April 10, 2019

ELECTRONIC SUBMITTAL
Ms. Linda Culpepper, Interim Director
North Carolina Division of Water Resources
E-mail Address: desocdata@ncdenr.gov

Subject: Duke Energy Carolinas, LLC
Rogers Energy Complex
EMC SOC WQ S17-009
1st Quarter 2019 - Monitoring Data Results

Dear Ms. Culpepper:

In accordance with paragraph 2. e. 3) of the NC Environmental Management Commission Special Order by Consent, EMC SOC WQ S17-009, Duke Energy Carolinas, LLC is hereby submitting the monitoring results for the 1st Quarter of 2019.

If you have any questions, please contact Mr. Robert Wylie (704) 382-4669.

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,

[Signature]

David P. Barnhardt
General Manager II
Rogers Energy Complex - Cliffside Steam Station
Fossil/Hydro Operations - Carolinas Coal Generation
Duke Energy Carolinas, LLC - Rogers Energy Complex  
Special Order by Consent - SOC No. S17-009  
Monitoring Report for 1st Quarter of 2019

<table>
<thead>
<tr>
<th>SAMPLING LOCATION</th>
<th>Date Sampled</th>
<th>TSS*</th>
<th>Oil and Grease*</th>
<th>pH</th>
<th>Fluoride</th>
<th>Mercury</th>
<th>Barium</th>
<th>Zinc</th>
<th>Arsenic</th>
<th>Boron</th>
<th>Cadmium</th>
<th>Chromium</th>
<th>Copper</th>
<th>Thallium</th>
<th>Lead</th>
<th>Nickel</th>
<th>Selenium</th>
<th>Nitrate/Nitrite as N</th>
<th>Bromides</th>
<th>Sulfates</th>
<th>Chlorides</th>
<th>TDS</th>
<th>Total Hardness</th>
<th>Temperature</th>
<th>Conductivity</th>
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*S-02 3/7/2019 10 < 5 6.7 < 200 0.803 42 < 5 < 1 306 < 0.1 < 1 < 0.2 7.14 < 1 < 0.2 120 4.3 310 208 14 437

*S-07 3/7/2019 6.8 < 5 7.0 < 100 10.7 38 < 5 < 1 163 < 0.1 < 1 < 0.2 0.23 < 1 < 0.2 0.25 0.1 4.5 16 77 25.6 12 78

*Annual Monitoring Only

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