

SOUTHWESTERN ELECTRIC POWER COMPANY

FLINT CREEK POWER PLANT



ANNUAL CCR FUGITIVE DUST CONTROL REPORT

Prepared By:

Southwestern Electric Power Company
Flint Creek Power Plant
21797 SWEPCO Plant Road
Gentry, AR 72734

and

American Electric Power Service Corporation
Environmental Services
1 Riverside Plaza, FI 17
Columbus, OH 43215

September 2025

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1.0 INTRODUCTION

This Annual CCR Fugitive Dust Control Report (Annual Report) has been prepared pursuant to the air criteria of 40 CFR part 257.80. The Annual Report summarizes activities described in the CCR fugitive dust control plan (Plan) and includes the following components: description of actions taken to control CCR fugitive dust; a record of all citizen complaints; and a summary of any corrective measures taken.

The initial Flint Creek CCR fugitive dust control plan was placed into the operating record on October 12, 2015. This Annual Report addresses the period from October 1, 2024, to September 30, 2025. The Annual Report is deemed complete when it is placed in the facility's operating record as described in Section 6.0. The deadline for completing subsequent Annual Reports is one year after the date of completing the previous report.

The Annual Report will be placed in the operating record and retained in the office of the Flint Creek Power Plant Environmental Coordinator (PEC). The Plan will also be placed on Flint Creek Power Plant's publicly accessible internet website titled "CCR Rule Compliance Data and Information" as described in Section 6.0.

This annual report is the final such report for the Flint Creek Primary Bottom Ash Pond. On January 15, 2025, the Flint Creek Plant Primary Bottom Ash Pond was transitioned to closure status in accordance with 40 CFR 257.102.

2.0 FACILITY DESCRIPTION AND CONTACT INFORMATION

2.1 Facility Information

General Information:

Name of Facility: Southwestern Electric Power Company – Flint Creek Power Plant

Street: 21797 SWEPCO Plant Road

City: Gentry State: AR ZIP Code: 72734

County: Benton

Latitude: 36° 15' 22" N Longitude: 94° 31' 36" W

2.2 Contact Information

Facility Operator:

Name: Southwestern Electric Power Company – Flint Creek Power Plant

Attention: Ricky Weber - Plant Manager

Address: 21797 SWEPCO Plant Road

City, State, Zip Code: Gentry, AR 72734

Facility Owner:

Name: Southwestern Electric Power Company
Arkansas Electric Cooperative Corporation
Attention: Jill Lukehart – Environmental Manager
Address: 1 Riverside Plaza, 17
City, State, Zip Code: Columbus, OH 43215

Plan Contact:

Name: Scott Carney – Flint Creek Plant Environmental Coordinator (PEC)
Address: 21797 SWEPCO Plant Rd
City, State, Zip Code: Gentry, AR 72734
Telephone number: 479-444-4726
Email address: scarney@aep.com

2.3 Facility Description

The Flint Creek Power Plant is located in Gentry, Arkansas, and consists of one electric generating unit. Southwestern Electric Power Company and Arkansas Electric Cooperative Corporation co-own Flint Creek's nominally rated 550-megawatt unit. Southwestern Electric Power Company manages and operates Flint Creek Power Plant. See the Plan for a further description of plant activities and fugitive dust controls.

3.0 FUGITIVE DUST CONTROLS

The following fugitive dust control measures were implemented during the period addressed by this Annual Report:

