



October 7, 2005

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BUREAU OF AIR REGULATION

Mr. Ajaya Satyal
Palm Beach County Health Dept.
Air Section
901 Evernia Street
P.O. Box 29
West Palm Beach, Fl. 33402-0029

RE: **Florida Power & Light Company**
Riviera Power Plant
Monthly Fuel Analysis Report
Title V Permit No.: 0990042-001-AV

As required by the Title V Air Operation Permit for the units at the above facility, enclosed are the analyses of fuel oil fired for the month of September, 2005 sampling period.

Specific condition A.37.f.(1) of our Title V Air Operation Permit requires the reporting of used oil received and burned each month. No used oil was received or burned at this facility during this calendar month or in the previous 12-month period.

If you have any questions regarding the analyses, please call me at (561) 845-3154.

Sincerely,

A handwritten signature in cursive script that reads "Jeff Smith".

Jeff Smith
Production Manager
Riviera Plant

Enclosures (1)

CC: Department of Environmental Protection

Testing Facility
 FPL Central Laboratory
 6001A Village Blvd.
 West Palm Beach, Fl 33407
 Phone # (561) 640-2055

State of Florida Certification Numbers
 Environmental Chemistry: E56078
 CompQAP/QA Manual #: 920041

Customer Address
 Riviera Power Plant

Report of Analyses For: Riviera Power Plant - Monthly #6 "As Fired" - Sept.

Lab Sample #	Field Sample #	Parameter	Sample Collection Date	Analysis Date	EPA Method	Result / Units	Qual.	MDL
05-PRV-09-0001		API Gravity @ 60 F	09/30/2005	10/04/2005	ASTMD4052	11.4 DEG.	-	N/A
05-PRV-09-0001		Ash Content	09/30/2005	10/04/2005	ASTMD473	0.04 %	-	N/A
05-PRV-09-0001		Heat of Combustion (per Barrel)	09/30/2005	10/04/2005	ASTMD240	6376 MBTU	-	N/A
05-PRV-09-0001		Heat of Combustion (per pound)	09/30/2005	10/04/2005	ASTM D240	18407 BTU	-	n/a
05-PRV-09-0001		Metals: Calcium (in fuel)	09/30/2005	10/04/2005	ICP	18 MG/KG	-	n/a
05-PRV-09-0001		Metals: Magnesium (in fuel)	09/30/2005	10/04/2005	D5683	<10 MG/KG	U	n/a
05-PRV-09-0001		Metals: Phosphorus (in fuel)	09/30/2005	10/04/2005	D5683	<10 MG/KG	U	n/a
05-PRV-09-0001		Metals: Potassium (in fuel)	09/30/2005	10/04/2005	D5883	<10 MG/KG	U	n/a
05-PRV-09-0001		Metals: Sodium (in fuel)	09/30/2005	10/04/2005	ASTMD5683	<10 MG/KG	U	n/a
05-PRV-09-0001		Metals: Vanadium (in fuel)	09/30/2005	10/04/2005	ASTMD5683	56 MG/KG	-	n/a
05-PRV-09-0001		Metals: Zinc (in fuel)	09/30/2005	10/04/2005	ICP	<10 MG/KG	U	n/a
05-PRV-09-0001		Sulfur content	09/30/2005	10/04/2005	ASTMD4294	0.94 %	-	N/A
05-PRV-09-0001		Sulfur Dioxide Emission Rate	09/30/2005	10/04/2005	Calc.	1.0 #/MMBTU	-	N/A

Samples Analyzed By: Elisa Ostertag
 Samples Approved By: Bryon T. Billman
 Result Comments: U - Analyzed but not detected.
 Sample Comments:
 Parameter Comments:
 Routing: Gary Moncrief PRV/PRV

File Index: A-PRV-1