



**TAMPA ELECTRIC**  
January 31, 2002

Mr. Scott M. Sheplak, P.E.  
Florida Department of Environmental Protection  
Division of Air Resource Management  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

Via FedEx  
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BUREAU OF AIR REGULATION

**Re: Tampa Electric Company  
Polk Power Station  
Unit 1 Combustion Turbine  
Permit No. 1050233-009-AV  
Petcoke Additional Monitoring Report**

Dear Mr. Sheplak:

Enclosed, please find the additional monitoring emissions compliance report for tests performed on December 19, 2001.

As stated in the Summary of Results, below is a list of results:

- Nitrogen Oxides (NO<sub>x</sub>) - calculated average was 138 pounds per hour and 137.8 pounds per hour for the 30-day rolling average; permit limit 220.25 pounds per hour
- Sulfur Dioxide (SO<sub>2</sub>) - calculated average was 315 pounds per hour and 273 pounds per hour for the 30-day rolling average; permit limit 357 pounds per hour
- Sulfuric Acid Mist (H<sub>2</sub>SO<sub>4</sub>) - calculated average was 26.7 pounds per hour; permit limit 55 pounds per hour

Per Conditions A.54 and A.55, Tampa Electric Company (Tampa Electric) shall annually maintain and submit to the Department Continuous Emissions Monitor (CEMs) data demonstrating the gasification of a blend of petcoke and coal up to 60% petcoke did not result in a significant emissions increase of NO<sub>x</sub> and SO<sub>2</sub> when compared to the past actual coal levels. Per Condition A.56, Tampa Electric shall annually maintain and submit to the Department test results demonstrating the gasification of a blend of petcoke and coal up to 60% petcoke did not result in a significant emissions increase of sulfuric acid mist when compared to the past actual coal levels. The following sections demonstrate Tampa Electric's compliance with these conditions.

Presented below in Table 1 is Polk Power Station's historical NO<sub>x</sub> and SO<sub>2</sub> data from 1998 and 1999, before Unit 1 was permitted to gasify blends of petcoke and coal.

**TABLE 1. Historical Emissions (Based on 1998 and 1999 AOR's)**

	NO <sub>x</sub> [tons/yr]	SO <sub>2</sub> [tons/yr]	Oil Fired Hours	Syngas Fired Hours
1998	589	1,321	665	5,171
1999	608	1,183	680	5,989
<b>Average</b>	<b>599</b>	<b>1,252</b>	<b>673</b>	<b>5,580</b>

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Mr. S.M. Sheplak, P.E.

January 31, 2002

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Table 2 provides Polk Power Station's analyses based on 2001 CEMs data compared to the past actual coal levels, as requested by the Department, to demonstrate the gasification of a blend of petcoke and coal up to 60% petcoke did not result in a significant emissions increase of NO<sub>x</sub> and SO<sub>2</sub>.

**TABLE 2. Analysis - 55% Petcoke, 45% Coal Blend (Based on 2001 data)**

Parameter	2-year Average Historical Emissions	2001 Actual Emissions <sup>(1)</sup> (55% Petcoke 45% Coal Blend)	Difference	Above Actual Coal Levels?
NO <sub>x</sub> [tons/yr]	599	490	-109	No
SO <sub>2</sub> [tons/yr]	1,252	909	-343	No

(1) Sample Calculation for 2001 NO<sub>x</sub> Emissions:

$$0.081 \frac{\text{lb NO}_x}{\text{MMBtu}} * 1,692 \frac{\text{MMBtu}}{\text{hr}} * 5,580 \frac{\text{Hours}}{\text{yr}} + 2,000 \frac{\text{tons}}{\text{lb}} + \left( .16 \frac{\text{tons NO}_x}{\text{hr}} * 673 \frac{\text{Oil fired hrs}}{\text{yr}} \right) = 490 \frac{\text{tons NO}_x}{\text{yr}}$$

Sample Calculation for 2001 SO<sub>2</sub> Emissions:

$$0.186 \frac{\text{lb SO}_2}{\text{MMBtu}} * 1,692 \frac{\text{MMBtu}}{\text{hr}} * 5,580 \frac{\text{Hours}}{\text{yr}} + 2,000 \frac{\text{tons}}{\text{lb}} + \left( .0461 \frac{\text{tons SO}_2}{\text{hr}} * 673 \frac{\text{Oil fired hrs}}{\text{yr}} \right) = 909 \frac{\text{tons SO}_2}{\text{yr}}$$

Table 3 provides Polk Power Station's analyses based on the 2001 stack test data compared to the past actual coal levels, as requested by the Department, to demonstrate the gasification of a blend of petcoke and coal up to 60% petcoke did not result in a significant emissions increase of sulfuric acid mist.

**TABLE 3. Analysis - 55% Petcoke, 45% Coal Blend (Based on 2001 Stack Test Data)**

Parameter	2000 Baseline Historical Emissions	2001 Actual Emissions <sup>(2)</sup> (55% Petcoke 45% Coal Blend)	Difference	Above Actual Coal Levels?
H <sub>2</sub> SO <sub>4</sub> [tons/yr]	86.8	74.4	-12.4	No

(2) Sample Calculation for 2001 H<sub>2</sub>SO<sub>4</sub> Emissions:

$$267 \frac{\text{lb H}_2\text{SO}_4}{\text{hr}} * 5,580 \frac{\text{Hours}}{\text{yr}} + 2,000 \frac{\text{tons}}{\text{lb}} = 74.4 \frac{\text{tons H}_2\text{SO}_4}{\text{yr}}$$

As evidenced by the data above, NO<sub>x</sub>, SO<sub>2</sub> and H<sub>2</sub>SO<sub>4</sub> emissions resulting from the combustion of syngas produced from the gasification of petcoke and coal blends do not increase above the past actual coal levels. If you have any questions, please telephone Raiza Calderon or me at (813) 641-5261.

