TRI-STATE GENERATION AND TRANSMISSION ASSOCIATION, INC.

2022 Fugitive Dust Control Report
Coal Combustion Residuals Rule

Nucla Ash Disposal Facility
Nucla, Colorado

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 Nucla Generating Station (the Facility) and Ash Disposal Site (the Site) to meet the requirements of the Coal Combustion Residual 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 was a 110-megawatt coal-fired electric generation facility located near Nucla, Colorado. In September of 2019, the Facility was permanently decommissioned and Tri-State completed the process of demolition on April 8, 2022. All CCR materials that were handled on the Facility site were materials that were excavated during demolition and transported for deposition at the Site that is owned and operated by Tri-State and further regulated by the Colorado Department of Public Health and Environment (CDPHE).

The Site is located approximately 4 miles by public road from the Facility. The last CCR material was placed in the landfill at the end of December in 2021, and final closure of the Site was initiated in January of 2022. Completion of final cover placement and grading was achieved on May 26, 2022.

3.0 Fugitive Dust Control Measures

While the Facility was in operation and during Facility demolition and Site closure activities, potential CCR fugitive dust emissions from transfer and transportation operations during the year were controlled in the following ways:

- Conditioned CCR during collection and loading by adding moisture
- Reduced or halted excavation of CCR materials during high winds
- Trucks were positioned such that the minimum height was required for loading operations to minimize the travel distance of the material while loading

Managed potential CCR fugitive dust during transportation in the following manner:

- Covered Haul Truck beds during transportation
- Enforcing established speed limits for haul trucks
- Watered roadways and used gravel surfaces

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 placement
- Compacted CCR after placement
- Applied Soil Cover and Vegetation

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

- Routine visibility observations during all phases of CCR handling to ensure effectiveness of control measures
- Weather conditions were monitored each day of Facility demolition and CCR placement operations. If high winds existed, extra measures were taken to ensure minimization of CCR fugitive dust emissions.

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 CDPHE 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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