

Annual CCR Fugitive Dust Control Report for Coffeen Power Station

Prepared for:



Illinois Power Generating Company

**Coffeen Power Station
134 Cips Lane
Coffeen, IL 62017**

December 2017

**Coffeen Power Station
ANNUAL CCR FUGITIVE DUST CONTROL REPORT**

Reporting Year: 4th Quarter 2016 through 3rd Quarter 2017

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Name Title

This Annual CCR Fugitive Dust Control Report has been prepared for the Coffeen Power Station in accordance with 40 CFR 257.80(c). Section 1 provides a description of the actions taken to control CCR fugitive dust at the facility during the reporting year, including a summary of any corrective measures taken. Section 2 provides a record of citizen complaints received concerning CCR fugitive dust at the facility during the reporting year, including a summary of any corrective measures taken.

Section 1 Actions Taken to Control CCR Fugitive Dust

In accordance with the Coffeen Power Station CCR Fugitive Dust Control Plan (Plan), the following measures were used to control CCR fugitive dust from becoming airborne at the facility during the reporting year:

CCR Activity	Actions Taken to Control CCR Fugitive Dust
Management of CCR in the facility's CCR units	CCR to be emplaced in the landfill is conditioned before emplacement.
	Wet management of CCR bottom ash and flue gas desulfurization materials in CCR surface impoundments.
	Water areas of exposed CCR in CCR units, as necessary.
	Naturally occurring grass vegetation in areas of exposed CCR in CCR surface impoundments.
Handling of CCR at the facility	Wet sluice CCR bottom ash and CCR gypsum to CCR surface impoundments.
	CCR bottom ash removed from CCR surface impoundments and loaded into trucks for transport remains conditioned during handling.
	Pneumatically convey dry CCR fly ash to storage silo in an enclosed system.

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CCR Activity	Actions Taken to Control CCR Fugitive Dust
Handling of CCR at the facility	CCR fly ash to be emplaced in the landfill is conditioned before emplacement.
	Load CCR transport trucks from the CCR fly ash silo using a chute with a sock (skirt).
	Perform housekeeping, as necessary, in the fly ash loading area.
	Operate fly ash handling system in accordance with good operating and good air pollution control practices.
	Maintain and repair as necessary dust controls on the fly ash handling system.
Transportation of CCR at the facility	CCR to be emplaced in the landfill is conditioned before emplacement.
	Cover or enclose trucks used to transport CCR fly ash.
	Limit the speed of vehicles to no more than 15 mph on facility roads.
	Cover or enclose trucks used to transport CCR other than fly ash, as necessary.
	Sweep or rinse off the outside of the trucks transporting CCR, as necessary.
	Remove CCR, as necessary, deposited on facility road surfaces during transport.
	Water CCR haul roads, including landfill roads, as necessary.

Based on a review of the Plan and inspections associated with CCR fugitive dust control performed in the reporting year, the control measures identified in the Plan as implemented at the facility effectively minimized CCR from becoming airborne at the facility. No revisions or additions to control measures identified in the Plan were needed.

No material changes occurred in the reporting year in site conditions potentially resulting in CCR fugitive dust becoming airborne at the facility that warrant an amendment of the Plan.

Section 2 Record of Citizen Complaints

A call from John Blazis, IEPA, was received on May 1, 2017. A citizen complaint originated on Tuesday, April 25 in reference to fugitive emissions from 'fly ash handling, pug mill, landfill, and associated truck traffic'. Mr. Blazis requested that Coffeen review their dust protocols. Dynegy evaluated their procedures and practices in response to Mr. Blazis' communication and concluded that current practices are adequate. Offsite weather records at a

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meteorological station nearby indicated that winds were gusting into the lower 30 mile per hour range for the time period of 3pm to 6pm on April 26, 2017. The average wind speed at 3:55 on April 25, 2017 was 28.8 mph. Under these windy conditions, control measures may not be adequate to prevent or reduce visible dust emissions from plant activity. Illinois State 35 IAC 212.314 fugitive dust rule allows an exception for excess wind speed greater than 25 mph.