Sincerely,



Laura Crouch  
Manager - Air Programs  
Environmental Affairs

EA/bmr/RC108

c/enc: Mr. Jerry Kissel, FDEP SW  
Mr. Bill Proses, FDEP

**EMISSIONS TEST REPORT  
OXIDES OF NITROGEN, SULFUR DIOXIDE  
and  
SULFURIC ACID MIST  
DECEMBER 19, 2001  
POLK POWER STATION  
FACILITY ID NUMBER: 1050233  
EMISSION UNIT ID NO: -001  
UNIT 1**

Prepared For:  
Tampa Electric Company  
Polk Power Station  
P.O. Box 111  
Tampa, Florida 33601-0111

Prepared By:  
Tampa Electric Company  
Environmental Affairs Department  
Environmental Services, Air Services Group



Environmental Services  
Air Services Group  
5010 Causeway Boulevard  
Tampa, Florida 33619- 6130

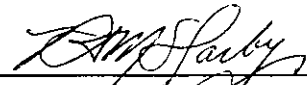
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**REPORT CERTIFICATION**


BUREAU OF AIR REGULATION

I have reviewed the test performance, the resulting calculations, and contents of this report, and verified that all project quality objectives have been met.

Date 1/29/2002 Signature 


Senior Environmental Technician  
Quality Assurance/Quality Control Specialist  
Air Services  
Environmental Affairs  
Tampa Electric Company

The sampling, analysis and calculations performed for this report were carried out under my direction, and I hereby certify that this test report is authentic and accurate to the best of my knowledge.

Date 01/29/02 Signature 

Environmental Technician  
Report Author  
Air Services  
Environmental Affairs  
Tampa Electric Company

I have reviewed the testing details and results in this report, and hereby certify that this test report is authentic and accurate to the best of my knowledge.

Date 1/29/02 Signature 

Coordinator  
Air Services  
Environmental Affairs  
Tampa Electric Company

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## **1.0 INTRODUCTION**

On December 19, 2001, the Air Services group of Tampa Electric Company performed an emissions test while firing Petcoke on Unit No. 1 at the Polk Power Station, (operating permit No. 1050233-001-AV, Airs # 1050233). The emission test was conducted to measure pollutant emissions while firing syngas that was gasified from a blend of 55 % Petcoke and 45% coal. Operational data during the fuel blend testing can be found in Appendix C.

Unit No. 1 is an integrated coal gasification combined cycle (IGCC) generating unit. The combustion turbine is normally fired with syngas. Nitrogen Oxides and Sulfur Dioxide data were measured and recorded using Continuous Emission Monitoring System (CEMS) during the test. All emission tests were performed following the procedures and quality control guidelines given in 40 CFR 60 Appendix A -Test Methods.

The sulfuric acid mist ( $H_2SO_4$ ) emissions rate for the test was derived from 3, one hour test runs. The calculated average was 0.012 lbs./MMBtu and 26.7 lbs./hr. The FDEP allowable emission rate is 55 lbs/hr (30 day rolling average).

The sulfur dioxide ( $SO_2$ ) emissions rate was derived from CEMS data collected during the test period. The calculated average was 0.186 lbs./MMBtu and 315 lbs./hr. The 30-day rolling average for the month of December 2001 was 273 lbs./hr. The FDEP allowable 30-day rolling average emission rate is 357 lbs./hr.

The nitrogen oxides ( $NO_x$ ) emissions rate was derived from CEMS data collected during the test period. The calculated average was 0.081 lbs./MMBtu and 138 lbs./hr. The 30-day rolling average for the month of December 2001 was 137.8 lbs./hr. The FDEP allowable 30-day rolling average emission rate is 220.25 lbs./hr.

Section 2.0 presents a brief source description and diagram of the sample point



Section 2.0 presents a brief source description and diagram of the sample point locations.

Section 3.0 outlines the procedures and test methods used along with diagrams of sampling trains used.

Section 4.0 presents the test results and comparison tables.

All supporting documentation, field data sheets, laboratory data, sample calculations, calibration data, and quality assurance/quality control measures are included in the appendices to this report.

## **2.0 SOURCE DESCRIPTION**

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Polk Power Station is located at County Road 630 approximately 13 miles southwest of Bartow in Polk County, Florida. Unit No. 1 is integrated coal gasification combined cycle (IGCC) generating unit. Its net capacity is 192 MW when fired with Syngas fuel. The source sampling location consists of a circular stack 19 ft. in diameter with four sample ports located 90° apart on the stack circumference. A diagram of the stack sampling location is included in Figure 1 along with other pertinent information on the test site.

During the test performed on December 19, 2001, the Unit No. 1 combustion turbine was operated at an average megawatt output of 185, and an average heat input rate of 1692 MMBtu/hr.

