

## Walker, Elizabeth (AIR)

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**From:** Heron, Teresa  
**Sent:** Friday, June 12, 2009 3:16 PM  
**To:** Walker, Elizabeth (AIR)  
**Subject:** FW: RBEC and CCEC-- Draft Aux & Temporary Boiler Language

For Riviera files: I don't know if you have this

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**From:** Osbourn, Scott [mailto:Scott\_Osbourn@golder.com]  
**Sent:** Friday, June 05, 2009 10:28 AM  
**To:** Linero, Alvaro; Heron, Teresa  
**Cc:** Hathaway, Richard; Lorne, Jacquelyn; Merrill, Rich; Herron, Christopher; McCann, Bob  
**Subject:** RBEC and CCEC-- Draft Aux & Temporary Boiler Language

This email serves to follow up on our discussions earlier this week on the permit conditions related to the use of the auxiliary boiler and the temporary boiler at both the RBEC and the CCEC facilities. Condition 2 below provides the operating hour restrictions for the auxiliary boiler—in this case, we have now divided the restriction into 2 phases: a construction phase and a permanent operating phase after construction. The intended uses are as follows:

**Construction phase**-- supports startup, testing and commissioning of Unit 5. [Unit 3 for CCEC]. During the construction phase, the auxiliary boiler will be used for: 1) initial blows of the auxiliary steam systems, 2) gas turbine combustion cooling steam, 3) steam turbine steam seal supply and 4) steam jet air ejector operation. These will be all during the start-up, commissioning and testing period. The statement about auxiliary systems during startup (see below for permanent operation) applies during commissioning as well.

**Permanent operation**-- supplies auxiliary systems as necessary for the startup of the Unit.

Based on the above descriptions of required operation during both the construction and the continuing operation phases, FPL requests the following revised permit language:

### AIR CONSTRUCTION PERMIT

#### AUXILIARY BOILER REQUIREMENTS

1. Equipment: The permittee is authorized to install, operate, and maintain one auxiliary boiler with a maximum design heat input of 99.8 mmBtu/hr (85,000 lb/hr) to produce steam during start up of the CTG. **The permittee is authorized to operate the auxiliary boiler during the construction period of Unit 5. [Unit 3 for CCEC], as well as during permanent operation after the completion of construction.**

[Applicant Request; Rule 62-210.200(PTE), F.A.C.]

2. Hours of Operation: The hours of operation of the auxiliary boiler shall not exceed **750 [1000 for CCEC]** hours per year. **Prior to expiration of this permit and commencement of commercial operation of the combined cycle system which it supports, the auxiliary boiler shall not exceed 4000 hours per year.**

[Applicant Request; Rule 62-210.200(PTE), F.A.C.]

#### TEMPORARY BOILER REQUIREMENTS

8. Equipment: The permittee is authorized to install, operate, and maintain a temporary boiler during the construction of the RBEC [or CCEC] with a maximum design heat input of 110 mmBtu/hr.

[Applicant Request; Rule 62-210.200(PTE), F.A.C.]

9. Hours of Operation: The hours of operation of the temporary boiler shall not exceed **4000** hours per year and the temporary boiler shall not operate beyond the expiration date of this permit.

[Applicant Request; Rule 62-210.200(PTE), F.A.C.]

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