



Consulting
Engineers and
Scientists

Fugitive Dust Control Plan

Mercer Generating Station, Mercer, New Jersey

Submitted to:

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Submitted by:

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April 18, 2017
Project 1504710



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Date: 4/17/2017

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1. Introduction

This fugitive dust control plan has been prepared to meet the requirements of 40 CFR 257.80(b).

There are two inactive CCR Surface Impoundments¹ (Impoundments) at the Mercer Station:

- North Fly Ash Pond; and
- South Fly Ash Pond.

This plan addresses the requirements for closure of these Impoundments. Please note that the removal of all CCR within these Impoundments has been completed as of October 19, 2016.

¹ CCR Surface Impoundment is defined at 40 CFR 257.53.

2. Fugitive Dust Control Plan

2.1 CCR Management

The inactive surface impoundments are currently undergoing closure by removal of CCR. CCR removal was completed on October 19, 2016. As such, the generation of fugitive dust from the inactive CCR impoundments is not anticipated.

In the event fugitive CCR is generated, application of water, wet suppression spray, surface stabilizing agent, and/or cover material(s) as needed, will be used to prevent CCR from becoming airborne. Grooming, compaction and hydraulic curing of CCR (some CCR reacts with water to form a hardened hydration product) may also be used to mitigate fugitive dust.

Hauling CCR offsite required trucks to be covered prior to leaving the Station and the CCR does not contain free water. The trucks are required to adhere to the speed limits posted on site to minimize fugitive dust emissions.

The wetting of the CCR to prevent it from becoming airborne and covering the trucks transporting material offsite are appropriate, proven and effective measures to minimize the generation of fugitive dust emission.

2.1.1 Haul Roads

Major haul roads are paved, where possible, to minimize CCR fugitive dust emissions. In the event there is CCR residue on the paved roadway contributing to the fugitive emissions, the roadway is wetted down using water. Unpaved sections of the haul roads will be wetted down using water. Where necessary, stone tracking pads, wash areas or cattle guard grating are used to help remove CCR from truck tires.

The above measures are all appropriate, proven and effective measures to minimize the generation of fugitive dust emissions.

3. Citizen Complaints

Citizen complaints involving CCR fugitive dust events at the Station will be routed to the Station Environmental Manager for the Mercer Generating Station. Citizen complaints are generally received by the PSEG Call Center at (800) 880-7734 (PSEG). The Station Environmental Manager will prepare a complaint summary including information provided by the citizen (such as name, date, time, nature or complaint), a summary of conversations with the citizen and a summary of any actions taken to address the citizen complaint. Complaint summaries will be included in the annual fugitive dust control report as required by 40 CFR 257.80(c).

4. Certification

To meet the requirements of 40 CFR 257.80(b)(7), I, Tyler Schott, hereby certify that I am a licensed professional engineer in the State of New Jersey in accordance with the requirements of Title 45 of the General Statutes of New Jersey and the Rules of the State Board of Professional Engineers and Land Surveyors; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in 40 CFR 257.80.