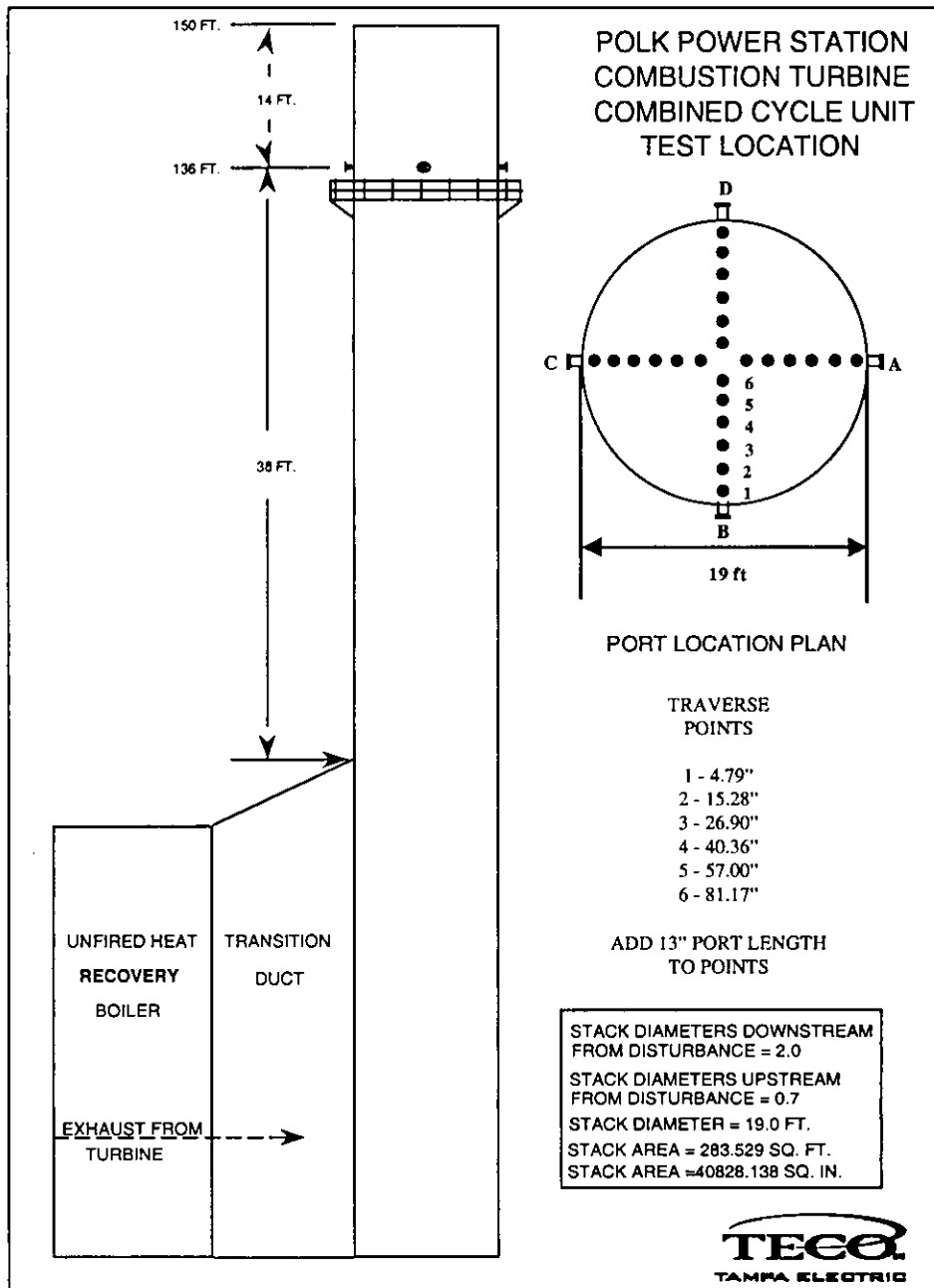


FIGURE 1

### **3.0 TEST PROCEDURES/SAMPLING TRAIN DIAGRAMS**

Sulfuric Acid Mist sampling was performed according to U.S. EPA Method 8 "Determination of Sulfuric Acid Mist and Sulfur Dioxide Emissions from Stationary Sources". Sampling was performed using the equipment depicted on Figure 2.

Sulfur Dioxide (SO<sub>2</sub>), Nitrogen Oxides (NO<sub>x</sub>) and Opacity emissions were taken from the Continuous Emissions Monitoring System (CEMS) readings.

Gas sampling and analysis was performed according to U.S. EPA Method 3-B "Gas Analysis for Determination of Emission Rate Correction Factor, or Excess Air ". Sampling was performed using the equipment depicted in Figure 3 and 4.

