100	1.85	12	< 5	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.355	< 1	< 1	0.24	< 0.1	1.9	1.7	42	8.11	10	158

*Annual Monitoring Only
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