

Coal Combustion Residuals (CCR) Fugitive Dust Control Plan

40 CFR 257.80

2024 Annual Report
January 2025

Asbury Power Plant
21133 Uphill Road
Asbury, Missouri 64832

Prepared For:
The Empire District Electric Company
d/b/a Liberty
602 S. Joplin Avenue
Joplin, Missouri 64801

INTRODUCTION

This Coal Combustion Residuals (CCR) Fugitive Dust Control Plan (Plan) is required by *Title 40, Subtitle D, Part 257, Criteria for Classification of Solid Waste Disposal Facilities and Practices*. The content of this Plan is specifically addressed in *§257.80(b) CCR fugitive dust control plan*. Coal combustion residuals (CCR) include fly ash, bottom ash, boiler slag, and flue gas desulfurization (FGD) materials.

In March 2020, The Empire District Electric Company d/b/a Liberty stopped coal-fired power generation at the Asbury Power Plant and planned for the plant's retirement. A demolition contractor imploded the Power Plant in June 2023, removed the residual materials, and reclaimed the site by June 2024. Closure of the Asbury Coal Combustion Residuals (CCR) Impoundment began in early June 2022 and was completed in January 2023. The facility is now called the Asbury Renewable Operations Center (AROC), which manages operations of wind farms and solar generation.

1.0 PLAN OBJECTIVE

Title 40, Part 257 requires an owner or operator of a CCR landfill to adopt measures that will effectively minimize CCR from becoming airborne at the facility. This Plan addresses measures to meet the requirements of Part 257.80(b).

2.0 CERTIFICATION §257.80(c)

The undersigned Professional Engineer (P.E.) is familiar with the requirements of 40 CFR Part 257. The attached CCR fugitive dust control plan (Plan) for the Asbury Power Plant has been prepared in accordance with the requirements of §257.80(b).

This certification in no way relieves the owner or operator of the facility of his/her duty to prepare and fully implement this Plan in accordance with the requirements of §257.80(b). This Plan is valid only to the extent that the facility owner or operator implements the measures to minimize fugitive dust from becoming airborne maintains at the facility as prescribed in this Plan.

Name: Lindsey R. Henry, P.E.

Seal

Signature: 

Date: January 27, 2025

Registration Number: E-021592

State: Missouri



3.0 FUGITIVE DUST ANNUAL REPORT

The Coal Combustion Residuals (CCR) Fugitive Dust Control Plan Annual Report for the period of **January 2024 through December 2024** has been prepared in accordance with 40 CFR 257.80(c) of the EPA CCR Rule. This report summarizes activities described in the Fugitive Dust Control Plan for Asbury Power Plant.

40 CFR 257.80(c) states:

The owner or operator of a CCR unit must prepare an annual CCR fugitive dust control report that includes a description of the actions taken by the owner or operator to control CCR fugitive dust, a record of all citizen complaints, and a summary of any corrective measures taken. The initial annual report must be completed no later than 14 months after placing the initial CCR fugitive dust control plan in the facility's operating record. The deadline for completing a subsequent report is one year after the date of completing the previous report. For purposes of this paragraph (c), the owner or operator has completed the annual CCR fugitive dust control report when the plan has been placed in the facility's operating record as required by § 257.105(g)(2).

4.0 FUGITIVE DUST CONTROL MEASURES

Fugitive dust controls measures have been implemented in accordance with the Fugitive Dust Control Plan for the Asbury Power Plant for the 12-month period of this requirement. As previously stated the Asbury Power Plant was retired on March 2020, Asbury stopped coal-fired power generation and planned for the plant's retirement. A demolition contractor imploded the Power Plant in June 2023, removed the residual materials, and reclaimed the site by June 2024. Closure of the Asbury Coal Combustion Residuals (CCR) Impoundment began in early June 2022 and was completed in January 2023.

4.1 CCR Impoundment Closure

Construction activities for the closure of the Asbury CCR Impoundment began in early June 2022 and was completed on January 23, 2023. The CCR Impoundment was completely covered by the end of 2022 so no CCR was exposed during 2023. Therefore, there was no potential for fugitive dust from the Impoundment area during 2023.

4.2 Asbury Power Plant Demolition

A demolition contractor imploded the Asbury Power Plant in June 2023, removed the residual materials, and reclaimed the site by June 2024

5.0 CITIZEN COMPLAINTS

There were no citizen complaints concerning fugitive dust during the 2024 calendar year.

6.0 CORRECTIVE MEASURES

No corrective measures were needed in response to citizen complaints. There were no changes or modifications to the CCR Fugitive Dust plan during the 2024 calendar year.