

2.124 Multipollutant Control for Electric Utility Steam Generating Units

2.124.1 Applicability and Definition of Affected Facility

- (a) This source category applies to affected facilities covered by the Georgia Rules for Air Quality Control (Georgia Rule) 391-3-1-.02(2)(sss).

2.124.2 Parametric Monitoring

- (a) Except as noted in Section 2.124(e), within 180 days of each of the applicable effective dates specified in Georgia Rule 391-3-1-.02(2)(sss)1. through 13., or July 1, 2009, whichever is later, the owner or operator shall conduct performance tests on the affected unit(s) to determine the emissions of nitrogen oxides, sulfur dioxide, and mercury using the reference methods specified in 40 CFR Part 75* for each applicable pollutant or shall use data from a continuous emissions monitoring system (CEMS) installed and certified according to the requirements of 40 CFR Part 75*.
- (b) For each applicable pollutant, the owner or operator shall establish, through performance testing or quality assured CEMS data, the parameters and indicator ranges necessary to demonstrate proper operation and maintenance of the installed control equipment for the purposes of complying with Georgia Rules 391-3-1-.02(sss) and 391-3-1-.02(2)(a)10. for the anticipated range of operation of the affected unit(s), excluding periods of startup, shutdown, or malfunction. The owner or operator shall submit, to the Division within 60 days of completion of the requirements of paragraph (a) of this section or by September 1, 2009, whichever is later, a report containing the chosen parameters and data collected during the performance testing or supporting quality assured CEMS data. The report shall also identify the value(s) which have been established as indicative of proper operation and a justification for the chosen parameters and values.
- (c) The applicable parameters chosen and the corresponding values indicative of proper operation established under paragraph (b) of this section shall be included in the Part 70 Permit issued to the owner or operator of the affected facility. Any recorded instance of an applicable monitored parameter outside the established range shall be reported as an excursion in the Part 70 Operating Permit quarterly report. This report shall also include identification of any periods of startup, shutdown, or malfunction or other period specified by Georgia Rule 391-3-1-.02(2)(sss) 20.
- (d) The owner or operator may request to be exempt from the requirements of paragraphs (a) and (b) and (c) of this section if the affected unit's emission limits for NO_x and SO₂ have been set by the Division. However, to the extent there are any operating and maintenance parameters of the control equipment that would affect the emissions of mercury but not the emissions of nitrogen oxides or sulfur dioxide, the owner or operator shall comply with paragraphs (a), (b) and (c) with respect to such mercury-specific operating and maintenance parameters.

- (e) As an alternative to the requirements of this section, the owner or operator may
- (i) Request mercury emission target values be established for the affected unit(s). The owner or operator shall report any exceedance of the mercury emission "target values" as an excursion in the Part 70 Operating Permit quarterly reports, if not already otherwise reported through other Part 70 Operating Permit requirements, or
 - (ii) Operate the affected unit(s) under Georgia Rule 391-3-1-.02(sss)(13) as natural gas-fired electric utility steam generating units as defined in 40 CFR 63.10042**. If an affected unit ceases to operate as a natural gas-fired electric utility steam generating unit, the unit must complete the procedures of Section 2.124.2(a) within 180 days of the first day after the applicable effective date in Georgia Rule 391-3-1-.02(sss) that the emission units are no longer considered natural gas-fired electric utility steam generating units.

* Code of Federal Regulations, 40 CFR Part 75

** Code of Federal Regulations, 40 CFR Part 63