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January 9, 2018

Mr. Paul Draovitch, Senior Vice President
Environmental, Health and Safety
Duke Energy Carolinas, LLC
Mail Code EC13K
P.O. Box 1006
Charlotte, North Carolina 28201-1006

Subject: Draft NPDES Major
Modification
Permit NC0004987
Marshall Steam Station
Catawba County
Facility Class I

Dear Mr. Draovitch:

Enclosed with this letter is a copy of the draft major modification for your facility. Please review the draft very carefully to ensure thorough understanding of the conditions and requirements it contains.

The draft major modification contains the following significant changes from your current permit:

- The Seep Outfalls 101 and 102 and Seep Pollutant Analysis Special Condition were eliminated from the permit.
- The applicability date for the bottom ash transport water and the FGD effluent was postponed until December 31, 2023 based on the proposed EPA rulemaking.
- The groundwater compliance boundary map was added to the permit.
- The new outfall for the new lined Retention Basin (Outfall 005) was added to the permit, please see A. (9.).
- The Compliance Boundary special condition was added to the permit, please see A. (32.).
- The Groundwater Monitoring Well Construction and Sampling special condition was eliminated from the permit.
- The requirement for a physical/chemical treatment was eliminated from the permit to meet accelerated closure requirements in the SOC.

Please provide any comments you have regarding the draft permit to this office by February 9, 2018. At this time, the Division is also publishing a notice in the newspapers of general circulation in Catawba County, inviting public comment on the draft major modification. Following



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the 30-day comment period, we will review all pertinent comments received and take appropriate action on the permit renewal. The [NPDES Standard Conditions](#) (Parts II, III, and IV) are not included with this draft. They can be found at the following link if you would like to review them in conjunction with this draft permit. <http://ncdenr.s3.amazonaws.com/s3fs-public/Water%20Quality/Surface%20Water%20Protection/NPDES/MISC/NPDES%20Standard%20Conditions-Boilerplate-DWR-SWP-NPDES-20150410.pdf>

If you have any questions about the NPDES permit process, please contact me at the following e-mail address: sergei.chernikov@ncdenr.gov, or telephone number: 919-807-6386.

Sincerely,

Sergei Chernikov, Ph.D.
Environmental Engineer II
Complex NPDES Permitting Unit

cc: NPDES Files
EPA Region IV (e-copy)
 Mooresville Regional Office / Surface Water Protection (e-copy)
 Mooresville Regional Office / Public Water Supply (e-copy)
 Aquatic Toxicology Unit (e-copy)
 TACU (e-copy)