

# **SOUTHWESTERN ELECTRIC POWER COMPANY**

## **JOHN W. TURK PLANT**



An **AEP** Company

BOUNDLESS ENERGY™

# **ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

Prepared By:

**Southwestern Electric Power Company  
John W. Turk Jr. Plant  
3711 Highway 355 South  
Fulton, AR 71838**

and

**American Electric Power Service Corporation  
Environmental Services  
1201 Elm Street, Suite 4100  
Dallas, TX 75270**

**September 2021**

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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 Turk CCR fugitive dust control plan was placed into the operating record on September 21, 2015. This Annual Report addresses the period from September 19, 2020 to September 18, 2021. 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 Plant Environmental Coordinator (PEC). The Plan will also be placed on Turk Plant's publicly accessible internet website titled "CCR Rule Compliance Data and Information" as described in Section 6.0.

## 2.0 FACILITY DESCRIPTION AND CONTACT INFORMATION

### *2.1 Facility Information*

#### **General Information:**

Name of Facility: Southwestern Electric Power Company – John W. Turk Plant

Street: 3711 Highway 355 South

City, State, Zip Code: Fulton, AR 71838

County: Hempstead

Latitude: 33° 38' 45.3"      Longitude: 93° 49' 45.3"

### *2.2 Contact Information*

#### **Facility Operator:**

Name: SWEPCO – John W. Turk Plant

Attention: Tim Gross - Plant Manager

Address: 3711 Highway 355 South

City, State, Zip Code: Fulton, AR 71838

**Facility Owner:**

Name: Southwestern Electric Power Company  
Arkansas Electric Cooperative Corp.  
East Texas Electric Cooperative  
Oklahoma Municipal Power Authority

Attention: Scott Weaver – Director of Air Quality Services

Address: 1 Riverside Plaza, 17

City, State, Zip Code: Columbus, OH 43215

**Plan Contact:**

Name: Jason Johnson - Turk Plant Environmental Coordinator (PEC)

Address: 3711 Highway 355 South

City, State, Zip Code: Fulton, AR 71838

Telephone number: 903-831-1527

Email address: jrjohnson1@aep.com

**2.3 Facility Description**

Southwestern Electric Power Company (SWEPCO), a unit of American Electric Power (AEP), is operating a coal-fired electric power generating facility near Fulton, Arkansas, in Hempstead County. This facility is named the John W. Turk, Jr. Power Plant. The main steam generating unit consists of one ultra-supercritical pulverized coal boiler powering a single steam turbine designed for base load operation with a nominal net power output of 600 megawatts. This boiler burns PRB coal and natural gas.

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:

<b>Plant Activity</b>	<b>Fugitive Dust Control Measures</b>
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.
Dry Fly Ash Handling	Emissions were controlled by using: full enclosures, bin vent filters, baghouses, water spray curtains and conditioning ash.

**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 guard houses or plant general phone number may receive complaint information by telephone that is provided to the PEC at the earliest convenience. Complaints may also be made to ADEQ who in turn will contact the PEC. **No complaints were received by the Plant PEC during the period addressed by this Annual Report.**

### *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. **No complaint follow-up was necessary during the period addressed by this Annual Report.**

### *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. **No corrective actions due to complaints were necessary during the period addressed by this Annual Report.**

## 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.

### ***6.2 Notification***

The Director of 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.