



# Annual CCR Fugitive Dust Control Report



Reporting period:  
October 2, 2019 to October 30, 2020

## Table of Contents

1.0	Background, information and areas covered under this report .....	1
2.0	Description of Actions Taken .....	1
3.0	Record of Citizen Complaints.....	2
4.0	Summary of Corrective Measures Taken.....	2

## **1.0 Background, information and areas covered under this report**

Title 40 Part 257.80 of the Code of Federal Regulations establishes that the owner or operator of a coal combustion residuals (CCR) unit must prepare an annual CCR fugitive dust control report that includes a description of the actions taken by the owner or operator to control CCR fugitive dust, a record of all citizen complaints, and a summary of any corrective measures taken.

This annual report describes the condition of the fugitive dust control measures present at the AES Puerto Rico facility, taking into account the results of visual inspections and actions taken during the reporting period. The areas covered under this report include the CCR and Agremax™ handling activity areas at the AES Puerto Rico facility. The CCR handling activity areas at the facility are:

- Bottom and fly ash storage silos,
- Pug mill,
- Truck feeding area,
- Elevated conveyors,
- Stockpile area and;
- Truck transportation areas.

The main equipment and structures used for controlling dust emissions include: structural enclosures, a water truck with rear spray nozzles and front water cannon, a broom sweeper, mobile water sprinkler guns, large water hoses, fixed water spray nozzle systems / articulated telescoping spouts at drop and loading / shipping areas, a truck wheel washing station and curved paved haul roads.

## **2.0 Description of Actions Taken**

AES Puerto Rico has implemented a Standard Operating Procedure (SOP) that contains actions to prevent and control CCR fugitive dust emissions. During this period, the Aggremax™ stockpile volume was reduced significantly and the water truck, sprinklers and hoses, were maintained in good operational condition. The broom sweeper that

broke down during the previous reporting period was replaced by a rented unit. Damaged enclosures of the elevated conveyor system were repaired to minimize the possibility of fugitive dust emissions. Operational inspections were performed on a daily basis in order to evaluate the effectiveness of control measures. Inspections record did not show any non-conformance with the SOP or significant problems with any of the other control measures implemented.

Training sessions were provided to the CCR operations personnel during this period to ensure that the dust control practices and SOP requirements are understood and followed.

### **3.0 Record of Citizen Complaints**

No formal citizen complaints were received or reported during this period.

### **4.0 Summary of Corrective Actions Taken**

Corrective actions have been completed, documented and kept in the facility operating record with the Coal Combustion Residuals and Agremax™ Dust Control Plan SOP. In summary, corrective actions generated during this period were mostly related to significantly reducing the volume of Agremax™ in the Agremax™ staging area, repairing elevated conveyor system enclosures and routine maintenance.