



**TRI-STATE GENERATION AND TRANSMISSION ASSOCIATION, INC.**

2017 Fugitive Dust Control Report  
Coal Combustion Residuals Rule

Nucla Generating Station  
Nucla, Colorado

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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 is a 110-megawatt coal-fired electric generation facility located near Nucla, Colorado. CCR generated at the Facility are fly ash and bottom ash, which are disposed of 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.

## 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:

- Baghouse use was in accordance with the Title V Operating Permit
- Pneumatic conveyance for dry CCR handling
- Filtered vents usage
- Telescoping chute usage
- Conditioned CCR during collection and 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
- Comingled fly ash and bottom ash during placement
- 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 three phases of CCR handling to ensure effectiveness of control measures
- Weather conditions were monitored each day of Facility operations. If high winds existed, extra measures were taken to ensure minimization of CCR

## **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**

The CDPHE will also be notified before the close of business of the day the annual report is placed in the Operating Record. Within 30 days of placement in the Operating Record, the annual report will be posted on Tri-State's publicly accessible website.

## **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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