

CCR FUGITIVE DUST CONTROL PLAN

COLBERT FOSSIL PLANT COAL COMBUSTION PRODUCTS TUSCUMBIA, ALABAMA

Prepared by:



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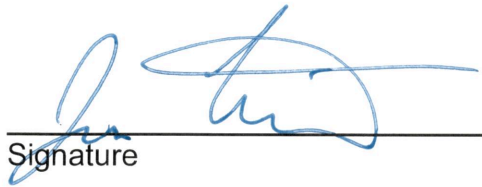
December 13, 2019 (Amended)

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CERTIFICATION

I certify that this plan meets the requirements of 40 CFR 257.80, Final Rule: Disposal of Coal Combustion Residuals from Electric Utilities.



Signature

December 13, 2019

Date



1.0 OVERVIEW

This CCR Fugitive Dust Control Plan (Plan) provides a program for minimizing fugitive dust events originating from day-to-day operations for Coal Combustion Residuals (CCR) management at the Colbert Fossil Plant (COF or Site) of the Tennessee Valley Authority (TVA), located in Tuscumbia, Alabama. This document provides measures to effectively minimize CCR from becoming airborne from CCR units, CCR piles, roads, and other CCR management activities. This plan has been developed in accordance with 40 CFR 257.80, Final Rule: Disposal of Coal Combustion Residuals from Electric Utilities.

1.1 Facility Description

COF was a fossil-fueled, steam-electric generating plant operated by TVA that had five coal-fired generating units. Power production ceased at the facility on March 24, 2016. Closure construction of Ash Disposal Area 4, consisting of installation of a geomembrane cap system with soil cover, is complete. The facility is covered with vegetation.

2.0 FUGITIVE DUST CONTROL MEASURES

All of the CCR material at the unit is capped, therefore, CCR dust cannot originate from the facility. Construction activities have ceased and vegetation has been established on the facility. If needed, dust control measures that may be utilized include:

- Berms constructed as wind breaks
- Interim soil cover
- Chemical dust suppressants
- Mobilization and use of water trucks

3.0 RECORD KEEPING

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

3.1 Citizen Input

Citizens can provide input and submit complaints/concerns relative to fugitive dust by calling 1-844-TVA-DUST (882-3878). Comments will be logged and submitted to TVA's Coal Combustion Product Management (CCPM) Group for review and response. Upon receipt, appropriate CCPM Management personnel will investigate the complaint/concern and implement any additional dust control measures required. Examples of additional dust control measures which may be considered for implementation are described in Section 2.0. Upon completion, the results of the investigation and a description of any associated corrective measures employed by the site will be added to the log.

3.2 Annual CCR Fugitive Dust Control Report

The Ash Disposal Area 4 at COF is capped and closed. TVA continues to perform maintenance activities and routine inspections of the cap system. Should the cap system be removed and CCR exposed for any reason, applicable best management practices described above will be implemented and will be documented on this CCR website as prescribed in the record-keeping requirements of 40 C.F.R. §257.105, 40 C.F.R. §257.106, and 40 C.F.R. §257.107.

4.0 ASSESSMENT OF CCR FUGITIVE DUST CONTROL PLAN

This Plan will be evaluated annually in conjunction with preparation of the annual CCR Fugitive Dust Control Report. Operating personnel at the Site have been instructed to record any evidence of fugitive dust events or deficiencies in the current fugitive dust control measures as well as report such issues to the TVA Field Supervisor. Evaluation of plan effectiveness will include a review of the Construction Contractor/TVA observation reports and any reported public complaints/concerns. Any necessary amendments or revisions required to rectify noted issues will be incorporated into the updated Plan.