Plant Activity	Fugitive Dust Control Measures
Plant and Landfill Roadways	Roadways were watered as needed and speed control measures were implemented;
Landfill – unloading and placement of material	Unloading emissions were controlled by maintaining moisture in the material, taking precautionary measures (minimizing drop height) and watering as needed; spreading and compacting emissions were controlled by maintaining vehicle speed, maintaining moisture in the material, and watering as needed.
Landfill – wind erosion	Wind erosion control measures for open areas included: precautionary measures such as minimizing the amount of open area and pile height; compacting material as it was unloaded; maintaining moisture content of the materials, and watering as needed.
Primary Bottom Ash Pond	This annual report is the final such report for the Flint Creek Primary Bottom Ash Pond. Emissions were controlled by the inherent moisture of the material and timely loading of trucks; and watering as needed. The Bottom Ash Pond no longer receives bottom ash. Complete removal of ash from the primary bottom ash pond was completed in August 2023. The primary ash pond remains in-service as a “wastewater pond” that receives wastes permitted for discharge by the facility’s NPDES wastewater and stormwater permits. On January 15, 2025, the Flint Creek Plant Primary Bottom Ash Pond was transitioned to closure status in accordance with 40 CFR 257.102.
Dry Fly Ash Handling	Emissions were controlled by using full silo enclosures, bin vent filters, baghouses, and water spray.
Dry Flue Gas Desulfurization Byproduct	Emissions were controlled by using full silo enclosures, bin vent filters, baghouses, and water spray.
Dry Bottom Ash	Emissions were controlled by using: “saturated bottom ash”, 3-sided ash bunker, and water spray.

Note: Implementation of control measures will not be necessary for roadways that are covered with snow and/or ice or if sufficient precipitation occurs to minimize or

eliminate fugitive dust. Implementation of any control measures may be suspended if unsafe or hazardous driving conditions would be created by its use.

4.0 CITIZEN COMPLAINT LOG

4.1 Plan Contacts

Generally, complaints made to the plant are by telephone and received by the PEC (Plan Contact). In the case of holiday, weekends, or other times when the PEC may not be onsite, the plant general phone number may receive complaint information by telephone that is provided to the PEC at the earliest convenience.

4.2 Follow-up

All complaints will be entered into a log by the PEC with details noted such as the nature of the complaint, date, time, and other relevant details. All complaints will be followed up which may include checking plant operations at the time of the event, reviewing inspection records, discussing with other plant personnel, reviewing weather data, collecting samples and contacting the person making the complaint to obtain additional information.

One complaint was received on January 17, 2025, related to fugitive dust from the active area of the landfill.

4.3 Corrective Action and Documentation

Corrective actions will be taken as needed and documented. If it is determined that the Plan needs to be amended as a result of the corrective actions, it will be amended in accordance with the Plan. If possible, the PEC will follow-up with the complainant and/or ADEQ to explain the findings of the complaint investigation, corrective actions or sampling results. Citizen complaints will be recorded in the annual Report.

Fugitive dust associated with the January 17, 2025, complaint was generated by a new employee for the landfill operating contractor driving a haul truck through recently placed fly ash. The fugitive dust occurred only when driving through the recently placed fly ash. The contractor supervisor provided additional guidance to all contractor employees to avoid all unnecessary disturbance of placed materials that may generate fugitive dust. No plan amendments were determined to be necessary to prevent future recurrence.

5.0 PLAN ASSESSMENT

The Plan will be periodically assessed to verify its effectiveness, and if necessary, amended.

The PEC reviewed the inspection records when preparing this Annual Report to assess the effectiveness of the Plan and determined that no additional or modified measures were warranted.

6.0 RECORDKEEPING, NOTIFICATION and INTERNET REQUIREMENTS

6.1 Recordkeeping

The Annual Report and the Plan (and any subsequent amendment of the plan) will be kept in the facility's operating record as they become available. The Plan and files of all related information will be maintained in a written operating record at the facility for at least five years following the date of each occurrence, measurement, maintenance, corrective action, report, record or study. Only the most recent Plan must be maintained in the record. Files may be maintained on a computer or storage system accessible by a computer. One recordkeeping system may be used for the Pond and Landfill if the system identifies each file by the name of each unit.

6.2 Notification

The ADEQ will be notified within 30 days of when the Annual Report is placed in the operating record and on the publicly available internet site. This notification will be made before the close of business on the day the notification is required to be completed. "Before the close of business day" means the notification must be postmarked or sent by e-mail. If the notification deadline falls on a weekend or federal holiday, the notification is automatically extended to the next business day.

6.3 Internet Site Requirements

The most recent Annual Report will be placed on the facility's CCR website titled "CCR Rule Compliance Data and Information" within 30 days of placing it in the operating record.