FINAL DETERMINATION

PERMITTEE

Terry Woodard, Plant Manager
Florida Power Development, LLC
10311 Cement Plant Road
Brooksville, Florida 34601

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Office of Permitting and Compliance
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Initial Title V Air Operation Permit
Permit No. 0530380-002-AV
Brooksville Power Plant

The purpose of this permitting project is to issue the initial Title V air operation permit for Brooksville Power Plant. The Brooksville Power Plant (aka Central Power and Lime, CPL) is collocated with the Cemex Brooksville South Cement Plant (aka Florida Crushed Stone). The two plants operated under a single facility Title V air operation permit. FPD converted the existing coal-fueled unit to an 80 megawatt, gross woody biomass-fueled power plant to operate as a separate facility.

NOTICE AND PUBLICATION

The Department distributed an Intent to Issue Air Permit package on September 4, 2014. The applicant published the Public Notice of Intent to Issue Air Permit in the Tampa Bay Times on October 8, 2014. The Department received the proof of publication on October 8, 2014.

COMMENTS

No comments were received from the public or the EPA Region 4 office. However, the following comments were received by the applicant, Florida Power Development, LLC.

1. *Comment:* Appendix CAM – please fix formatting error which shows "error bookmark…" related to Word document formatting.

   Response: The Department corrected the formatting error.

2. *Comment:* Permit page 6 – EU 001 – description of system is for three open hoppers. There are four hoppers, each with a capacity of 150 tons/hr.

   Response: The Department corrected the number of open hoppers in the permit.

3. *Comment:* Permit page 13, Condition 29.b – Because the yellow statement below is only for purposes of compliance to the NSPS Subpart Db, we request that the permit specify that to be the case. See our suggested yellow highlight.

   > *…..When NO_X emission data are not obtained because of CEMS breakdowns, repairs, calibration checks and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7 of appendix A of this part, Method 7A of appendix A of this part, or other approved reference methods to provide emission data for a minimum of 75% of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit*

operating days. This standby monitoring requirement applies only to the NO_X emission limit of 0.20 lb/MMBtu per NSPS Subpart Db.

Response: The Department revised Condition 29.b to clarify that alternate testing requirements for the biomass boiler (EU 002) are required when the NO_X CEMS is not operating applies to the NO_X emission standard of 0.20 lb/MMBtu.

CONCLUSION

The final action of the Department is to issue the permit with the minor changes listed above.