

Appalachian Power Company

CLINCH RIVER PLANT



An **AEP** Company

*BOUNDLESS ENERGY*SM

ANNUAL CCR FUGITIVE DUST CONTROL REPORT

Prepared By:

Appalachian Power Company
Clinch River Plant
3464 Power Plant Road
Cleveland, Virginia 24225-0157

and

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

May 2019

Table of Contents

1.0 Introduction.....	1
2.0 Facility Description and Contact Information	2
2.1 Facility Information	2
2.2 Contact Information.....	2
2.3 Facility Description	2
3.0 Fugitive Dust Controls	3
4.0 Citizen Complaint Log	4
4.1 Plant Contacts	4
4.2 Follow-up	4
4.3 Corrective Actions and Documentation.....	4
5.0 Plan Assessment	4
6.0 Recordkeeping, Notification and Internet Requirements	5
6.1 Recordkeeping.....	5
6.2 Notification.....	5
6.3 Internet Site Requirements	5

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 initial Annual Report must be completed no later than 14 months after placing the initial Plan in the facility's operating record. The initial Clinch River CCR fugitive dust control plan was placed into the operating record on April 19, 2017. This Annual Report addresses the period from April 19, 2018 to April 18, 2019. 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 Clinch River 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 – Clinch River Plant

Street: 3464 Power Plant Road

City: Cleveland State: VA ZIP Code: 24225

County: Russell

Latitude: 36° 56' 00" N Longitude: 82° 11' 59" W

2.2 Contact Information

Facility Operator:

Name: Appalachian Power Company – Clinch River Plant

Attention: Robert A. Jessee – Plant Manager

Address: 3464 Power Plant Road

City, State, Zip Code: Cleveland, Virginia 24225-0157

Facility Owner:

Name: American Electric Power

Attention: Scott A. Weaver – Director, AQS

Address: 1 Riverside Plaza

City, State, Zip Code: Columbus, Ohio 43215

Plan Contact:

Name: Karen M. Gilmer – Plant Environmental Coordinator (PEC) – Clinch River Plant

Address: 3464 Power Plant Road

City, State, Zip Code: Cleveland, Virginia 24225-0157

Telephone number: 276-889-7314

Email address: kmgilmer@aep.com

2.3 Facility Description

Appalachian Power Company (APCo), a wholly owned subsidiary of American Electric Power, owns Clinch River Plant. The Clinch River Plant is located along the Clinch River near Cleveland, Virginia, and consists of two gas-fired electric generating units (converted from coal-fired in 2015), Unit 1 and Unit 2, each nominally rated at 245-megawatt. A third coal fired generating unit was retired

from service in June of 2015. See the Plan for a further description of the plant activities and fugitive dust controls.

3.0 FUGITIVE DUST CONTROLS

The Bottom Ash Pond was permanently closed, capped, and seeded in July, 2018. As a result, CCR fugitive dust control measures are no longer necessary for the pond or roadways after July, 2018. However, the plant continues to conduct weekly observations for fugitive dust. The following fugitive dust control measures were implemented during the period prior to Bottom Ash Pond final closure and capping and are 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.
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 Pond	Emissions were controlled by the inherent moisture of the material and timely loading of trucks; and watering 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 (PEC or Plan Contact). In the case of holidays, weekends, or other times when the PEC may not be onsite, the plant guard house or plant general phone number may receive complaint information by telephone that is subsequently provided to the PEC at the earliest convenience. Complaints may also be made to Virginia Department of Environmental Quality, Southwest Regional Office (VADEQ-SWRO) 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 VADEQ-SWRO 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. The Plan was reviewed and revised due to the final closure and capping of the Bottom Ash Pond.

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 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 Regional Director of the VDEQ - SWRO 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.