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Annual CCR Fugitive Dust Control Report Coal Combustion Residual Rule Compliance

Facility
Healy Power Plant
2.5 Mile Healy Spur Road
Healy, Alaska

December 2020

1.0 REVISION LOG

Revision Log

Issue No.	Date	Description	Prepared By

2.0 Purpose

On April 17, 2015 the final coal Combustion Residual Rule (CCR Rule) was issued. The CCR rule regulates disposal of coal combustion residual materials generated at coal-fired power plants as solid waste under subtitle D of the Resource Conservation and Recovery Act (RCRA).

Healy Power Plant is an electric power generating facility. It is located in a rural setting on approximately 65 acres of land along the eastern bank of the Nenana River where the Healy Spur Road crosses the Nenana River in Healy, Alaska (Latitude: 63° 51' 30" Longitude: 148° 56' 45"; SW ¼ SW ¼ Section 21, T 12S, R 7W, Fairbanks Meridian). The main access road to Healy Power Plant is approximately 550 feet east from the Nenana River along the Healy Spur Road (Figure 1). Healy Power Plant is located in Healy Creek-Nenana River drainage basin, approximately 0.5 mile north from the confluence of the Nenana River and Healy Creek.

This Annual Coal Combustion Residuals (CCR) Fugitive Dust Control Report is prepared to comply with 40 CFR 257.80(c) for the annual period of October 19, 2019 through October 18, 2020.

3.0 Description of Fugitive Dust Controls

The Healy Power Plant employs the following practices as needed to control CCR fugitive dust from its potential sources.

CCR Source Area	Fugitive Dust Control Measures
Ash Storage Silos	Ash from Unit 2 is temporarily stored in silos prior to transport offsite. CCR materials are conditioned with water prior to transport and loaded into haul trucks within an enclosed loading bay for disposal at Usibelli Coal Mine. Water is applied to the unpaved building entrance and exit as needed to reduce dust from truck traffic.
Coal Ash Ponds	Due to the high moisture content of the coal ash in the ponds, the potential for fugitive dust is minimized.
Ash Drying Area	Stockpiled moist CCR material was loaded into trucks as soon as practicable and hauled to nearby Usibelli Coal Mine for disposal to minimize fugitive dust emissions. Water was applied to adjacent unpaved vehicular travel ways for dust control.
CCR Truck Access Road	Speed limits were utilized to reduce fugitive dust emissions, unpaved access roads were watered as needed to control fugitive dust emissions, and roads were maintained to reduce potential emissions.

4.0 Citizen Complaints

No citizen complaints of CCR fugitive emissions were received during the annual reporting period.

5.0 Corrective Actions

No conditions were observed requiring investigation and/or corrective actions during the reporting period.