

June 26, 2017

Ms. Anne Heard
Acting Administrator
U.S. EPA, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303-8909

RE: Georgia Power-Plant Scherer Annual Report for EPA’s Data Requirements Rule for the 2010 1-Hour SO₂ NAAQS

Dear Ms. Heard:

On July 12, 2016 (FR 81 45039), the U.S. Environmental Protection Agency (EPA) designated Juliette, GA (Butts County, Crawford County, Jasper County, Jones County, Lamar County, Monroe County, and Upson County) as Unclassifiable/Attainment with an effective date of September 12, 2016. This designation was based on 2012-2014 modeling submitted to EPA by the Georgia Environmental Protection Division (EPD), which demonstrated that SO₂ emissions from Plant Scherer do not cause or contribute to any exceedances of the 1-hour SO₂ NAAQS. The highest modeled SO₂ design value in the modeling domain was 49.1 ppb (37.5 ppb from Plant Scherer, plus background value of 11.6 ppb).

Table 1 contains the SO₂ emissions that were modeled (2012-2014), along with EPA’s Clean Air Markets Division (CAMD) SO₂ emissions (2012-2016). The modeled emissions are always slightly higher than the CAMD emissions because hourly emissions for partial operating hours are not adjusted downward in the model to reflect operating time less than one hour.

Table 1. SO₂ emissions from Plant Scherer for 2012-2016.

Calendar Year	CAMD SO ₂ Emissions (Tons/Year)	Modeled SO ₂ Emissions (Tons/Year)
2012	42,349.2	42,354.9
2013	24,074.6	24,078.5
2014	5,175.5	5181.0
2015	1,618.3	
2016	1,984.5	

According to the Data Requirements Rule for the 2010 1-hour SO₂ primary NAAQS (FR 80 51052):

“For any area where modeling of actual SO₂ emissions serve as the basis for designating such area as attainment for the 2010 SO₂ NAAQS, the air agency shall submit an annual report to the EPA Regional Administrator by July 1 of each year...that documents the

annual SO₂ emissions of each applicable source in each such area... The first report for each such area is due by July 1 of the calendar year after the effective date of the area's initial designation."

The 2015 and 2016 annual SO₂ emissions for Plant Scherer are well below the 2012-2014 SO₂ emissions that were modeled for attainment. Therefore, EPD has determined that no additional modeling is needed to characterize air quality in the Juliette, GA area to determine whether the area meets or does not meet the 2010 SO₂ NAAQS.

A copy of this letter is available for public inspection at 4244 International Parkway, Suite 120, Atlanta, GA 30354. In addition, the public can inspect an electronic version of this letter at: <https://epd.georgia.gov/air/documents/georgia-power-plant-scherer-annual-report-data-requirements-rule-2010-1-hour-so2-naqs>.

Should you or your staff have any questions or comments, please feel free to contact Jim Boylan at James.Boylan@dnr.ga.gov or 404-363-7014.

Sincerely,



Karen D. Hays, P.E.
Chief, Air Protection Branch
Georgia Environmental Protection Division