

Coal Combustion Residuals (CCR) Annual Fugitive Dust Control Report

PLANT NAME: E.C. Gaston Steam Plant

OWNER/OPERATOR OF FACILITY: Alabama Power Company 600 North 18th Street; Birmingham, AL 35203

REPORTING TIMEFRAME: 10/20/2023-10/19/2024

PURPOSE: The purpose of this report is to demonstrate compliance with the requirements for the annual CCR fugitive dust control report in 40 CFR § 257.80 (c) of the Federal CCR Rule and ADEM Admin. Code r. 335-13-15-.05(7)(c). This report describes the actions taken by Plant Gaston to control CCR fugitive dust, a record of all citizen complaints and if any, a summary of corrective measures taken.

DESCRIBE THE ACTIONS TAKEN TO CONTROL FUGITIVE DUST.

Dust accumulation is prevented by washing down or vacuuming work areas, employing closed systems and covered trucks, wetting areas with vehicle traffic, and reducing speed of vehicles in active work areas.

Plant personnel perform routine CCR fugitive dust inspections and ensure the operation of the water spray trucks or other dust suppression activities as necessary. Plant personnel understand the importance of minimizing CCR fugitive dust generation and the requirement that any CCR fugitive dust observations should be promptly addressed.

Ash Pond

Fugitive dust control measures associated with Ash Pond:

1. Dry ash is handled using a closed-loop system in closed transport vehicles.
2. Dry ash that is not handled in the closed loop system is conditioned with water to minimize fugitive dust emissions.
3. Access to the CCR unit is minimized, allowing only necessary personnel to conduct closure construction activities along with construction monitoring, testing and inspections.
4. The exposed CCR within the construction area is watered to promote the re-formation of surface crust on the ash and minimize dust generation.
5. Ash that is excavated and relocated within the Ash Pond for closure is maintained with adequate moisture content.
6. Plant and construction personnel conduct routine inspections for fugitive dust; plant CCR personnel are notified if fugitive dust generation is observed and action is taken.
7. Disturbed areas in the in the Ash Pond are minimized to the extent possible to control erosion and minimize dust.

Gypsum Pond

Fugitive dust control in the gypsum pond area includes the following:

1. Gypsum is transported wet directly to the surface impoundment.
2. Regular use of the existing sprinkler system on an as needed basis.
3. Plant personnel conduct routine inspections for fugitive dust; plant CCR personnel are notified if fugitive dust generation is observed and action is taken.
4. Access to the gypsum impoundment is restricted to personnel required to conduct operations, maintenance, and inspections.

HAS THE FACILITY RECEIVED ANY CCR FUGITIVE DUST CITIZEN COMPLAINTS WITHIN THE REPORTING TIMEFRAME?	Yes	No
		X

IF YES, INCLUDE A RECORD OF ALL CITIZEN COMPLAINTS

Date	Description of Complaint	Corrective Measures (If Any)

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