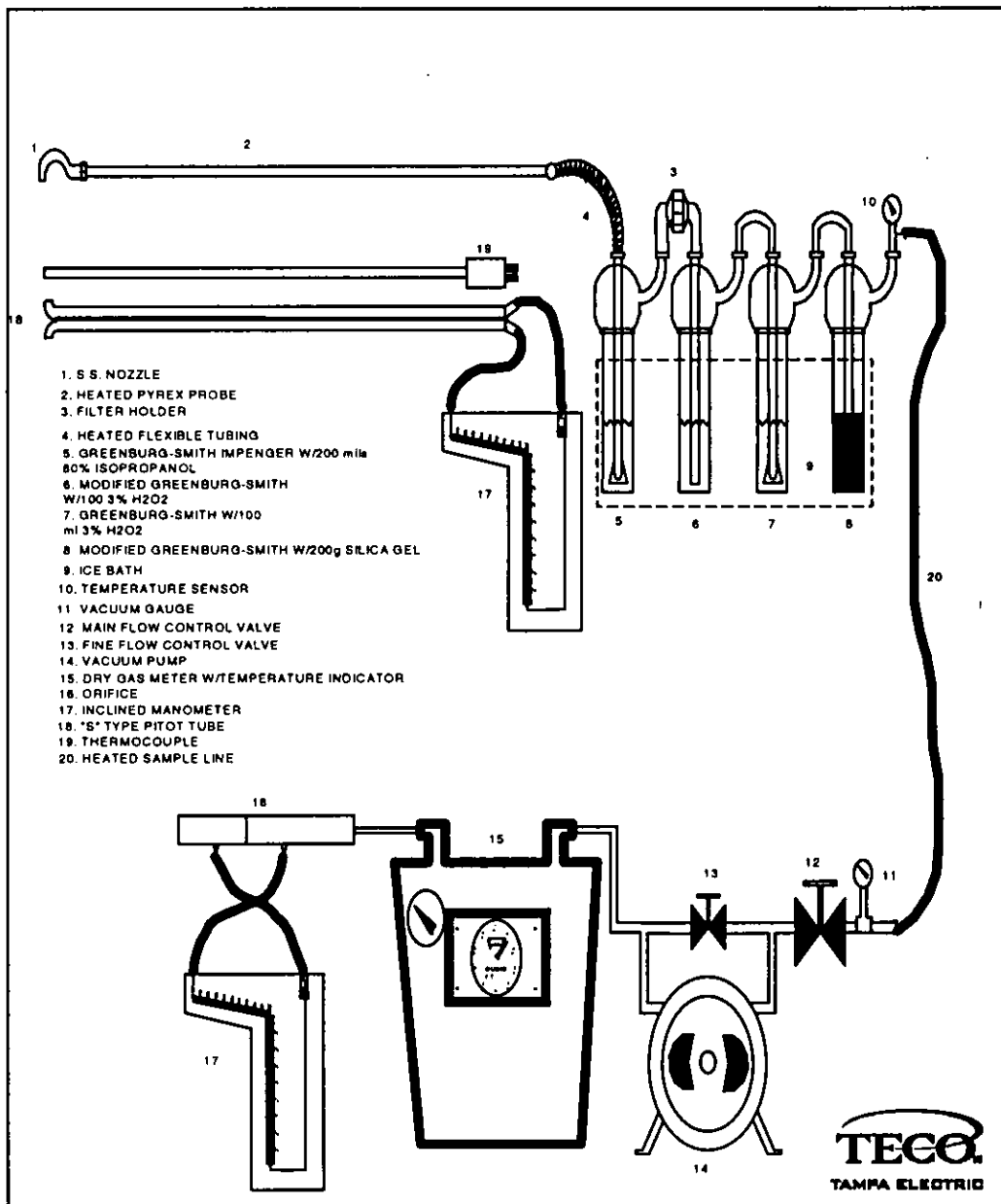


FIGURE 2  
 SULFURIC ACID MIST SAMPLING TRAIN  
 USEPA METHOD 8

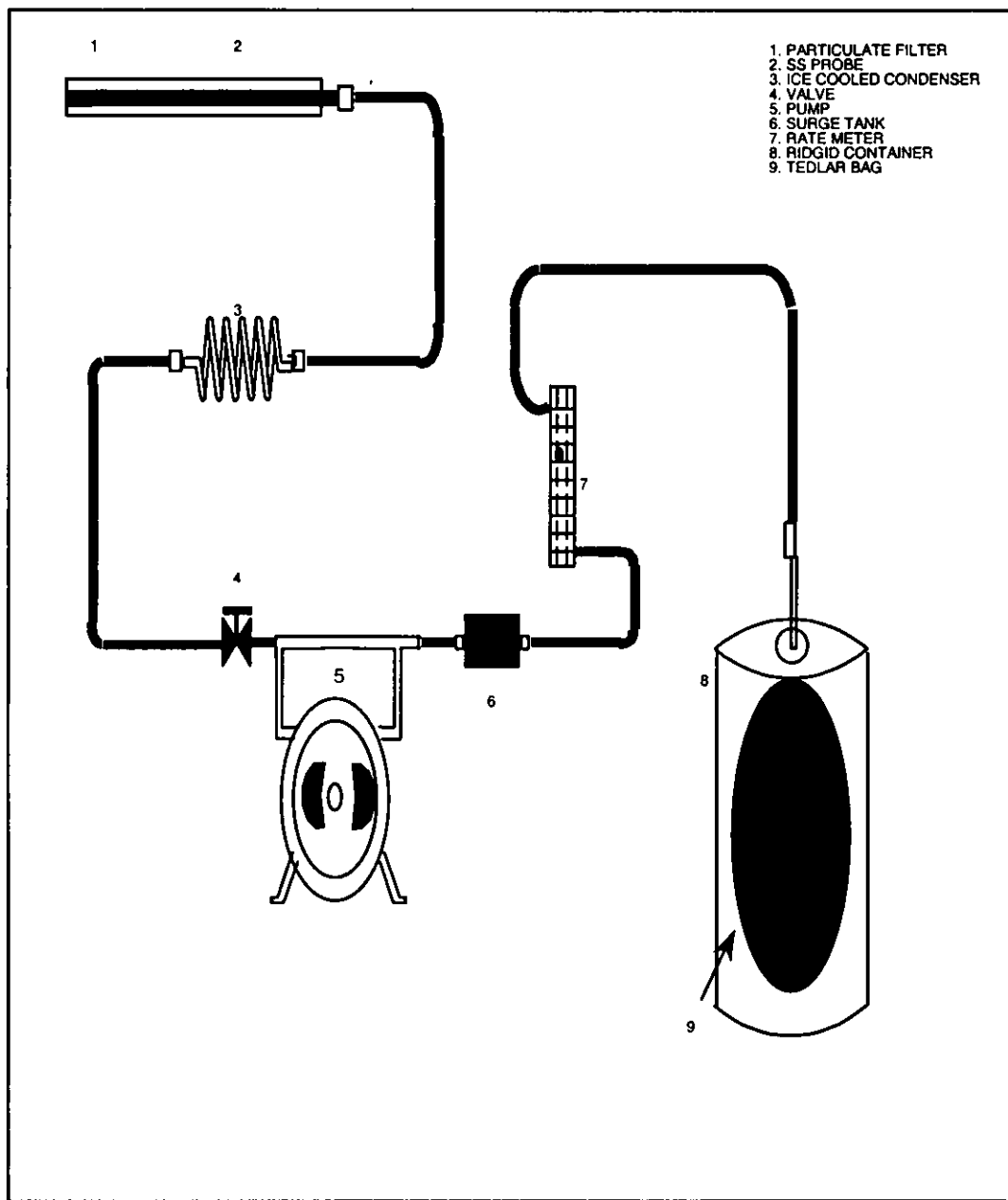


FIGURE 3  
 INTEGRATED GAS SAMPLING TRAIN  
 USEPA METHOD 3-B



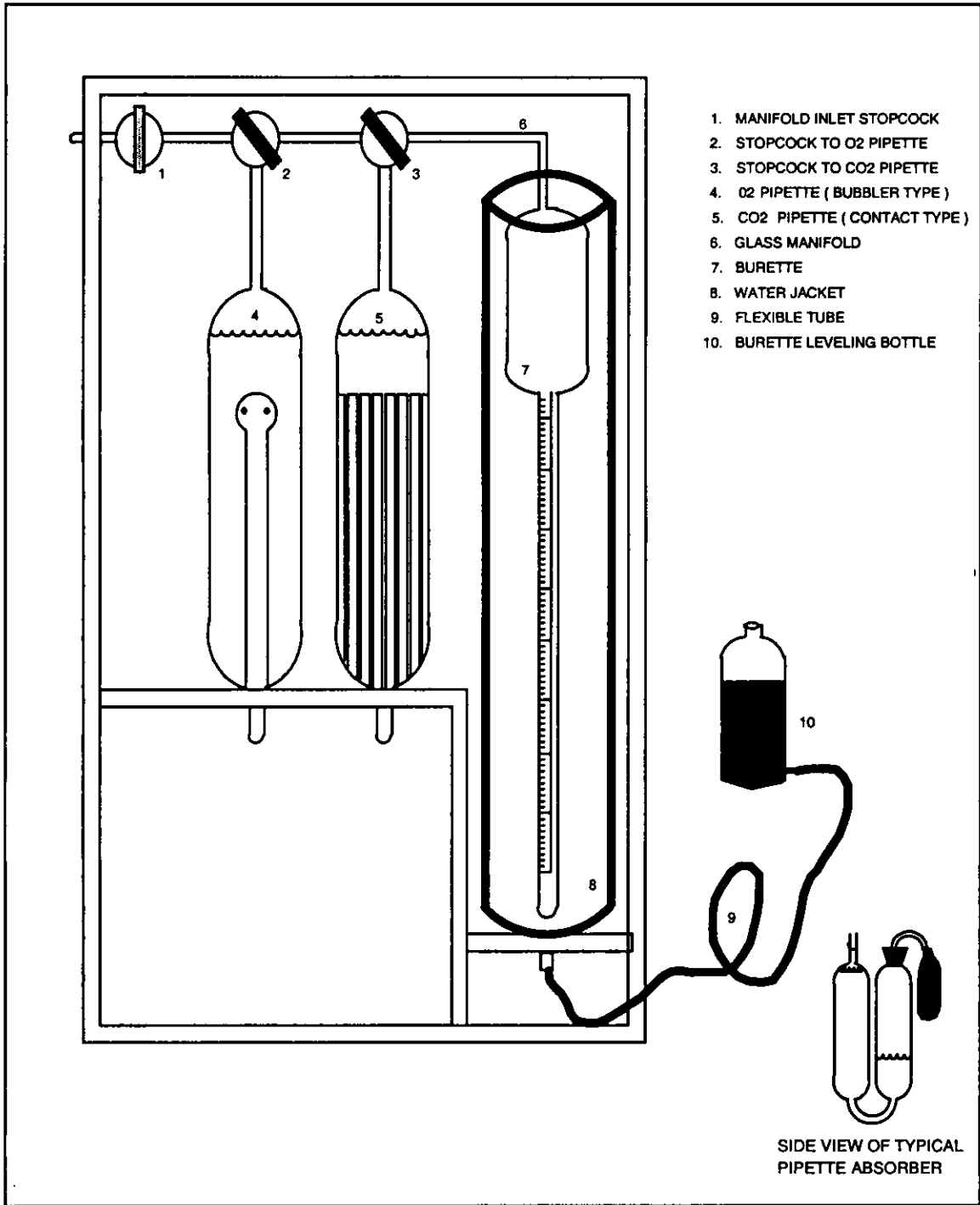


FIGURE 4  
 ORSAT ANALYZER  
 USEPA METHOD 3-B

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#### 4.0 SUMMARY OF RESULTS

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Table 1 presents the Continuous Emission Monitoring System (CEMS) data averages measured during the test period for each pollutant parameters described below.

<b>TABLE 1 POLK POWER STATION UNIT NO. 1 CONTINUOUS EMISSION MONITOR DATA</b>		
<b>PARAMETER</b>	<b>CONCENTRATION</b>	<b>EMISSION RATE</b>
SO <sub>2</sub>	315	lbs/hr
NO <sub>x</sub>	138	lbs/hr

Table 2 presents USEPA Method 8 stack test data averaged from three, one hour test runs.

<b>TABLE 2 POLK POWER STATION UNIT NO. 1 SULFURIC ACID MIST SAMPLING RESULTS</b>		
<b>PARAMETER</b>	<b>CONCENTRATION</b>	<b>EMISSION RATE</b>
H <sub>2</sub> SO <sub>4</sub>	.012	lbs/MMBtu
H <sub>2</sub> SO <sub>4</sub>	26.7	lbs/hr



APPENDIX A

SOURCE TEST CALCULATIONS



40 CFR 60, Appendix A - Test Methods  
Method 8 Test Calculations  
Test Summary

Plant: Polk Power Station Unit 1  
Date: 12/19/2001  
Sampling Location: Stack  
Operating Conditions: 55% Blend Petcoke/Coal

	Run #2	Run #3	Run #4	Average
Gas Flow Rate				
acfm	1368594.5	1361789.8	1347329.8	1359238.0
dscfm	855724	850821.9	847149.2	851231.7
