

=====
 Florida Power Corp
 Unit P9
 Orlando, Florida
 =====

Today's Date: 07/18/2007
 Time: 09:49:34

Reporting Period
 Day: 07/18/2007

Time	Online qtrs	Load MWge	Boiler Mins	DAILY NOX SUMMARY			Oil gal	Gas hscfh
				CO2 %	NOX ppm	NOX lb/mmBtu		
0000	OFFLINE							
0100	OFFLINE							
0200	OFFLINE							
0300	OFFLINE							
0400	OFFLINE							
0500	OFFLINE							
0600	2.00	7.6	30.0	2.1	16.3	0.132	5.3	0.0
0700	4.00	79.8	60.0	4.7	40.1	0.145	14.0	0.0
0800	4.00	79.9	60.0	4.7	40.7	0.147	14.0	0.0
0900	OFFLINE							
AVG		27.9		1.9	16.2	0.071	5.5	0.0

C - Out of Control F - Fans Off
 D - Out of Service I - Insufficient Data
 A - Calibration Error X - Calibration Expired
 M - Maintenance Fault

=====
 Florida Power Corp .
 Unit P7
 Orlando, Florida
 =====

Today's Date: 07/18/2007
 Time: 09:48:35

Reporting Period
 Day: 07/18/2007

Time	Online qtrs	Load MWge	Boiler Mins	DAILY NOX SUMMARY			Oil gal	Gas hscfh
				CO2 %	NOX ppm	NOX lb/mmBtu		
0000	OFFLINE							
0100	OFFLINE							
0200	OFFLINE							
0300	OFFLINE							
0400	OFFLINE							
0500	OFFLINE							
0600	2.00	10.5	30.0	1.9I	14.2I	0.127	6.5	0.0
0700	4.00	78.8	60.0	4.8	43.3	0.153	14.0	0.0
0800	4.00	78.8	60.0	4.7	43.7	0.158	14.1	0.0
0900	OFFLINE							
AVG		28.0		1.9	16.9	0.073	5.8	0.0

C - Out of Control F - Fans Off
 D - Out of Service I - Insufficient Data
 A - Calibration Error X - Calibration Expired
 M - Maintenance Fault

Calculation of Average Emissions

Test Performed For:
 Progress Energy Florida
 IC
 P7 and P9
 Oil Compliance
 Date:7/18/07

Test Performed By:
 C.E.M. Solutions, Inc.
 1183 E. Overdrive Circle
 Hernando, FL 34442
 Ph: 352-489-4337
 Run 1

Calibration Gas Value	Initial Calibration	Final Calibration	Average
0.00 percent O ₂	0.02 %	0.02 %	0.02
10.50 percent O ₂	10.26 %	10.25 %	10.25
0.00 percent CO ₂	0.07 %	0.05 %	0.06
9.10 percent CO ₂	9.10 %	9.12 %	9.11
0.0 ppm CO	0.3 ppm	0.3 ppm	0.31
19.1 ppm CO	19.1 ppm	19.1 ppm	19.08

Mean Reference Values:

13.73 percent O₂
 5.13 percent CO₂
 0.6 ppm CO

Corrected Results:

14.10 percent O₂
5.10 percent CO₂
0.3 ppm CO

Basis:

DRY
 DRY
 DRY

Emission Calculations:

0.0010 CO Lbs/mmBtu From CO₂
0.00 CO Lbs/Hr From CO₂

0.3 CO @ 15% O₂ From CO₂

Bwa: **2.70 %**

Fuel Factors:

1420 scf/mmBtu
 9190 dscf/mmBtu
 10320 wscf/mmBtu

Fuel Analysis: **19910 Btu/Lb**
 Oxygen Correction: **15.00 %**

PRELIMINARY

C. Horton

Compliance Summary

Test Performed For:
 Progress Energy Florida
 IC
 P9
 Oil Compliance
 Date: 7/18/07

Test Performed By:
 C.E.M. Solutions, Inc.
 1183 E. Overdrive Circle
 Hernando, FL 34442
 Ph: 352-489-4337

Run Number	Units	Run 1	Average	Standard
Date of Run	2007	18-Jul		
Start Time		8:18:00		
Stop Time		9:18:00		
Unit Load	MW	0.00	0.0	
Fuel Heat Value	Btu/Lb	19910	19910	
CO / CO ₂	Lbs/mmBtu	0.0010	0.001	
CO / CO ₂	ppm@15% O2	0.3	0.3	
CO / CO ₂	Lbs/Hr	0.00	0.00	54.0

PRELIMINARY

C. Horst

Calculation of Average Emissions

Test Performed For:
 Progress Energy Florida
 IC
 P7 and P9
 Oil Compliance
 Date: 7/18/07

Test Performed By:
 C.E.M. Solutions, Inc.
 1183 E. Overdrive Circle
 Hernando, FL 34442
 Ph: 352-489-4337
 Run 1

Calibration Gas Value	Initial Calibration	Final Calibration	Average
0.00 percent O ₂	-0.05 %	-0.09 %	-0.07
10.50 percent O ₂	10.42 %	10.37 %	10.40
0.00 percent CO ₂	0.04 %	0.00 %	0.02
9.10 percent CO ₂	9.12 %	9.22 %	9.17
0.0 ppm CO	0.0 ppm	0.1 ppm	0.07
19.1 ppm CO	19.0 ppm	19.1 ppm	19.06

Mean Reference Values:
 13.84 percent O₂
 5.22 percent CO₂
 0.1 ppm CO

Corrected Results:
 14.00 percent O₂
 5.20 percent CO₂
 0.1 ppm CO

Basis:
 DRY
 DRY
 DRY

Emission Calculations:

0.0000 CO Lbs/mmBtu From CO₂
 0.00 CO Lbs/Hr From CO₂

0.1 CO @ 15% O₂ From CO₂

Bwa: 2.70 %

Fuel Factors:

1420 scf/mmBtu
 9190 dscf/mmBtu
 10320 wscf/mmBtu

Fuel Analysis: 19910 Btu/Lb
 Oxygen Correction: 15.00 %

PRELIMINARY

C. Horton

Compliance Summary

Test Performed For:
 Progress Energy Florida
 IC
 P7
 Oil Compliance
 Date: 7/18/07

Test Performed By:
 C.E.M. Solutions, Inc.
 1183 E. Overdrive Circle
 Hernando, FL 34442
 Ph: 352-489-4337

Run Number	Units	Run 1	Average	Standard
Date of Run	2007	18-Jul		
Start Time		8:18:00		
Stop Time		9:18:00		
Unit Load	MW	0.00	0.0	
Fuel Heat Value	Btu/Lb	19910	19910	
CO / CO ₂	Lbs/mmBtu	0.0000	0.000	
CO / CO ₂	ppm@15% O2	0.1	0.1	
CO / CO ₂	Lbs/Hr	0.00	0.00	54.0

PRELIMINARY

C. Horton