Annual CCR Fugitive Dust Control Report

for

Zimmer Power Plant

Prepared for:

Luminant

Zimmer Power Company LLC

Zimmer Power Plant
1781 US Rt. 52
Moscow, OH 45153

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Zimmer Power Plant
ANNUAL CCR FUGITIVE DUST CONTROL REPORT

Reporting Year: 4th Quarter 2020 through 3rd Quarter 2021

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Title

This Annual CCR Fugitive Dust Control Report has been prepared for the Zimmer Power Plant 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 Zimmer Power Plant 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 loading into vehicles for transport to the landfill.
	Use of natural wind barriers, where possible, while unloading trucks at the landfill.
	Wet management of CCR bottom ash in bottom ash dewatering bins.
	Water, or cover with soil, areas of exposed CCR in CCR units, as necessary.
	Use of a water spray system at landfill during load-in activities.
	Naturally occurring grass vegetation in areas of exposed CCR in CCR surface impoundments.
	Avoid emplacing CCR materials at the landfill during wind conditions that will cause excessive CCR fugitive dust.
Management of CCR in the facility's CCR units	Apply chemical dust suppressant on areas of exposed CCR in CCR units, as necessary.

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CCR Activity	Actions Taken to Control CCR Fugitive Dust
Handling of CCR at the facility	Wet sluice CCR bottom ash to the bottom ash dewatering bins.
	CCR bottom ash is dewatered and loaded into trucks for transport remains conditioned during handling.
	Wet sluiced flue gas desulfurization product materials (gypsum) is dewatered via a vacuum belt and remains sufficiently wet for placement at the FGD pad as well as transporting to the landfill.
	Pneumatically convey dry CCR fly ash to storage silos in an enclosed system.
	CCR fly ash to be emplaced in the landfill is conditioned before loading into trucks for transport to the landfill.
	Load CCR transport trucks from the CCR fly ash silos in an enclosed area with water sprays at the enclosure entrance.
	Load CCR transport trucks from the CCR fly ash silos using a telescoping chute.
	Perform housekeeping, as necessary, in the fly ash loading area.
	Operate fly ash handling system in accordance with good operating 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 loaded into vehicles for transport to the landfill.
	Condition, cover or enclose all materials placed in trucks used to transport CCR materials to the landfill.
	Limit the speed of vehicles to no more than 15 mph on non-landfill facility roads.
	Limit the speed of vehicles traveling on paved landfill roads to no more than 30 mph and the speed of vehicles traveling on unpaved landfill roads to no more than 15 mph.
	Condition, cover or enclose all materials placed in trucks used to transport CCR materials on facility roads, other than the landfill roads, as necessary.
	Sweep or rinse off the outside of the trucks transporting CCR, as necessary.
	Use of a water washing system for the wheels of haul trucks using the landfill roads and parking areas.
	Remove CCR, as necessary, deposited on facility paved road surfaces during transport.
Transportation of CCR at the facility	Apply chemical dust suppressant on unpaved landfill roads at least bi-monthly, or 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

No citizen complaints were received regarding CCR fugitive dust during the reporting year.