



October 14, 2024

Duke Energy  
410 South Wilmington Street  
Raleigh, North Carolina 27601

Attention: Mr. Jason Keim  
Project Manager

Reference: **Foundation Construction Summary Report  
Dunn Mobile Substation Storage Building**  
1269 Jonesboro Road | Harnett County, North Carolina 28334  
S&ME Project No. 23050575

Dear Mr. Keim,

This correspondence presents a summary of our construction observations and materials testing services performed during foundation construction of the Dunn Mobile Substation Storage building as described in the project structural drawings prepared by LS3P updated March 26, 2024. Our services were performed in accordance with S&ME Proposal 23050575, dated September 6, 2023, and Duke Energy Transmission Notice-to-Proceed (NTP) dated September 7, 2023.

Our services included an evaluation of the foundation bearing grades, placement of reinforcing steel, and compressive strength testing of the foundation concrete. The bearing grades were assessed to be suitable for foundation support. Placement of the reinforcing steel was in accordance with the drawing details. The 28-day compressive strengths meet the specification requirements. Test results for concrete placed after September 20, 2024, are not available at this time. The corresponding 7-day test results range from 85% to 97%, which have a high probability of meeting the design strength in 28 days.

Field and laboratory reports were submitted to the project team as the work progressed. These reports form a basis for and are to be considered an integral part of this report. No discrepancies were identified.

Should questions arise regarding the content of this report, please contact us at your convenience.

Sincerely,  
**S&ME, INC**



A handwritten signature in blue ink that reads 'David T. Cunningham'.

David T. Cunningham, P.E.  
Senior Project Manager

A handwritten signature in blue ink that reads 'Wes Lowder'.

Wes Lowder, P.E.  
Senior Engineer