Average Stack Temperature, °F	328.6	329.2	326.7	328.2
% Isokinetic	99	99.4	99.1	99.2
Moisture, %H <sub>2</sub> O	5.7	5.7	5.4	5.6
Sampled Volume, dscf	40.721	40.657	40.32	40.566
Condensate Volume, ml	52.1	51.7	49.2	51.0
Meter Temperature, °F	80.2	80.8	81.5	80.8
Average heat input MMBtu/hr	1692	1692	1692	1692
C <sub>H<sub>2</sub>SO<sub>4</sub></sub> , lb/dscf:	4.488E-07	5.066E-07	6.124E-07	5.226E-07
E <sub>H<sub>2</sub>SO<sub>4</sub></sub> lb/MMBtu=	0.01	0.012	0.014	0.012
E <sub>H<sub>2</sub>SO<sub>4</sub></sub> lb/hr=	23.043	25.862	31.128	26.677

40 CFR 60, Appendix A - Test Methods  
Method 8 Test Calculations  
Run Number 2

Plant: Polk Power Station Unit 1  
Date: 12/19/2001  
Sampling Location: Stack  
Operating Conditions: 55% Blend Petcoke/Coal

Sample Time, 0:	60 minutes	Nozzle Diameter, D <sub>n</sub> :	0.204 inches
Barometric Pressure, P <sub>b</sub> :	29.7 " Hg	Nozzle Area, A <sub>n</sub> :	0.000227 ft. <sup>2</sup>
Stack Pressure, P <sub>s</sub> :	29.63 " Hg	Average Orifice Meter, Δh:	1.516 " H <sub>2</sub> O
Effective Stack Area, A <sub>s</sub> :	283.529 ft. <sup>2</sup>	Sample Volume, V <sub>m</sub> :	42.066 ft. <sup>3</sup>
Pitot Coefficient, C <sub>p</sub> :	0.84 dimensionless	Average Meter Temp., T <sub>m</sub> :	80.2 °F
Gas Analysis:	7.7 % CO <sub>2</sub>	Average Stack Temp., T <sub>s</sub> :	328.6 °F
	11.7 % O <sub>2</sub>	Average √Dp:	1.17 " H <sub>2</sub> O
	0.0 % CO	Condensate Volume, V <sub>lc</sub> :	52.1 ml
	80.6 % N <sub>2</sub>	Meter Box Y:	0.994 dimensionless

