

# **ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

**Muskogee Generating Station  
5501 Three Forks Road, Fort Gibson, OK 74434**

**January 2017 - December 2017**

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## **SECTION 1 - INTRODUCTION**

This document is intended to fulfill the requirements for an Annual Coal Combustion Residuals (CCR) Fugitive Dust Control Report (Annual Report) established in 40 CFR Part 257.80(c). The Annual Report summarizes the activities as described in the Coal Combustion Residual Fugitive Dust Control Plan (CCR Dust Plan) and includes a description of actions taken to control CCR fugitive dust, a record of all citizen complaints, and a summary of any corrective measures taken.

## **SECTION 2 - FUGITIVE DUST CONTROL METHODS**

The following fugitive dust control measures were implemented during the period covered by this Annual Report:

### **2.1 Fly Ash**

#### **2.1.1 Precipitator Hoppers**

Dust from hopper maintenance was minimized by emptying the hoppers as much as possible before opening hatch doors. Ash removed from the hoppers was properly disposed. Clean up methods utilized by personnel included the use of skid-steer loaders, vacuum trucks, shovels, and brooms.

#### **2.1.2 Fly Ash Silo**

The fly ash silos are equipped with vent systems that discharge into the precipitators to prevent the emission of fugitive dust. The silos feature telescoping discharge piping allowing for a zero drop distance when loading trucks. The discharge piping is equipped with a vent system to capture dust during loading. Trucks loaded with ash were enclosed. Fly ash that accumulated at the base of the silos was removed or watered when the possibility of fugitive dust existed.

### **2.2 Bottom Ash**

The main dust suppression associated with bottom ash is that it is wetted. Since bottom ash is sluiced with water to the dewatering bins it is normally a wet material with little to no fugitive dust impacts. Bottom ash that accumulated at the base of the dewatering bins was removed or watered when the possibility of fugitive dust occurred. Trucks loaded with ash were properly tarped when the opportunity for fugitive dust existed.

### **2.3 Economizer Ash**

Economizer ash was stored in a enclosed silo. The silo features a telescoping discharge pipe allowing for a zero drop distance when loading trucks. The discharge piping is equipped with a vent system to capture dust during loading. Trucks loaded with ash were enclosed or properly tarped if the opportunity for fugitive dust existed. Ash that accumulated at the base of the silo was removed or watered when the possibility of fugitive dust existed.

#### **2.4 Non-marketable Ash**

Non-marketable ash was disposed of or moved to the ash staging area. Clean up methods utilized by personnel for non-marketable ash included the use of skid-steer loaders, vacuum trucks, shovels, and brooms. If necessary, water or tarps were applied to non-marketable ash to prevent fugitive dust.

#### **2.5 Ash Staging Area**

The ash staging area has a concrete base and walls that act as a partial wind break. The area was watered when necessary to control dust. Non-marketable and bottom ash material stored in the staging area was loaded into open top trucks with front end loaders and was transported offsite for either beneficial use or disposal. Trucks loaded with ash from the staging area were properly tarped when the opportunity for fugitive dust existed.

#### **2.6 Roads and Drive Areas**

When necessary, watering and the removal of excess ash material was utilized to suppress dust on roads and drive areas. Additionally, the plant has posted speed limits.

### **SECTION 3 - CITIZEN COMPLAINTS**

There were no citizen CCR dust complaints reported during the period covered by this report.

### **SECTION 4 -CORRECTIVE MEASURES**

There were no corrective measures due to citizen complaints necessary during the period covered by this report.

### **SECTION 5 - PLAN ASSESSMENT**

As a part of the Annual Report preparation process the effectiveness of the CCR Dust Plan was assessed and no modifications or additions were determined to be necessary.

## **SECTION 6 - RECORDKEEPING AND INTERNET SITE REQUIREMENTS**

A copy of the Annual Report will be placed in the facility's operating record in accordance with 40 CFR 257.105(g)(2). Additionally, the most recent Annual Report will be maintained on the OG&E CCR Web site in accordance with 40 CFR 257.107(g)(2).