

March 29, 2011



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AIR REGULATION

Jeff Koerner, P.E.,  
Administrator New Source Review  
Division of Air Resource Management  
Florida Department of Environmental Protection  
2600 Blair Stone Road, MS 5500  
Tallahassee, Florida 32399-2400

Re: NCRRF Unit 1: Notification of Additional Initial Performance Stack Testing  
Title V Air Construction Permit #0990234-18-AC/ PSD-FL-I08H

Dear Mr. Koerner:

This is to notify you in writing that additional initial performance stack testing for Unit 1 will be performed at the Solid Waste Authority's North County Resource Recovery Facility starting on April 18, 2011. The Authority completed initial performance testing of Unit 1 in December 2010.

As part of the construction, commissioning, start-up and optimization of Unit 2, several minor modifications were made to the Activated Carbon Injection ("ACI") system, including the installation of a different metering screw feeder. These changes have reduced carbon leakage issues and resulted in a modified range of carbon injection for Unit 2. The Authority would like to implement these same ACI system changes for Unit 1 and, once these changes are made, needs to repeat the initial performance test for mercury, metals and dioxin/furan. During this repeated initial performance testing for Unit 1 a new carbon injection rate will be established for mercury. The additional testing for Unit 1 will be conducted by South Florida Environmental Services as follows: mercury and other metals testing on April 18<sup>th</sup> and dioxin/furan testing on April 19<sup>th</sup> and 20<sup>th</sup>. It is anticipated that the testing is to begin at 8:30 am.

As provided in the FDEP issued letter of authorization, September 17, 2010, the unit was granted a waiver to operate above the Title V permit dry scrubber 300 deg F (4 hr-block average) temperature limit during initial performance testing. During this additional initial performance testing, the unit will be operated pursuant to the revised Permit No. PSD-FL-108H and may exceed the Title V permit maximum dry scrubber temperature (300F, 4- hr block average).

If you have any questions or comments please contact Mary Beth Morrison at (561) 640-4000 ext. 4613.

Sincerely,

Mark Hammond  
Executive Director

Cc: J Holtom (FDEP, Tallahassee) L Anderson, W Forrest (FDEP, SE District Office)  
M B Morrison, R Worobel (SWA) L Richter (Malcolm Pirnie)