



December 18, 1995

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BUREAU OF
AIR REGULATION

Mr. Syed Arif
Department of Environmental Protection
2600 Blair Stone Road, MS 48
Tallahassee, FL 32399-2400

Re: Seminole Power Plant, Unit 1
Petroleum Coke Testburn

Dear Syed:

This letter is to notify the Department of a change to our petroleum coke testburn at the Seminole Plant, Unit 1 in Palatka. On Thursday, December 14, 1995, during a compliance stack test for a 30% petcoke/coal blend, we experienced a malfunction of our flue gas desulfurization system. A quick inspection of the FGD system showed broken headers in the mist eliminator area. Broken headers apparently allowed limestone carryover to the stack, resulting in the limestone being emitted as particulate matter. Particulate matter during this test averaged 0.061 #/MMBTU. We have suspended the 30% petcoke blend and have returned to a 20% petcoke blend at load following, as we proceed to inspect and repair the scrubber modules. The 20% petcoke blend had an average particulate matter emission rate of 0.029 #/MMBTU. At this time we believe the FGD malfunction was not caused by the use of petcoke.

We plan to burn a 20% petcoke blend until December 20, then suspend the use of petcoke until after the holidays. We will perform a stack test utilizing 100% Pattiki coal (baseline) on December 28 and again attempt a 30% petcoke blend on January 4. I will keep you apprised of our continued progress in this test process. If you have any questions, please give me a call.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Kenneth L. Bachor'.

Kenneth L. Bachor
Manager of Environmental Licensing

dc

cc: M. Opalinski