P.E. CERTIFICATION STATEMENT

PERMITTEE

Florida State University
990 Learning Way
Tallahassee, Florida 32306

Project No. 0730010-005-AC
Central Utilities Plant
Minor Source Air Construction Permit
Boiler No. 2 Replacement
Leon County, Florida

PROJECT DESCRIPTION

The Central Utilities Plant has three boilers which provide domestic hot water for dormitories, building heating systems, and scientific research facilities. This project replaces existing 46 MMBtu/hr Boiler #2 which has a capacity of 39,000 pounds per hour of saturated 125 psig steam with a new 94.68 MMBtu/hr unit with a capacity of 80,000 pounds per hour of saturated 125 psig steam. The hours of operation of the existing boilers 1 and 3 will be limited such that the project will result in a net decrease in potential emissions of combustion products and keep facility emissions under Title V thresholds.

The new combination of fossil fuel boilers has a heat input capacity of greater than 250 MMBtu/hr (261 MMBtu/hr) and a PTE of more than 100TPY for NOx. The facility would become a major stationary source for PSD if not for the limits placed on the hours of operation of the existing boilers to limit the combined facility NOx emissions to less than 100 TPY.

The new boiler will be subject to 40 CFR 60 subpart Dc.

The Department's full review of the project and rationale for issuing the draft permit is provided in the Technical Evaluation and Preliminary Determination.

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, mechanical, structural, hydrological, geological, and meteorological features).*

/s/

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Armando I. Sarasua, P.E.
License Number 52403

/May 25, 2011/

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(Date)