

December 23, 2009

Mr. Marc Harris
Florida Department of Environmental Protection
2600 Blair Stone Road
Mail Station 3545
Tallahassee, FL 32399-2400



CERTIFIED MAIL - # 7009 0960 0001 2159 6850

Re: Ash Pond Certification for Plant Scholz (NPDES Permit FL0002283)

Dear Mr. Harris:

This letter serves to certify that, as required by Condition I.E.12 of the above referenced permit, the Plant Scholz ash pond dike and toe areas were periodically inspected in 2009 for structural integrity. There were no breaches or structural defects observed that resulted in a discharge to surface waters of the United States.

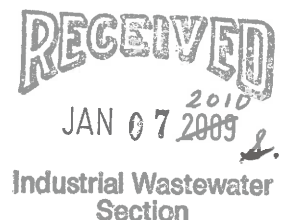
Additionally, as required by Condition I.E.15, this letter serves to certify that the ash pond provides the necessary minimum wet weather detention volume to contain the combined volume for all direct rainfall and all rainfall runoff to the pond resulting from the 10-year, 24-hour rainfall event and maximum dry weather plant waste flows which could occur during a 24-hour period. Using data from an ash pond physical survey conducted in October 2009, attached are the calculations for the current available detention volume. Based on these numbers, there will be a buffer space of at least 7,390 cubic yards available in the pond beyond the minimum required for 2010.

If you have any questions or need additional information, please contact Ms. Susan Kennedy at (850) 444-6153.

Sincerely,

James O. Vick
Environmental Affairs Director

Cc: (electronic) Kenny Peacock – Plant Scholz
Jora Maxwell – Plant Scholz
Mike Markey – Gulf Power
Kevin Beaty – Gulf Power



Scholz 2009 Ash Pond Certification

I.	Available Volume based on 2009 physical survey	29,900 yd ³
II.	Plus Approximate Total Ash Removed from Pond 2009	35,000 yd ³
III.	Total Detention Volume Available 2009:	64,900 yd³
IV.	Total Detention Volume Required for Certifying Pond in 2009:	
	1. Total Projected Ash to Pond in 2010: (43,909 tons coal)(11.41% ash**)(2000 lbs/ton)(ft ³ /80 lbs)(yd ³ /27 ft ³)	4,639 yd ³
	2. 24 hour wet and dry weather flows to ash pond: (From 1992 NPDES permit)	<u>52,871 yd³</u> 57,510 yd ³
V.	Remaining Detention Buffer Area in Pond: (65,164 yd ³) – (57,510 yd ³)	7,390 yd³

**Ash content is a projected average based on projected coal burn

^Based on data from Jan-Nov 2009 and projections for Dec 2009

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Industrial Wastewater
Section