June 29, 2015

Duke Energy
C/O: Mr. D. Edwin M. Sullivan
P.O. Box 1006
Mail Code EC13K
Charlotte, North Carolina 28201-1006

RE: Conditional Approval Letter Response
H.F. Lee Energy Complex
Wayne County, North Carolina

Dear Mr. Sullivan:

The Division of Water Resources received Duke Energy’s May 22, 2015 response to DENR’s Conditional Approval dated February 6, 2015 for the H.F. Lee Energy Complex Revised Groundwater Assessment Work Plan. Duke Energy concurs with comments provided for the following sections:

- 4.0 Regional Geology and Hydrogeology
- 5.3 Hydrogeologic Site Characteristics
- 7.1 Subsurface Exploration
- 7.1.3.3 Proposed Wells Down gradient of Ash Basins
- 7.2 Ash Pore Water and Groundwater Sampling and Analysis

Please incorporate and implement the agreed upon scope of work as related to the above conditions and outlined in Duke Energy’s May 22, 2015 response.

Additionally, Duke Energy requests guidance regarding solid phase testing methods for total organic carbonate content. Research conducted by the Division has not identified a laboratory method for analysis of total organic carbonate with respect to solid phase samples. We appreciate Duke Energy bringing this issue to our attention. Since a suitable laboratory method for total organic carbonate has not been found, Duke Energy is not compelled to perform this analysis as part of the groundwater assessment at the Lee Plant and other facilities located in the Coastal Plain.
Should you have any questions or require additional information, please contact Will Hart at 252-948-3918.

Sincerely,

[Signature]

David May, L.G., Regional Supervisor
Division of Water Resources Water Quality Regional Operations
Washington Regional Office

cc: Ricky Miller – Duke Energy
    John Toepfer – Duke Energy
    Kathy Webb – SynTerra Corporation
    Geoff Kegley – Div. Water Resources – Wilmington
    Shristi Shrestha – Div. Water Resources – Fayetteville
    Steven Lanter – Div. Water Resources – Central Office