**Data Calculated from Source Measurements:**

$V_{w(std)} = 4.714E-02 \times V_{lc}$	2.456 scf
$V_{m(std)} = 17.647 \times V_m \times Y \times (P_b + (DH / 13.6)) / (T_m + 460)$	40.721 dscf
$B_{ws} = V_{w(std)} / (V_{m(std)} + V_{w(std)})$	0.057 %
$FDA = 1.0 - B_{ws}$	0.943 %
$M_d = (0.44 \times \%CO_2) + (0.32 \times \%O_2) + (0.28 \times (\%N_2 + \%CO))$	29.7 lb/lb mole
$M_s = (M_d \times FDA) + (18.0 \times B_{ws})$	29.03 lb/lb mole
$v_s = 85.49 \times C_p \times (\sqrt{\Delta p}) \times (\sqrt{(T_s + 460)} / (M_s \times P_s))$	80.45 ft/second
$Q_s = v_s \times A_s \times 60$	1368594.5 acf/minute
$Q_{s(std)} = Q_s \times FDA \times (528 / (T_s + 460)) \times (P_s / 29.92)$	855724 dscf/minute
$I = (T_s + 460) \times ((2.67E-03 \times V_{lc}) + (V_{m(std)} / 17.647)) \times 100 / (q \times P_s \times A_n \times v_s \times 60)$	99 %

**Data from Laboratory Analysis:**

Normality of Barium Chloride titrant, N	0.0106 meq/ml
Volume Titrant Blank, V <sub>tb</sub>	0.01 ml
Volume Titrant Sample, V <sub>t</sub>	3.2 ml
Volume of Sample Aliquot, V <sub>a</sub>	100 ml
Total Volume of Solution, V <sub>soln</sub>	500 ml

**Calculated Data from Laboratory Analysis:**

$C_{H_2SO_4} = 1.081E-04 \times (N \times (V_t - V_{tb}) \times (V_{soln} / V_a)) / V_{m(std)}$	4.488E-07 lb/dscf
$E_{H_2SO_4} = C_{H_2SO_4} \times Q_{s(std)} \times 60$	23.043 lb/hour
$E_{H_2SO_4} = C_{H_2SO_4} \times F\text{-factor} \times (20.9 / (20.9 - \%O_2))$	0.01 lb/MMBtu

40 CFR 60, Appendix A - Test Methods  
Method 8 Test Calculations  
Run Number 3

Plant: Polk Power Station Unit 1  
Date: 12/19/2001  
Sampling Location: Stack  
Operating Conditions: 55% Blend Petcoke/Coal

Sample Time, $\theta$ :	60 minutes	Nozzle Diameter, $D_n$ :	0.204 inches
Barometric Pressure, $P_b$ :	29.70 " Hg	Nozzle Area, $A_n$ :	0.000227 ft. <sup>2</sup>
Stack Pressure, $P_s$ :	29.63 " Hg	Average Orifice Meter, $\Delta P$ :	1.503 " H <sub>2</sub> O
Effective Stack Area, $A_s$ :	283.529 ft. <sup>2</sup>	Sample Volume, $V_m$ :	42.048 ft. <sup>3</sup>
Pitot Coefficient, $C_p$ :	0.84 dimensionless	Average Meter Temp., $T_m$ :	80.8 °F
Gas Analysis:	8.0 % CO <sub>2</sub>	Average Stack Temp., $T_s$ :	329.2 °F
	12.0 % O <sub>2</sub>	Average $\sqrt{Dp}$ :	1.165 " H <sub>2</sub> O
	0.0 % CO	Condensate Volume, $V_{lc}$ :	51.7 ml
	80.0 % N <sub>2</sub>	Meter Box Y:	0.994 dimensionless

**Data Calculated from Source Measurements:**

$V_{w(std)} = 4.714E-02 \times V_{lc}$	2.437 scf
$V_{m(std)} = 17.647 \times V_m \times Y \times (P_b + (DH / 13.6)) / (T_m + 460)$	40.657 dscf
$B_{ws} = V_{w(std)} / (V_{m(std)} + V_{w(std)})$	0.057 %
$FDA = 1.0 - B_{ws}$	0.943 %
$M_d = (0.44 \times \%CO_2) + (0.32 \times \%O_2) + (0.28 \times (\%N_2 + \%CO))$	29.76 lb/lb mole
$M_s = (M_d \times FDA) + (18.0 \times B_{ws})$	29.09 lb/lb mole
$v_s = 85.49 \times C_p \times (\sqrt{\Delta p}) \times (\sqrt{(T_s + 460)} / (M_s \times P_s))$	80.05 ft/second
$Q_s = v_s \times A_s \times 60$	1361789.8 acf/minute
$Q_{s(std)} = Q_s \times FDA \times (528 / (T_s + 460)) \times (P_s / 29.92)$	850821.9 dscf/minute
$I = (T_s + 460) \times ((2.67E-03 \times V_{lc}) + (V_{m(std)} / 17.647)) \times 100 / (q \times P_s \times A_n \times v_s \times 60)$	99.4 %

**Data from Laboratory Analysis:**

Normality of Barium Chloride titrant, N	0.0106 meq/ml
Volume Titrant Blank, $V_{tb}$	0.01 ml
Volume Titrant Sample, $V_t$	3.46 ml
Volume of Sample Aliquot, $V_a$	100 ml
Total Volume of Solution, $V_{soln}$	521 ml

**Calculated Data from Laboratory Analysis:**

$C_{H_2SO_4} = 1.081E-04 \times (N \times (V_t - V_{tb}) \times (V_{soln} / V_a)) / V_{m(std)}$	5.066E-07 lb/dscf
$E_{H_2SO_4} = C_{H_2SO_4} \times Q_{s(std)} \times 60$	25.862 lb/hour
$E_{H_2SO_4} = C_{H_2SO_4} \times F\text{-factor} \times (20.9 / (20.9 - \%O_2))$	0.012 lb/MMBtu

40 CFR 60, Appendix A - Test Methods  
Method 8 Test Calculations  
Run Number 4

Plant: Polk Power Station Unit 1  
Date: 12/19/2001  
Sampling Location: Stack  
Operating Conditions: 55% Blend Petcoke/Coal

