

CCR Fugitive Dust Control Plan

Widows Creek Fossil Plant
Stevenson, Alabama

November 8, 2024

Prepared for:
Tennessee Valley Authority

Prepared by:
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CCR Fugitive Dust Control Plan

Revision or Change Number	Effective Date	Affected Page Numbers	Description of Revision/Change
0	11/8/24	All	Initial Plan



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CCR Fugitive Dust Control Plan

CERTIFICATION

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

Will Mattingly

Signature

11/8/2024

Date



1 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 Widows Creek Fossil Plant (WCF or Site) of the Tennessee Valley Authority (TVA), located in Stevenson, Alabama. This document provides measures to effectively minimize CCR from becoming airborne at the Site, including CCR fugitive dust originating from CCR units, roads, and other CCR management and material handling activities. This plan has been developed in accordance with 40 CFR 257.80.

1.1 Facility Description

WCF is located at 2800 Steam Plant Road in Stevenson, Jackson County, Alabama. It is an inactive facility that ceased power generation in September 2015 and is currently not in use. WCF hosts no power production activities of any kind. As of the date of this plan, the Ash Pond Complex is the only legacy CCR surface impoundment at the site. Because WCF has ceased power generation, placement of CCR materials in the Ash Pond Complex has ceased. Closure construction of the CCR unit, consisting of installation of a geomembrane cap system with soil cover, is complete. The facility is covered with vegetation.

2 Fugitive Dust Control Measures

The Ash Pond Complex at WCF is capped and closed; therefore, CCR dust cannot originate from the unit. Construction activities have ceased, and vegetation has been established on the unit. Should CCR become exposed due to maintenance activities or otherwise, 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 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 publicly 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 TVA CCPM 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 of the complaint/concern 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

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.

4 Assessment of CCR Fugitive Dust Control Plan

This Plan will be evaluated annually. Operating personnel at the Site will 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 and 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.

