



TRI-STATE GENERATION AND TRANSMISSION ASSOCIATION, INC.

2023 Fugitive Dust Control Report
Coal Combustion Residuals Rule

Escalante Generating Station
Prewitt, New Mexico

Tri-State Generation and Transmission Association, Inc.
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1.0 Introduction

This Coal Combustion Residual (CCR) annual Fugitive Dust Control Plan report (the Report) is developed for the Escalante Generating Station (the Facility) and Ash Disposal Site (the Site) to meet the requirements of the CCR Operating Criteria.

This Report includes descriptions of measures taken at the Site and Facility to manage CCR-related fugitive dust; discussing citizen complaints received during the year; and summarizing the Site and Facility's corrective measures taken to remedy those complaints. This Report also details requirements for recordkeeping and notification of this Report.

2.0 Facility Description

The Facility is a 273-megawatt coal-fired electric generation facility located near Prewitt, New Mexico. CCR generated at the Facility included fly ash, bottom ash and flue gas desulfurization (FGD) material, which are disposed of onsite at the Site that is owned and operated by Tri-State. The facility stopped generating power on August 31, 2020 and was officially "decommissioned" on November 19, 2020. A new maintenance project was initiated in November 2023 to reconfigure the slope on the east side of the Site. Terraces are being installed on the east slope as well as an access road so that slope lengths are shorter to reduce runoff velocities and minimize slope erosion. In addition, six inches of desert rock will be installed on the surface to armor the slopes against wind and water erosion while still allowing for revegetation. All CCR material removed as a result of cuts to the slope is managed in the Site.

3.0 Fugitive Dust Control Measures

The Facility controlled potential CCR fugitive dust emissions from transfer and transportation operations during the year in the following ways:

- Conditioned CCR during collection and loading as needed
- Limited fall distance from the front-end loader bucket to haul trucks

Transportation of CCR managed potential CCR fugitive dust during the year in the following manner:

- Enforced speed limits for haul trucks
- Maintained road surfaces including sweeping and watering
- Watered haul roads with water or dust suppressant

The Site controlled potential CCR fugitive dust emissions from the placement in the following ways:

- Reduced or halted CCR handling operations during high winds
- Limited fall distance at the Site

- Added moisture to CCR during and after placement
- Compacted CCR after placement
- Applied dust suppressant if moisture conditioning was not sufficient
- Applied soil cover and vegetation

Additional, practical measures taken by Escalante Station that minimized the potential for CCR fugitive dust during the year included:

- Routine visible emissions observations during all three phases of CCR handling to ensure effectiveness of control measures
- Weather conditions are monitored each day of Facility operations. If high winds existed, extra measures were taken to ensure minimization of CCR
- Dust control fencing is in place in strategic areas to control dust coming off the top and along the south side of the Site.
- During construction of the new terraces, six inches of cover material was placed on the top of the Site to minimize the potential transport of CCR materials during higher wind conditions.

4.0 Record of Citizen Complaints

No citizen complaints were received during the previous year.

5.0 Summary of Corrective Measures

No citizen complaints were received during the previous year; therefore, no additional measures were taken to correct citizen complaints above the stated Fugitive Dust Control Measures.

6.0 Reporting

Within 30 days of placement in the Operating Record, the annual report will be posted on Tri-State's publicly accessible website. The New Mexico Environment Department will also be notified within 30 days from the date that the annual report is posted on Tri-State's publicly accessible website according to 40CFR 257.106(d).

7.0 Summary

The fugitive dust control measures selected for controlling CCR fugitive dust at the Site and Facility, as described in this report, represent recognized and generally accepted good engineering practice, are applicable and appropriate for site conditions, and are expected to effectively limit the amount of CCR that becomes airborne at the Site and Facility. Inquiries about this annual report may be directed to:

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