FINAL DETERMINATION

Air Construction Permit
Duke Energy Florida, Inc
Crystal River Energy Complex Units 1 and 2
Coal Blend Testing/Post Combustion Controls
DEP File No. 0170004-040-AC

PERMITTEE

Duke Energy Florida, Inc.
299 First Avenue, North
St. Petersburg, Florida 33701

PERMITTING AUTHORITY

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

PROJECT

DEP File No. 0170004-040-AC
Crystal River Energy Complex Units 1 and 2
Coal Blend Testing/Post Combustion Controls
Polk County

Duke Energy operates the existing Crystal River Energy Complex, located in Citrus County at 15760 West Power Line Street in Crystal River, Florida.

This permit authorizes a test burn program for Units 1 and 2 at the Crystal River Energy Complex. The test burn program will involve the temporary installation, testing, and operation of new coal blends, equipment, and process. The coal blending of Powder River Basin with Western Bituminous will be done offsite to reduce fugitive emissions impacts. As part of the test burn program, Units 1 and 2 will have additional temporary post combustion controls such as hydrated lime injection and activated carbon injection upstream to the electrostatic precipitator. This authorization is only for a test lasting no more than ninety days in duration to determine whether this fuel blend along with post combustion controls reduces overall emissions impact. A Prevention of Significant Deterioration review and determinations of Best Available Control Technology (BACT) were not required for the project

NOTICES AND PUBLICATION

The Department distributed the air construction draft permit package on June 14, 2013. The applicant published the Public Notice in Citrus County Chronicle on June 19, 2013. The Department received the proof of publication on July 1, 2013. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received following distribution and publication of the draft permit package.

COMMENTS

No comments on the draft permit were received from members of the public or EPA Region 4. One minor comment was received from the applicant. The comment was related to the correct name for the applicant's company. As of April 29, 2013 the company name was officially changed from "Florida Power Corporation D/B/A Progress Energy Florida, Inc." to "Duke Energy Florida, Inc." This change was made to the draft permit.

CONCLUSION

The final action of the Department is to issue the final permit with the minor change noted above.