

TAMPA ELECTRIC COMPANY - BIG BEND POWER STATION

CCR FUGITIVE DUST CONTROL PLAN

I. SCOPE AND APPLICABILITY

This plan is being implemented at the Tampa Electric Company (TEC) Big Bend Station in order to ensure that measures are adopted that will effectively minimize coal combustion residuals (CCRs) from becoming airborne at the facility, in accordance with the provisions of 40 CFR Part 257, Subpart D - Standards For The Disposal Of Coal Combustion Residuals In Landfills And Surface Impoundments. The plan specifically complies with the provisions of Section 257.80 Air Criteria.

II. FUGITIVE DUST CONTROL MEASURES

During windy conditions, various control methods may be employed to abate fugitive emissions from the CCR management and handling activities on the site. These methods may include but are not limited to: operating a water spray or fogging system or applying surfactant solution to the surface of storage piles, reducing fall distances at material drop points; using wind barriers, compaction, or vegetative covers, establishing and enforcing reduced vehicle speed limits; paving and sweeping roads; covering trucks transporting CCRS, reducing or halting operations during high wind events, or applying a daily cover. It is anticipated that the primary methods employed to control dispersion of fugitive dust from the storage areas covered by this plan will include application of water sprays or surfactant solutions by trucks or other mobile spraying equipment. These measures have proven to be the most effective in the past and are most appropriate for these areas because multiple piles of CCRs must be accessed from various perimeter locations. For hauling operations, trucks will be required to be covered prior to transport of CCRs. This method has also been proven effective in the past and is expected to continue to perform accordingly. Watering or sweeping of haul roads will also be used to minimize any other incidental fugitive emissions on the plant site.

III. PROCEDURES TO LOG AND ADDRESS CITIZEN COMPLAINTS

If citizen complaints regarding fugitive dust emissions are received by power station or other TEC personnel, the complaints will be forwarded to the station Environmental Manager and the Environmental Health and Safety Manager, Air Programs for investigation and response, as necessary. The results of the investigations and responses, as well as any necessary corrective actions and/or permanent revisions or enhancements to the above control methods, will be documented in the operating record for the facility.

IV. ANNUAL/PERIODIC REVIEW

This Plan will be reviewed annually, at a minimum, in order to assess its effectiveness. The plan may also be reviewed at any time if the measures and techniques employed by TEC require modification to increase their effectiveness or to address citizen complaints. Reviews will include a consideration of the performance of all measures employed in each storage area and for each materials management or handling activity at the site, including all those listed in section III of this plan. Additionally reviews will include discussion of any citizen complaints received

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during the period of review and TEC responses to these complaints. A Fugitive Dust Control Committee has been formed to conduct the annual and periodic reviews of this plan and consists of the following personnel:

Big Bend Station

Manager, Coalfield and Byproducts Operations (Chair)

Manager Environmental

Environmental Engineer

Environmental Specialist

TEC Environmental Health and Safety

Manager, Air Programs

Sr. Consulting Engineer, Air Programs

Sr. Environmental Administrator

V. AMENDMENT OF PLAN

This plan may be amended at any time as a result of changing conditions such as construction of new CCR storage areas or other management facilities. The plan may also be amended at any time to increase its effectiveness as a result of corrective measures taken to address citizen complaints. Finally, the plan may be amended as a result of the previously described annual review. Any amendments of the plan will be approved by the Fugitive Dust Control Committee and certified by the Qualified Professional Engineer to meet the requirements of Section 257.80.

VI. TRAINING

The Manager, Coalfield and Byproducts Operations will be responsible for ensuring that all byproducts management and operations personnel are knowledgeable of the requirements of this plan. Byproducts personnel will also be trained to monitor site operations, including onsite transportation of CCRs, as well as meteorological and site conditions, to determine if fugitive dust control measures are required. Any of the measures described in Section II of this plan will be implemented, either individually or in combination, as necessary to minimize fugitive emissions from the CCR management units.

VII. ANNUAL CCR FUGITIVE DUST CONTROL REPORT

The Fugitive Dust Control Committee will review all activities related to this plan and prepare an annual report that includes:

- A description of all actions taken during the preceding year to control CCR fugitive dust;
- A record of all citizen complaints;
- A summary of corrective actions to address issues or complaints;
- A record of amendments to the plan.


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VIII. CERTIFICATION

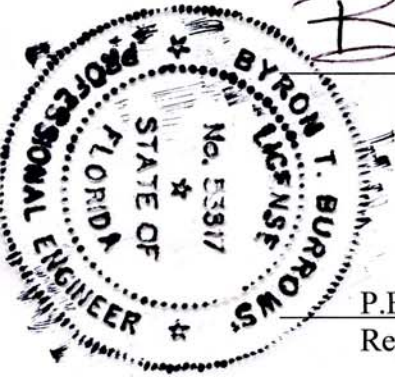
This CCR Fugitive Dust Control Plan has been prepared for Tampa Electric Company's (TEC) Big Bend Station located at 13031 Wyandotte Road, Apollo Beach, Florida. I hereby certify that this plan meets the requirements of Section 257.80 of 40 CFR Part 257, Subpart D. All pages of this document have been reviewed and approved by me as of this date.

Byron T. Burrows, P.E.
Name

Manager, Air Programs
Title


Signature

10/15/15
Date



P.E. No. 53817
Registration Number