

CCR FUGITIVE DUST CONTROL PLAN

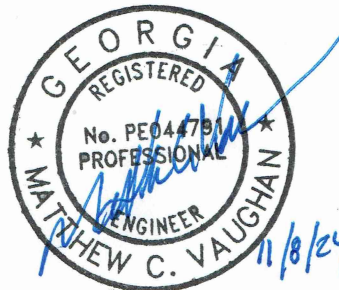
ASH POND 3

FORMER PLANT ARKWRIGHT
MACON-BIBB COUNTY, GEORGIA
FOR



Georgia Power

November 8, 2024



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1. OVERVIEW

The purpose of this fugitive dust control plan is to demonstrate compliance with the fugitive dust requirements in 40 CFR § 257.100(f)(3)(i) and 40 CFR § 257.80(b)(1) through (7) of the Final Rule. See 80 Fed. Reg. 21,301 (April 17, 2015). The Environmental Protection Agency (EPA) defines “CCR fugitive dust” as “solid airborne particulate matter that contains or is derived from Coal Combustion Residuals (CCR), emitted from any source other than a stack, or chimney.” 40 CFR § 257.53. This CCR fugitive dust plan identifies and describes the CCR fugitive dust control measures that will be used to minimize CCR fugitive dust of Ash Pond 3, including CCR dust originating from CCR units, roads, and other CCR management and material handling activities.

1.1 Facility Description

Ash Pond 3 is a Legacy Surface Impoundment as defined under 40 CFR § 257.53 that is located on the former Plant Arkwright property owned by Georgia Power. Ash Pond 3 and the adjacent Monofill currently have final cover systems and are maintained and inspected under the post-closure care requirements pursuant to the existing Solid Waste Handling Permit No. 011-025D(LI).

Georgia Power submitted a CCR permit application to the Georgia Environmental Protection Division (EPD) and intends to remove Ash Pond 3 in accordance with 40 CFR § 257.102(c) and corresponding State Rule 391-3-4-.10(7)(b) and relocate the CCR to a permitted landfill and/or sell it for beneficial use by others.

2. FUGITIVE DUST CONTROL MEASURES

The currently installed final cover system at Ash Pond 3 controls the generation of fugitive dust. Fugitive dust originating from Ash Pond 3 will be controlled by multiple methods including water suppression, compaction, synthetic or vegetative covers, or dust suppression agents.

The fugitive dust control measures identified and described in this plan were adopted and implemented based upon an evaluation of site-specific conditions and are determined to be applicable and appropriate for Ash Pond 3. Evaluation included assessing the effectiveness of the fugitive dust control measures for the facility, taking into consideration various factors such as site conditions, weather conditions, and operating conditions.

Water suppression and/or dust suppression agents will be used as needed to control fugitive dust on facility roads. Speed limits will be utilized to reduce the potential for fugitive dust. Once closure commences, CCR that is transported via truck to stockpiling prior to loading in rail cars or trucks for shipment to a permitted landfill or offsite beneficial use facility will be conditioned to appropriate moisture content to reduce the potential for fugitive dust. Trucks used to transport CCR will be filled to or under capacity to reduce the potential for material spillage.

CCR removal equipment shall be physically cleaned to the extent that is practically feasible with standard cleaning practices (e.g. brooming, water rinse) to remove visible ash after use. All material from the cleaning process will be consolidated and managed within an appropriately permitted solid waste facility and all liquids will be managed through an approved NPDES outfall.

3. ASSESSMENT OF CCR FUGITIVE DUST CONTROL PLAN

Georgia Power and construction personnel shall assess the effectiveness of the control measures by performing visual observations of Ash Pond 3 and surrounding areas and implementing appropriate corrective actions for fugitive dust, as necessary. Logs will be used to record the utilization of water-spray equipment.

4. RECORD KEEPING

This Plan and associated documents will be placed in the Site's operating record once completed, and proper notification will be provided to the State Director. The documents will also be made publicly available on the Site's "CCR Rule Compliance Data and Information" website.

4.1 Citizen Input

If a complaint is received from a citizen regarding a CCR fugitive dust event at the facility, the complaint shall be documented and investigated. Appropriate steps will be taken, including any corrective action, if needed.

4.2 Annual CCR Fugitive Dust Control Report

A CCR Fugitive Dust Control Report will be prepared annually to provide a summary of dust control activities for the reporting year. The report will include a description of the actions taken to control CCR fugitive dust on Site, a record of all reported citizen complaints/concerns, and a summary of any necessary corrective measures taken.