FINAL DETERMINATION

PERMITTEE

Florida Power Corporation dba
Progress Energy Florida (PEF)
1601 Weedon Island Drive
St. Petersburg, Florida 33711

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, Special Projects Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. PSD-FL-381A
Project No. 1030011-012-AC
Bartow Repowering Project Permit Modifications
Progress Energy Florida (PEF) Bartow Power Plant

The project is to modify PSD permit [reference: DEP File No. 1030011-010-AC (PSD-FL-381)] that authorized the replacement of the three residual fuel oil-fired steam electrical generators with a natural gas-fueled combined cycle unit and a natural gas-fueled simple cycle unit. The key modification to this PSD permit is the elimination of an interim period during which the four combustion turbines that comprise the combined cycle unit (presently under construction) can operate in simple cycle (higher emitting) mode. This project does not trigger PSD.

NOTICE AND PUBLICATION

The Department distributed a Notice of Intent to Issue Air Permit package on September 8, 2008. The applicant published the Public Notice of Intent to Issue Air Permit in the St. Petersburg Times on September 15. The Department received the proof of publication on September 25.

COMMENTS

No comments on the Draft Permit were received from the applicant, the public, the Pinellas County Department of Environmental Management Air Quality Division, the Department's Southwest District Office, the EPA Region 4 Office, the National Park Service or the U.S. Fish and Wildlife Service.

Clarification Regarding Condition 6:

The Department added a note to Condition 6 regarding the tuning of combustors. The drafted language striking VOC from the condition (as originally drafted) could have been misconstrued to infer that tuning prior to initial testing does not seek to insure compliance with the VOC emission limit. Instead of striking VOC from the condition, a note will be added indicating that testing is not required during tuning. VOC testing to demonstrate compliance with the applicable limit is nevertheless required by permit conditions.

CONCLUSION

The final action of the Department is to issue the permit as noted during the public notice period.