

2022 Annual CCR Fugitive Dust Control Report

The Orlando Utilities Commission (OUC) operates the Curtis H. Stanton Energy Center which is subject to the requirements of 40 CFR Part 257, Hazardous And Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities. The requirements for a coal combustion residuals (CCR) fugitive dust control plan are set forth in § 257.80; including under subpart § 257.80 (c), an annual CCR fugitive dust control report.

The fugitive dust control measures for SEC are documented in the signed and sealed SEC Fugitive Dust Control Plan (FDCP). OUC hires an on-site contractor to perform coal combustion residuals (CCR) operations. The contractor has an employee perform visible emission observations each day prior to the start of any CCR operations by driving a small pickup truck along the day's planned delivery route and to the dump zone to determine the potential for any fugitive dust emissions. If dust emissions are present, the roads and dump zone are watered with a watering truck prior to the start of any heavy equipment operations. Sweeping operations may be performed on the paved haul roads, if necessary. In addition, a 15 mile per hour speed limit is posted on the paved roadways.

In August, 2019, OUC hired a contractor to construct a new landfill cell, Cell 2, on the west side of the SEC property, adjacent to the active landfill, Cell 1. The construction contractor prepared a Fugitive Dust Control Plan for their construction activities, under which, dust monitoring observations were performed and recorded twice per day. If dust emissions were present, the following measures were implemented: 1) the roads and construction areas were sprayed with water from a watering truck prior to the start and during any heavy equipment operations; 2) speed limits were controlled as necessary; and 3) temporary soil coverings, including, tarps, were placed during construction activities as necessary to control dust emission and erosion from stormwater. The construction activities were completed on January 14, 2022. Operations of Cell 2 began on April 28, 2022.

No complaints were received during 2022.

OUC will continue to implement the existing Fugitive Dust Control Plan wherein OUC monitors the roadway and applies water as necessary to prevent any visible emissions.

Charles
W Doud

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