



PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Director

September 7, 2016

Sent via email to melonie.martin@duke-energy.com

Melonie Martin
Duke Energy Carolinas, LLC
Environmental Services
3195 Pine Hall Road
Belews Creek, North Carolina 27009

Re: Approval of Work Plan
Additional Assessment of Groundwater Exceedances
Duke Energy Carolinas - Belews Creek Steam Station
FGD Landfill
Permit No. 8505-INDUS-
Stokes County
DIN 26714

Dear Mrs. Martin:

The Solid Waste Section (Section) has reviewed the Proposed Work Plan (DIN 26695) for the Additional Groundwater Assessment Exceedances at the FGD Landfill submitted on August 26, 2016. The Proposed Work Plan consists of six (6) distinct tasks:

- Task 1 – Review Existing Data
- Task 2 – Well Inspection, Cleaning and Redevelopment
- Task 3 – Collect and Analyze Soil and Surface Water Samples
- Task 4 – Install Water Level and Conductance Logger in BC-25
- Task 5 – Installation of Assessment Groundwater Monitoring Wells
- Task 6 – Phase 1 Assessment Report

The Section approves this Work Plan.

If you have any questions, please do not hesitate to contact me via email
elizabeth.werner@ncdenr.gov or phone (919) 707-8253.

Sincerely,

Elizabeth S. Werner
Permitting Hydrogeologist
Solid Waste Section

Cc: Ed Sullivan, P.E. – Duke Energy Progress
Ed Mussler, P.E. – Permitting Branch Head, SWS
Jason Watkins – Field Operations Branch Head, SWS
Larry Frost – Permitting Engineer, SWS
Shawn McKee – Environmental Senior Specialist, SWS
Shannon Aufman – Permitting Engineer, SWS