



# COAL COMBUSTION RESIDUAL FUGITIVE DUST CONTROL REPORT

*St. Johns River Power Park*

Submitted to:

**St. Johns River Power Park**

11201 New Berlin Road  
Jacksonville, FL 32226 USA

Submitted by:

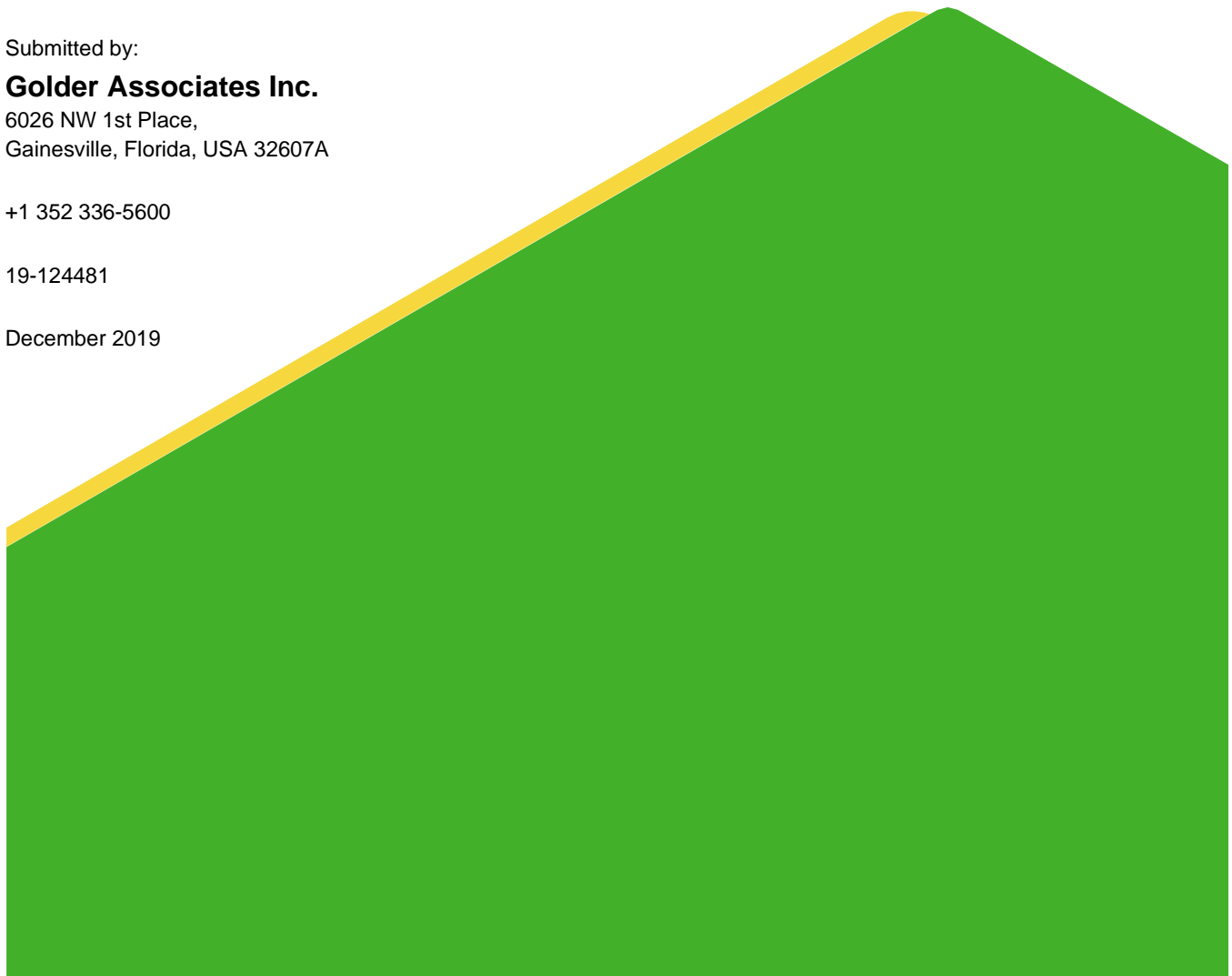
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## 1.0 INTRODUCTION

As part of the Coal Combustion Residuals (CCR) rule, the St. Johns River Power Park (SJRPP) facility adopted measures to effectively minimize CCR fugitive dust from CCR units, roads, and other CCR management and material handling areas. A fugitive dust control plan was prepared in accordance with 40 CFR 60 §257.80(b) and was placed in the Facility's operating record in October 2015. The plan covers the CCR unit, roads, and CCR material and handling activities, identifies fugitive dust sources and control measures, assesses the effectiveness of the fugitive dust control measures, identifies procedures to periodically assess effectiveness, and identifies procedures to log citizen complaints.

The CCR rule requires an annual fugitive dust control report be prepared in accordance with 40 CFR 60 §257.80(c), specifically including the following:

- Description of the actions taken by the owner or operator to control CCR fugitive dust;
- Record of all citizen complaints; and
- Summary of any corrective measures taken.

SJRPP is currently in the process of being decommissioned and has now permanently ceased operations of emissions units located at SJRPP except for emergency fire pump diesel engine No. 7 (EU 059), which will remain in use through the end of 2019 as decommissioning of the facility is underway.

The fugitive dust control plan for SJRPP included landfill Area B, which is a fugitive dust source generated from the unloading and handling of fly ash and bottom ash. Fugitive dust control measures in this area included watering to increase surface moisture content and use of soil cover on the exterior slope to reduce exposure of CCR dust to wind erosion. Since Area B has not been officially closed yet, this dust control report covering Area B is still required.

## 2.0 DUST CONTROL REPORT

The SJRPP is located at 11201 New Berlin Road, in northeast Duval County, Jacksonville, Florida. Before decommissioning, SJRPP consisted of two coal fired steam-electric generation units, designated Units 1 and 2, with a nominal generating capacity of 1,380 MW. The SJRPP was placed into service in 1987 and is co-owned by JEA and Florida Power & Light Company. The primary CCRs generated at SJRPP included fly ash, bottom ash, and synthetic gypsum, a flue gas desulfurization product. In accordance with fugitive dust control plan, SJRPP performed the following:

- Performed periodic assessments on a weekly basis of the fugitive dust control measures;
- Performed routine training of SJRPP personnel which included reviewing the fugitive dust control plan with inspectors and on-location training of personnel with emphasis on the control measures being implemented and identifying when corrective actions are required; and
- Maintained a citizen complaints log.

### 2.1 CCR Fugitive Dust Control Measure

SJRPP used the following various fugitive dust control measures to minimize airborne CCR fugitive dust:

- Conditioning of fly ash (moisture control)<sup>1</sup>;
- Use of truck loading chutes at fly ash and bottom ash silos<sup>1</sup>;
- Use of baghouses to control dust during ash loading operations<sup>1</sup>;
- Regular watering of CCR loading, transport and storage locations;
- Periodic watering and compaction of CCRs placed in Byproduct Storage Area B; and
- Soil cover on exterior slopes of Area B.

### 2.2 Citizen Complaints

No citizen complaints related to CCR fugitive dust were received during the period since placement of the Fugitive Dust Control Plan in the facility's operating records.

### 2.3 Summary of Corrective Actions

No corrective actions were taken during this reporting period.

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<sup>1</sup> Certain CCR fugitive dust control measures have been phased out as SJRPP is being decommissioned and CCRs are no longer being produced by SJRPP.

## Signature Page

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