

APPALACHIAN POWER COMPANY

JOHN E. AMOS PLANT



ANNUAL CCR FUGITIVE DUST CONTROL REPORT

Prepared By:

Appalachian Power Company
John E. Amos Plant
1530 Route 817
Winfield, WV 25213

and

American Electric Power Service Corporation
Environmental Services
1 Riverside Plaza
Columbus, Ohio 43215

September 2024

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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.

This Annual Report addresses the period from September 15, 2023 to September 15, 2024. 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 on John E. Amos 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: Appalachian Power Company – John E. Amos Plant

Street: 1530 Route 817

City: Winfield State: WV ZIP Code: 25213

County: Putnam

Latitude: 38° 28' 22" N Longitude: 81° 49' 23" W

2.2 Contact Information

Facility Operator:

Name: Appalachian Power Company – John E. Amos Plant
Attention: Curtis M. Cook - Plant Manager
Address: 1530 Route 817
City, State, Zip Code: Winfield, West Virginia 25213

Facility Owner:

Name: Appalachian Power Company
Attention: Jill N. Lukehart – Air Quality Services Manager
Address: 1 Riverside Plaza
City, State, Zip Code: Columbus, Ohio 43215

Plan Contact:

Name: Scott E. Sterling – Plant Environmental Coordinator – John E. Amos Plant
Address: 1530 Route 817
City, State, Zip Code: Winfield, West Virginia 25213
Telephone number: 304-759-3265
Email address: sesterling@aep.com

2.3 Facility Description

The John E. Amos Plant is located along the Kanawha River near Winfield, West Virginia, and consists of a three coal-fired, steam electric generating units. Units 1 and 2 are nominally rated 800 megawatts and Unit 3 is nominally rated 1300 megawatts. Appalachian Power Company owns and operates the John E. Amos Plant facility. 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; material carried off plant property and deposited onto public highways by vehicular traffic or erosion by water was removed and disposed of properly.
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.
Bottom Ash Handling System	Emissions were controlled by the inherent moisture of the material, timely loading of trucks, and watering as needed. Bottom ash collects in a water-filled ash hopper at the bottom of the steam generator and is transferred to dewatering conveyors through a fully-submerged conveyor system. The dewatered bottom ash is then transferred by conveyor and temporarily stored in an ash bunker before being loaded into trucks. Again, the inherent moisture of the material and timely loading of trucks help minimize emissions.
Unit 3 Fly Ash Pond – wind erosion	Wind erosion control measures for dewatered open areas of the Unit 3 Fly Ash Pond included: Utilization of wetting or chemical dust suppressants, as needed.

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 Plant Environmental Coordinator (Plan Contact). In the case of holiday, weekends, or other times when the Plant Environmental Coordinator may not be onsite, the plant guard house or plant general phone number may receive complaint information by telephone that is provided to the Plant Environmental Coordinator at the earliest convenience. Complaints may also be made to West Virginia DEP who in turn will contact the Plant Environmental Coordinator. **No fugitive dust complaints were received by the Plant Environmental Coordinator during the period addressed by this Annual Report.**

4.2 Follow-up

All complaints will be entered into a log by the Plant Environmental Coordinator 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 fugitive dust 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 Plant Environmental Coordinator will follow-up with the complainant and/or West Virginia DEP 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 fugitive dust 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 Plant Environmental Coordinator reviewed the inspection records when preparing this Annual Report to assess the effectiveness of the current 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 Bottom Ash System and Landfill if the system identifies each file by the name of each unit (i.e. BAS or Landfill).

6.2 Notification

The West Virginia DEP 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.