

Coal Combustion Residuals (CCR) Fugitive Dust Control Plan

40 CFR 257.80

2022 Annual Report

Asbury Power Plant
2133 Uphill Road
Asbury, Missouri 64832

Prepared For:

The Empire District Electric Company
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. The Asbury Power Plant was retired on March 1, 2020 and ceased burning coal and producing CCR. Closure activities of the inactive CCR Impoundment began during 2022. In addition, demolition activities began at power plant facility.

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, 2023

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 2022 through December 2022** 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 The Empire District Electric Company Asbury Generating Station.

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 Generating Station for the 12-month period of this requirement. As previously stated the Asbury Power Plant was retired on March 1, 2020 and ceased burning coal and producing CCR.

4.1 CCR Impoundment Closure

Construction activities for the closure of the Asbury CCR Impoundment began in early June 2022 and was nearly complete by the end of the year. The contractor submitted a fugitive dust plan which was implemented. Asbury representatives enforced the fugitive dust plan. The main aspect of the fugitive dust plan was watering the CCR surface during excavation and grading activities. The contractor utilized 1 to 4 water truck and a water cannon to control fugitive dust during the closure process. Site activities were halted during high winds if fugitive dust could not be controlled.

4.2 Asbury Power Plant Demolition

Construction for the demolition of the Asbury Power Plant began during 2022 and will continue through 2023. Contractors removed CCR materials from the retired Power Plant during early 2021. Asbury representatives will continue to monitor for any fugitive dust emissions during the demolition process.

5.0 CITIZEN COMPLAINTS

There were no citizen complaints concerning fugitive dust during the 2022 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 2022 calendar year.