

Coal Combustion Residuals (CCR) Annual Fugitive Dust Control Report

PLANT NAME: James M. Barry Electric Generating 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 Barry 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.

Any accumulation of CCR material or dust generation within the CCR units, production areas, and along CCR transport routes is promptly addressed to control fugitive dust by wetting using a water truck or other methods as needed. CCR materials may also be flushed to wet sumps or transported directly to the settling ponds to prevent releases of fugitive dust.

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 in the ash pond area include the following:

1. Spraying dewatered ash with water using a water truck as needed to promote the formation of a surface “crust” and minimize the potential for fugitive dust generation.
2. Access to the CCR unit is minimized, allowing only necessary personnel to conduct closure construction activities along with construction monitoring, testing and inspections.
3. 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.
4. Areas with observed fugitive dust are sprayed with water using a water truck or other means.
5. Vehicle speed is limited. A speed limit sign is posted at each access road entrance to the CCR unit.
6. Disturbed areas in the Ash Pond are minimized to the extent possible to control erosion and minimize dust.

Gypsum Pond

Fugitive dust control measures in the gypsum pond area include the following:

1. Access to the CCR unit is minimized, allowing only necessary personnel and equipment to conduct operations, maintenance and inspection.
2. Operations include routine inspections for fugitive dust.
3. Areas with observed fugitive dust are watered using a water truck or other methods.
4. Vehicle speed is limited. A speed limit sign is posted at each access road entrance to the CCR unit.
5. Trucks carrying gypsum are covered prior to leaving the CCR unit.

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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