P.E. CERTIFICATION STATEMENT

PERMITTEE

Florida Power Corporation d/b/a
Progress Energy Florida, Inc.
1729 Baillies Bluff Road
Holiday, Florida 34691-9753

Draft Permit No. 1010017-013 -AC (PSD-FL-419)
Progress Energy Anclote Power Plant
SIC Code: 4911 - Electric Services
Natural Gas Conversion Project

PROJECT DESCRIPTION

The project is to convert Anclote Units 1 and 2 and associated equipment from present use of heavy fuel oil and natural gas to exclusive use of natural gas. Briefly, the project will include: installation of additional natural gas burners to the existing natural gas burners; fuel gas heaters; modifications to the natural gas delivery systems; replacement of the existing natural gas metering and regulating station; furnace superheater surface area reductions; disabling of residual fuel oil firing capability; upgrade of superheater metallurgy; and upgrade of the burner control and management system.

This project is subject to the general preconstruction review requirements in Rule 62-212.300, Florida Administrative Code (F.A.C.) and the preconstruction review requirements for major stationary sources specified in Rule 62-212.400, F.A.C. – Prevention of Significant Deterioration (PSD).

CO and NO_X emissions will be controlled by good combustion practices including burning of inherently clean natural gas and implementation of close coupled overfire air (CCOFA). The Department will limit NO_X emissions to 0.30 pounds per million Btu of heat input (lb/MMBtu) on a 12-month rolling average as measured by the existing continuous emission monitoring systems (CEMS). The Department is specifying as Best Available Control Technology (BACT), a CO emission standard of 0.15 lb/MMBtu on a 30-day rolling average as measured by continuous emissions monitoring systems (CEMS) on each unit and a visible emission standard of 15% as measured by a continuous opacity monitoring system (COMS) on each unit. Natural gas use constitutes BACT from two small natural gas heaters required for the project.

I HEREBY CERTIFY *that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, civil, mechanical, structural, hydrological, geological, and meteorological features).*

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Alvaro Linero, P.E. (Date)
Registration Number 26032