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Annual CCR Fugitive Dust Control Report
December 2019-2020

This report fulfills the requirements of 40 CFR §257.80(c), necessitating the filing of an Annual Coal Combustion Residual (CCR) Fugitive Dust Control Report. Included are descriptions of control actions, record(s) of citizen complaints, and description(s) of corrective measures.

To date, the Kansas City Board of Public Utilities (KCBPU) Nearman Creek Power Station (NCPS) has had no fugitive dust emission issues.

1.0 Description of Control Actions

The following methods are employed by NCPS as Fugitive Dust Control Measures:

1.1 Bottom Ash Handling

Currently, no ash is being sluiced to the CCR surface impoundment and all sluice lines have been decommissioned and removed. The bottom ash system was converted to a dry pneumatic system in 2018.

1.2 Flue Gas Desulfurization (FGD) Ash Handling

FGD ash is pneumatically transported from the bottom of the Pulse Jet Fabric Filter (PJFF) and temporarily stored in silos at KCBPU until hauled to a landfill or beneficial use application. All ash is either wetted via pugmill or unloaded dry with a telescopic chute, with over suction, minimizing any fugitive dust emissions. The telescopic chute lowers into haul trucks. All haul trucks are enclosed. Ash loading area is sheltered and has two rolling doors which can be used to fully enclose truck and ash handling equipment.

1.3 Access and Haul Roads

A gravel access road leads from the generating station to the CCR surface impoundment, which is utilized by plant personnel for routine daily operations and maintenance activities.

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Speed limit signs are posted to lower any potential for fugitive dust emissions. Roads entering the NCPS and those adjacent to the generating station, including ones utilized by trucks hauling FGD ash, have been paved with asphalt and generate no fugitive dust emissions.

1.4 CCR Surface Impoundment

The bottom ash is wet sluiced via a pipeline to the CCR surface impoundment. To date, no fugitive dust emissions have occurred at the CCR surface impoundment.

2.0 Citizen Complaints

No citizen complaints have been filed.

3.0 Summary of Corrective Measures

No corrective measures have been necessary for fugitive dust control.

Fugitive dust control measures taken at NCPS are effective and continuously monitored.

Director of Environmental Services

Name: _____