



Bernie M. Cumble
Manager, Crystal River Fossil
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January 30, 2007

Thomas G. Rogers, Administrator
Air Modeling and Data Analysis Section
Division of Air Resource Management
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 5500
Tallahassee, Florida 32399-2400

RE: BART REPORT FOR PROGRESS ENERGY FLORIDA'S CRYSTAL RIVER PLANT

Dear Mr. Rogers:

The enclosed report presents the BART exemption modeling analysis results for Progress Energy Florida's (PEF) Crystal River Power Plant. This report is being provided to the Florida Department of Environmental Protection (FDEP) to satisfy any remaining requirements under the BART Rule (40 CFR 51, Subpart P) and proposed Rule 62-296.340 of the Florida Administrative Code (F.A.C.) as it pertains to this facility. The source information and methodologies used for the BART analysis for this power plant are the same as those presented in the document entitled "Air Modeling Protocol to Evaluate Best Available Retrofit Technology (BART) Options for PEF", submitted to the FDEP in 2006. A copy of this document has been included for reference in Appendix A to the report. For the Crystal River Power Plant, the BART-eligible units are not exempt from BART determination. As a result, this report includes a BART determination analysis.

Based on these modeling results, the maximum visibility impacts showed no improvement over the base case, even when assuming a control level for PM emissions that is comparable to recent BACT determinations. As a result, PEF believes that no further PM controls are required for the Crystal River Power Plant under proposed Rule 62-296.340(5)(c), F.A.C.

A CD containing the air modeling files used for the BART modeling analyses will be forwarded to you shortly. Should you have any questions, please contact Dave Meyer by email at dave.meyer@pgnmail.com or by telephone at (727) 820-5295.

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this document is being submitted. I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate, and complete.

Sincerely,


Bernie M. Cumble
Plant Manager/Responsible Official

Enclosures
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Crystal River, FL 34428

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