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# Annual CCR Fugitive Dust Control Report

Dolet Hills Power Station

Prepared By:

A handwritten signature in blue ink, appearing to read "Kasey Moore", written over a horizontal line.

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Approved By:

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**Sam Wise**  
Manager - Waste and Water Quality

**Table 2-1: Fly Ash Handling Control Measures**

<b>Control/Activity</b>	<b>Description/Action Taken</b>
General Silo Controls	Prior to November 2021, the storage silo was equipped with negative pressure vent fans. The negative pressure vent fans were operational.
Dry Loading	<p>Prior to November 2021, the dry unloading process included a telescopic chute that lowered into transport trucks. The loading chute had a negative pressure unloader fan to minimize the potential for fugitive dust emissions during unloading. Trucks were enclosed. The unloader fan was utilized during unloading and only enclosed trucks were used.</p> <p>The dry unloading process also included an air slide that conveyed ash for loading into enclosed rail cars. A negative pressure vent fan was used to minimize the potential for fugitive dust emissions during conveying and rail car loading. The air slide and vent fan were operational during unloading and enclosed rail cars were used.</p>
Conveyor to Stackout	<p>Prior to November 2021, the CCR mixture, which had been conditioned with water, was transported to the stackout area via covered conveyor, which minimized potential for fugitive dust emissions. Water was sprayed in the pug mill mixer and at the radial stackout discharge point for dust control.</p>
Landfill Disposal	The conditioned CCR mixture was hauled to the landfill for disposal. The product was already conditioned since it was mixed with wet sludge; however, if the product had dried, it was further wetted with water trucks during placement.

**Table 2-3: Haul Road Dust Control Measures**

<b>Control/Activity</b>	<b>Description/Action Taken</b>
Haul Roads	Haul roads to the landfill and impoundments are mostly gravel and were treated with water trucks as needed for fugitive dust control. Haul roads also have low speed limit signs posted to lower potential for fugitive dust emissions.

#### 2.4 CCR Landfill

CCR materials were hauled from the sludge stackout area (prior to November 2021) and bottom/economizer ash impoundments to the CCR landfill for disposal. Dust control measures are described in Table 2-4.

**Table 2.4: CCR Landfill Control Measures**

<b>Control/Activity</b>	<b>Description/Action Taken</b>
Grading/Construction	Prior to November 2021, the conditioned CCR fly ash/scrubber sludge mixture was hauled to the landfill for disposal. The product was already conditioned since it was mixed with dewatered sludge; however, if the product had dried, it was further wetted with water trucks during placement.
Grading/Construction	Bottom ash and economizer ash were hauled from onsite CCR impoundments to the landfill for disposal. The product was already conditioned due to being handled wet and sluiced to CCR impoundments; however, if the product had dried it was further wetted with water trucks during placement.

