

Coal Combustion Residuals (CCR) Fugitive Dust Control Plan

40 CFR 257.80

2021 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. The power plant maintains an inactive CCR Surface Impoundment.

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, 2021

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 2021 through December 2021** 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.

During the first part of 2021 work was completed by contractors to clean the remaining CCR from the retired power plant. Appendix 1 includes a summary of the activities and that there were no impacts of fugitive dust.

5.0 CITIZEN COMPLAINTS

There were no citizen complaints concerning fugitive dust during the 2021 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 2021 calendar year.

APPENDIX 1

Fugitive Dust Inspections

1/4/2022

Re: Asbury Plant decommissioning cleanup 2021.

Empire District Electric Company

To: Greg Jarman

Program Manager II, Environment

602 S Joplin Ave.

Joplin Mo, 64818

Greg,

The boiler from the cyclones back to the economizer was high pressure water washed for cleaning.

The rest of the boiler gas path starting at the air heater all through the baghouse hoppers to the ID fan was vacuum cleaned.

The pebble lime silo and hydrated lime silos were vacuum cleaned.

The byproduct bins and byproduct storage silos were vacuum cleaned.

During the water washing and vacuum cleaning no visible dust was observed outside the plant.

Regards,

A handwritten signature in cursive script that reads "Duane Zerr".

Duane Zerr

Generation Performance Mgr.

21133 Uphill Lane

Asbury, MO 64832