



H.F. Lee Energy Complex
Duke Energy Progress
1199 Black Jack Church Road
Goldsboro, N.C. 27530

January 7, 2020

ELECTRONIC SUBMITTAL
Daniel Smith, Director
North Carolina Division of Water Resources

Email Address: desocdata@ncdenr.gov

**Subject: Amended 4th Quarter 2020 SOC Monitoring Results
Special Order by Consent EMC SOC WQ S18-006
Duke Energy Progress, LLC
H.F. Lee Energy Complex
Goldsboro, North Carolina**

Mr. Smith,

In accordance with the paragraph 2. c. 4) of the NC Environmental Management Commission Special Order by Consent, EMC SOC WQ S18-006, Duke Energy Progress, LLC is hereby submitting amended results of monitoring for the Fourth Quarter of 2020 for the H. F. Lee Energy Complex.

This amendment is being submitted to provide low level mercury results for the Upstream Half Mile Branch sampling location. Low level mercury sampling was inadvertently omitted during the November 10, 2020 sampling effort.

If you have any questions or require further information, please contact Joyce Dishmon at (336) 394-5524, or via email at Joyce.Dishmon@duke-energy.com, or Mike Graham at (919) 722-6551, or via email at Mike.Graham2@duke-energy.com.

"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."

Respectfully submitted,

Jeffery D. Hines
General Manager
H. F. Lee Energy Complex

ecc: Jeffery D. Hines
Sharat Gollamudi
Joyce Dishmon



January 1, 2018
ELECTRONIC SUBMITTAL
Duke Energy
West Carolina Division
Signal Address: dnc@dukeenergy.com

Re: Request for Proposal (RFP) for the purchase of 100 MW of solar capacity in the West Carolina Division. The RFP is available at the following link: [http://www.dukeenergy.com/procurement](#). The RFP is open until 11:59 PM on January 11, 2018. The RFP is subject to the terms and conditions set forth in the RFP documents. The RFP is subject to the terms and conditions set forth in the RFP documents.

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Jeffery D. Hines
General Manager
Duke Energy
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Duke Energy Carolinas, LLC - HF Lee Station
 Special Order by Consent - SOC No. S18-006
 Monitoring Report for 4th Quarter of 2020 - Amended

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	-	-	-	-	-	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	umho/cm
S-03A	11/10/2020			7.5	310	**0.604	241	< 5	35.1	1170	< 0.1	< 1	< 1	< 0.2	< 0.2	< 1	< 1	0.03	0.2	31	12	312	217	22	517	
S-09	11/10/2020			7.2	920	1.11	182	< 5	45.2	2840	< 0.1	< 1	< 1	< 0.2	0.254	1.06	< 1	0.02	< 0.1	19	10	413	316	19	682	
Upstream Neuse River	11/10/2020			7.2	110	2.43	31	< 5	< 1	< 50	< 0.1	< 1	1.31	< 0.2	0.574	1.17	< 1	0.5	< 0.1	10	18	110	29.4	18	150	
Downstream Neuse River	11/10/2020			7.2	100	2.65	32	< 5	< 1	< 50	< 0.1	< 1	1.33	< 0.2	0.711	1.11	< 1	0.5	< 0.1	9.2	16	106	28.8	21	146	
Downstream 2 Neuse River	11/10/2020			7.2	100	2.5	32	< 5	< 1	< 50	< 0.1	< 1	1.28	< 0.2	0.648	1.07	< 1	0.51	< 0.1	9.3	16	100	29.2	17	142	
Upstream Half Mile Branch	11/10/2020			6.4	< 100	NA	102	5.48	< 1	< 50	< 0.1	< 1	< 1	< 0.2	0.552	< 1	< 1	0.9	< 0.1	6.4	14	83	27.5	20	112	

*Annual Monitoring Only

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

Duke Energy Carolinas, LLC - HF Lee Station
 Special Order by Consent - SOC No. S18-006
 Monitoring Report for 4th Quarter of 2020 - Amended

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	-	-	-	-	-	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	umho/cm
Downstream Half Mile Branch	11/10/2020			6.6	< 100	3.31	121	< 5	3.75	202	< 0.1	< 1	< 1	< 0.2	0.365	1.35	< 1	0.39	< 0.1	18	13	162	76.1	20	220	
Upstream Half Mile Branch	12/21/2020			6	<100	3.6	54	8.56	<1	<50	<0.1	<1	1.02	<0.2	0.891	<1	<1	1.3	<0.1	4.4	10	85	17.4	8	90	

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