



January 13, 2017

Heather McTeer Toney  
Regional Administrator  
US EPA Region 4  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street SW  
Atlanta GA 30303-8909

**Re: South Carolina Submittal for the 1-hour 2010 Sulfur Dioxide (SO<sub>2</sub>) National Ambient Air Quality Standard (NAAQS) Data Requirements Rule (DRR)**

Dear Ms. Toney:

On August 21, 2015, the United States Environmental Protection Agency (EPA) published in the Federal Register the final rule: Data Requirements Rule for the 1-hour SO<sub>2</sub> Primary National Ambient Air Quality Standard (80 FR 51052). This rule establishes an applicability threshold, a timeline for implementation, and a protocol for maintaining the NAAQS in future years. Final area designations under this rule require states to characterize SO<sub>2</sub> concentrations, or enact federally enforceable permit limits below 2000 tons per year (TPY) for facilities whose actual emissions are at or above 2000 TPY based on the most current national emissions inventory (NEI)<sup>1</sup>.

All facilities in South Carolina initially identified as above the DRR threshold are demonstrating compliance with the rule's requirements with either air quality dispersion modeling or permit limits. Appendices A-H included in this submission contain the modeling reports, electronic modeling files, and federally enforceable permits for those facilities found subject to the DRR.

Should you have any questions regarding this submittal please contact Rhonda B. Thompson, PE, Chief, Bureau of Air Quality, at (803) 898-4391 or by email at [thompsrb@dhec.sc.gov](mailto:thompsrb@dhec.sc.gov).

Sincerely,

A handwritten signature in blue ink that reads "Myra E. Reece". The signature is fluid and cursive, with the first name "Myra" and last name "Reece" clearly legible.

Myra Reece, Director  
Environmental Affairs

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<sup>1</sup> See "South Carolina Air Quality Compliance Approaches for Applicable Facilities Under the 1-hour 2010 Sulfur Dioxide (SO<sub>2</sub>) National Ambient Air Quality Standard (NAAQS) Data Requirements Rule (DRR)." Submitted July 1, 2016.

cc: Rhonda Thompson, Chief, BAQ  
Beverly Banister, Director, Air, Pesticides and Toxics Management Division, EPA Region 4  
Scott Davis, Chief, Air Planning & Implementation Branch, EPA Region 4  
Rick Gillam, Modeling Section, EPA Region 4  
Todd Rinck, Chief, Air Data and Analysis Section, EPA Region 4  
Heather Ceron, Chief, Air Permitting Section, EPA Region 4  
Lynorae Benjamin, Chief, Air Regulatory Development Section, EPA Region 4  
Twunjala Bradley, Air Regulatory Development Section, EPA Region 4  
Brad Akers, Air Regulatory Development Section, EPA Region 4

**Appendices:**

Appendix A - State Construction Permit for SCE&G McMeekin Station (Permit Number 1560-0003)

Appendix B - 1-hour SO<sub>2</sub> Compliance Dispersion Modeling report for Santee Cooper Cross Generating Station (Permit Number 0420-0030)

Appendix C - 1-hour SO<sub>2</sub> Compliance Dispersion Modeling report and State Construction Permit for SCE&G Wateree Station (Permit Number 1900-0013) and 1-hr SO<sub>2</sub> Compliance Dispersion Modeling report for International Paper – Eastover Mill (Permit Number 1900-0046)

Appendix D- 1-hour SO<sub>2</sub> Compliance Dispersion Modeling report for Alumax of South Carolina INC (Alcoa Mt. Holly/ Century Aluminum of SC) (Permit Number 0420-0015)

Appendix E- 1-hour SO<sub>2</sub> Compliance Dispersion Modeling report for Resolute FP US INC (2440-0005)

Appendix F - Title V Operating Permit for Duke Energy Lee Steam Station (Permit Number 0200-0004)

Appendix G - State Construction Permit for WestRock CP LLC (Formerly Rocktenn) (Permit Number 1040-0003)

Appendix H – Electronic modeling files for Santee Cooper Cross Generating Station, SCE&G Wateree/International Paper - Eastover Mill, Alumax of South Carolina INC, and Resolute FP US INC