

# Florida Department of Environmental Protection

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Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

June 14, 2007

ELECTRONIC MAIL - RECEIVED RECEIPT REQUESTED

[allengk@gru.com](mailto:allengk@gru.com)

Mr. George K. Allen,  
Assistant General Manager -- Energy Supply  
City of Gainesville, GRU  
P. O. Box 147117 (A132)  
Gainesville, Florida 32614-7117

Re: DEP File No. 0010006-005-AC  
Air Quality Control System Addition  
Deerhaven Generating Station -- Unit 2

Dear Mr. Allen:

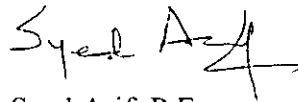
The Department has received the additional information on May 15, 2007 in response to our request for information letter dated April 23, 2007. Based on review of this information, we have determined that additional information is needed in order to continue processing this application package. Please submit the information requested below to the Department's Bureau of Air Regulation:

1. Please provide cold start-up procedures for Unit 2. In providing this information indicate the fuel used in different stages of start-up procedure. Indicate the time consumed for each phase of fuel change during the start-up. Also, provide historical start-up data for Unit 2 for the last three years (2003-2006) in terms of how many cold and warm start-ups were conducted. Provide the time it took for the unit to bring on-line for each of those start-ups.
2. Provide information on operational difficulties in starting up with compliance (0.8 weight percent sulfur) coal. What difficulties can be expected if two different grades of coal are required to be on site?
3. Please provide emissions analyses for SO<sub>2</sub> during start-up for compliance coal as well as high sulfur (2.5 weight percent) coal.
4. Provide information on critical parameters for the AQCS equipments for start-up requirements. The critical parameters should include temperature, pressure, gas flow rates and time, etc.

Rule 62-4.050(3), F.A.C. requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. Permit applicants are advised that Rule 62-4.055(1), F.A.C. requires applicants to respond to requests for information within 90 days.

We will be happy to meet and discuss the details with you and your staff. I may be contacted at 850/921-9528.

Sincerely,



Syed Arif, P.E.  
Bureau of Air regulation

/sa

cc: Jim Little, EPA ([little.james@epa.gov](mailto:little.james@epa.gov))  
D. Morse, NPS ([dec\\_morse@nps.gov](mailto:dec_morse@nps.gov))  
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