Sample Time, $t$ :	60 minutes	Nozzle Diameter, $D_n$ :	0.204 inches
Barometric Pressure, $P_b$ :	29.70 " Hg	Nozzle Area, $A_n$ :	0.000227 ft. <sup>2</sup>
Stack Pressure, $P_s$ :	29.63 " Hg	Average Orifice Meter, $\Delta P$ :	1.477 " H <sub>2</sub> O
Effective Stack Area, $A_s$ :	283.529 ft. <sup>2</sup>	Sample Volume, $V_m$ :	41.756 ft. <sup>3</sup>
Pitot Coefficient, $C_p$ :	0.84 dimensionless	Average Meter Temp., $T_m$ :	81.5 °F
Gas Analysis:	7.7 % CO <sub>2</sub>	Average Stack Temp., $T_s$ :	326.7 °F
	11.8 % O <sub>2</sub>	Average $\sqrt{Dp}$ :	1.154 " H <sub>2</sub> O
	0.0 % CO	Condensate Volume, $V_{lc}$ :	49.2 ml
	80.5 % N <sub>2</sub>	Meter Box Y:	0.994 dimensionless

**Data Calculated from Source Measurements:**

$V_{w(std)} = 4.714E-02 \times V_{lc}$	2.319 scf
$V_{m(std)} = 17.647 \times V_m \times Y \times (P_b + (DH / 13.6)) / (T_m + 460)$	40.32 dscf
$B_{ws} = V_{w(std)} / (V_{m(std)} + V_{w(std)})$	0.054 %
$FDA = 1.0 - B_{ws}$	0.946 %
$M_d = (0.44 \times \%CO_2) + (0.32 \times \%O_2) + (0.28 \times (\%N_2 + \%CO))$	29.7 lb/lb mole
$M_s = (M_d \times FDA) + (18.0 \times B_{ws})$	29.07 lb/lb mole
$v_s = 85.49 \times C_p \times (\sqrt{\Delta p}) \times (\sqrt{(T_s + 460)} / (M_s \times P_s))$	79.2 ft/second
$Q_s = v_s \times A_s \times 60$	1347329.8 acf/minute
$Q_{s(std)} = Q_s \times FDA \times (528 / (T_s + 460)) \times (P_s / 29.92)$	847149.2 dscf/minute
$I = (T_s + 460) \times ((2.67E-03 \times V_{lc}) + (V_{m(std)} / 17.647)) \times 100 / (q \times P_s \times A_n \times v_s \times 60)$	99.1 %

**Data from Laboratory Analysis:**

Normality of Barium Chloride titrant, N	0.0106 meq/ml
Volume Titrant Blank, $V_{tb}$	0.01 ml
Volume Titrant Sample, $V_t$	4.32 ml
Volume of Sample Aliquot, $V_a$	100 ml
Total Volume of Solution, $V_{soln}$	500 ml

**Calculated Data from Laboratory Analysis:**

$C_{H_2SO_4} = 1.081E-04 \times (N \times (V_t - V_{tb}) \times (V_{soln} / V_a)) / V_{m(std)}$	6.124E-07 lb/dscf
$E_{H_2SO_4} = C_{H_2SO_4} \times Q_{s(std)} \times 60$	31.128 lb/hour
$E_{H_2SO_4} = C_{H_2SO_4} \times F\text{-factor} \times (20.9 / (20.9 - \%O_2))$	0.014 lb/MMBtu

**APPENDIX B**

**LABORATORY ANALYTICAL DATA**



**Environmental Affairs  
Laboratory Services**

5012 Causeway Blvd \* Tampa Fl. 33619 \* Ph (813)630-7378 \* Fax (813)630-7360 \* CompQAP #910140G \* DOH #E54272

Report For: Fuel Data Coord., Envir. Plan.  
Stack Test Coord., Air Programs

Report Date: 01/08/2002

**Laboratory ID: AA63593**

**Sample Information**

Location Code: PK-STK-1

Sampled By: CUSTOMER

Location Description: Polk Power, Stack Test, Unit 1

Date Sampled: 12/19/2001

Project Account Code:

Time Sampled: 3:00:00 PM

**Laboratory Results**

Parameter	Result	Units	MDL	Lower Limit	Upper Limit	Violation Check
60 Mesh Residual Moisture, Coal	2.22	%				
Aluminum Oxide, Al2O3	19.12	%				
Ash, as Received	4.50	%	0.01			
Ash, Dry Basis	5.00	%	0.01			
Base/Acid Ratio	0.330					
BTU, as Received	12838	BTU/Lb	100			
BTU, Dry Basis	14264	BTU/Lb.	100			
BTU, Moisture-Ash Free	15015	BTU/Lb.	100			
Calcium Oxide, CaO	4.12	%				
Fouling Index for Bituminous Ash	0.188					
Fouling Tendency for Bituminous Ash	Low					
Iron Oxide, Fe2O3	12.66	%				
Magnesium Oxide, MgO	2.28	%				
Normality of BaCl2 * 2H2O	0.0106		0.0001			
Phosphorus, P2O5	0.13	%				
Potassium Oxide, K2O	2.09	%				
Pounds SO2 / Million BTU	4.35	Lbs. SO2/MMBTU				
Silica Value	70.6	%				
Silicon Dioxide, SiO2	45.80	%				
Slagging Index for Bituminous Ash	1.076					
Slagging Tendency for Bituminous Ash	Medium					
SO3, Avg. of Blank Titrations	0.01	milliliters	0.01			
SO3, Run #2, Avg. of Titrations	3.20	milliliters	0.01			
SO3, Run #3, Avg. of Titrations	3.46	milliliters	0.01			
SO3, Run #4, Avg. of Titrations	4.32	milliliters	0.01			
SO3, Volume of Contained Sample	See Comments	milliliters	1			
SO3, Volume of Sample Aliquot	100	milliliters	0.1			
Sodium Oxide, Na2O	0.57	%				
Sulfur in Ash	2.45	%	0.01			



**Environmental Affairs  
Laboratory Services**

5012 Causeway Blvd • Tampa Fl. 33619 • Ph (813)630-7378 • Fax (813)630-7360 • CompQAP #910140G • DOH #E54272

Sulfur Trioxide, SO3	6.12	%	0.01			
Sulfur, as Received	2.93	%	0.08			
Sulfur, Dry Basis	3.26	%	0.08			
T250	2508	Degrees F				
Titanium Dioxide, TiO2	0.87	%				
Total Moisture	10.0	%	0.1			
Undetermined, Ash Minerals	6.24	%		-5	5	<u>5</u>

**Comments:**

60% petcoke/coal blend,  
Sulfuric acid mist test (SO3) USEPA METHOD 8  
Sample Volume Run 2: 500ml  
Sample Volume Run 3: 521ml  
Sample Volume Run 4: 500ml  
Sample Volume Blanks: 500ml

