

## Coal Combustion Residuals (CCR) Annual Fugitive Dust Control Report

**PLANT NAME:** William C. Gorgas Electric Generating Plant

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

**REPORTING TIMEFRAME:** 10/19/2015-10/19/2016

**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 Coal Combustion Residuals Final Rule. See 80 Fed. Reg. 21,302 (April 17, 2015). This report describes the actions taken by Plant Gorgas 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.**

CCR material is not allowed to accumulate in CCR management areas. Dust accumulation and generation 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.

CCR is conditioned using water as needed for placement, spreading and compaction at the CCR landfills – Bottom Ash Landfill, CCR Landfill, and Gypsum Landfill. Wetting is also employed as needed to control dust in areas of the landfills or work areas as indicated by routine inspections. Plant personnel may use other approved dust suppression agents to prevent dust generation if needed.

Plant personnel perform periodic CCR fugitive dust inspections. Based on these observations, the frequency, location and amount of dust suppression activities and processes is adjusted to prevent dust emissions. Plant personnel understand the importance of minimizing CCR fugitive dust generation and the requirement that any CCR fugitive dust observations should be promptly addressed.

#### **Bottom Ash Landfill**

Fugitive dust control measures include:

1. Bottom ash is transported moist to the landfill.
2. Active working areas are wetted with a water truck or other methods.
3. Vehicle speed through active working areas is reduced.
4. Water is applied to the landfill when routine inspections indicate that additional dust control is necessary.

#### **CCR Landfill**

Fugitive dust control measures include:

1. The baghouse area is washed or vacuumed as necessary to prevent the accumulation and emission of fugitive dust.
2. Water is applied to ash as needed during placement, spreading and compaction.
3. The exposed ash in the cells will be periodically covered with inert material.
4. Access to the landfill is restricted.

- 5. Speed of vehicles through active work areas is reduced.
- 6. Water is applied to the landfill when routine inspections indicate that additional dust control is necessary.

**Gypsum Pond**

Fugitive dust control measures include:

- 1. Gypsum is handled wet or moist. Water is sprayed on areas as needed.
- 2. Trucks used to transport gypsum are covered.
- 3. Vehicle speed of heavy equipment through the gypsum handling area is reduced.

**Gypsum Landfill**

Fugitive dust control measures include:

- 1. Gypsum is handled wet or moist.
- 2. Water is sprayed on areas as needed.
- 3. Trucks used to transport gypsum are covered.
- 4. Vehicle speed of heavy equipment through the landfill active work areas is reduced.

**Ash Pond**

The Ash Pond is maintained in a wet condition and does not require other dust control measures.

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)

Date	Description of Complaint	Corrective Measures (If Any)