Robert Dorey,  
Manager, Environmental Services



APPENDIX C

COMBUSTION TURBINE OPERATION DATA

### POLK POWER STATION DCS DATA

Date	Time	Fuel To Slurry Preparation	Combustion Turbine Output ( MW )	Diluent N <sub>2</sub> To Turbine ( KSCFH )	Fuel Flow To Turbine ( KSCFH )	Fuel HHV To Turbine ( MMBTU/Hr )	NO <sub>x</sub> Emissions ( LB/Hr )	NO <sub>x</sub> Emissions ( lb/MMBtu )	SO <sub>2</sub> Emissions ( LB/Hr )	SO <sub>2</sub> Emissions ( lb/MMBtu )
12/19/01	11:00	55% Pet Coke	188.0	6409.9	6513	1725	143.160	0.083	322.80	0.187
12/19/01	12:00	55% Pet Coke	187.6	6434.1	6535	1732	138.456	0.080	339.20	0.196
12/19/01	13:00	55% Pet Coke	184.9	6367.7	6477	1695	134.002	0.079	328.50	0.194
12/19/01	14:00	55% Pet Coke	182.5	6251.6	6382	1651	131.987	0.080	300.20	0.182
12/19/01	15:00	55% Pet Coke	182.1	6192.0	6334	1660	141.309	0.085	282.10	0.170
		Average	185.0	6331.1	6448	1692	138	0.081	315	0.186

**APPENDIX D**

**CONTINUOUS EMISSION MONITORING SYSTEM DATA**

**D-1 DAILY EPA CEM SUMMARY FOR PETCOKE  
OPERATIONS**

**D-2 QUARTERLY CEMS EMISSION REPORT**

**D-3 CONTINUOUS EMISSIONS RELATIVE  
ACCURACY TEST AUDIT RESULTS 2001**

**D-4 CONTINUOUS EMISSIONS QUALITY ASSUARANCE  
LINEARITY CHECKS - QUARTER 1, 2001**

**D-1 DAILY EPA CEM SUMMARY FOR PETCOKE OPERATIONS**

=====  
 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:51:02

Reporting Period  
 Day: 02/22/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	14.9	0.070	130.0	33.2	0.119	52572	1752
0100	7.8	16.1	0.080	140.3	32.1	0.114	52488	1772
0200	7.8	17.6	0.090	153.1	30.3	0.107	52386	1768
0300	7.8	19.0	0.090	166.1	28.9	0.102	52662	1778
0400	7.9	20.5	0.100	179.3	27.5	0.096	52692	1802
0500	7.9	21.3	0.100	186.4	26.6	0.093	52722	1803
0600	7.7	19.2	0.100	166.7	25.4	0.091	52296	1743
0700	7.8	19.2	0.090	166.3	25.2	0.089	52176	1761
0800	7.8	19.5	0.100	167.4	25.6	0.091	51708	1745
0900	7.9	19.1	0.090	161.0	26.7	0.093	50766	1736
1000	7.9	19.3	0.090	165.6	27.5	0.096	51702	1768
1100	7.9	19.5	0.090	168.3	28.3	0.099	51984	1777
1200	7.8	19.7	0.100	170.4	28.5	0.101	52098	1759
1300	7.8	19.7	0.100	169.2	29.3	0.104	51726	1746
1400	7.8	19.7	0.100	171.2	29.8	0.105	52338	1767
1500	7.8	19.7	0.100	170.0	29.3	0.104	51990	1755
1600	7.9	18.9	0.090	162.3	29.1	0.102	51738	1769
1700	7.8	18.2	0.090	154.3	29.5	0.104	51078	1724
1800	7.8	17.7	0.090	150.3	29.5	0.104	51168	1727
1900	7.9	17.5	0.080	147.2	29.9	0.104	50676	1733
2000	7.9	17.5	0.080	147.1	30.0	0.105	50628	1731
2100	7.9	17.8	0.090	151.0	30.1	0.105	51120	1748
2200	7.9	18.2	0.090	155.8	29.3	0.102	51564	1763
2300	7.9	19.1	0.090	162.7	28.2	0.098	51312	1754
AVRGE	7.8	18.7	0.091	160.9	28.7	0.101	51816	1758

Daily SO2 1.9 Tons  
 Daily CO2 5555.4 Tons

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

=====  
 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:51:26

Reporting Period  
 Day: 02/23/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	19.4	0.100	164.6	28.0	0.099	51120	1726
0100	7.9	19.9	0.100	169.8	28.1	0.098	51390	1757
0200	7.8	19.6	0.100	165.5	28.1	0.099	50874	1717
0300	7.8	19.0	0.090	162.0	28.3	0.100	51372	1734
0400	7.8	18.8	0.090	160.2	28.5	0.101	51336	1733
0500	7.8	19.0	0.090	161.4	28.3	0.100	51186	1728
0600	7.8	18.9	0.090	161.1	28.5	0.101	51348	1733
0700	7.8	19.2	0.090	164.1	29.3	0.104	51498	1738
0800	7.9	21.1	0.100	182.4	29.6	0.103	52086	1781
0900	7.9	20.9	0.100	183.1	29.6	0.103	52782	1805
1000	7.8	20.3	0.100	182.6	30.6	0.108	54186	1829
1100	7.8	20.3	0.100	181.3	31.1	0.110	53814	1817
1200	7.8	20.4	0.100	180.2	31.4	0.111	53220	1797
1300	7.8	21.3	0.100	190.0	32.2	0.114	53730	1814
1400	7.8	21.9	0.110	195.0	32.0	0.113	53646	1811
1500	7.8	23.3	0.110	210.6	32.4	0.115	54444	1838
1600	7.8	24.1	0.120	213.8	32.5	0.115	53448	1804
1700	7.8	23.9	0.120	215.7	32.2	0.114	54378	1836
1800	7.8	23.7	0.120	213.5	30.4	0.107	54276	1832
1900	7.8	23.8	0.120	211.4	30.0	0.106	53514	1806
2000	7.9	24.1	0.120	211.5	29.5	0.103	52860	1807
2100	7.9	23.5	0.110	205.9	30.0	0.105	52788	1805
2200	7.9	22.7	0.110	195.3	29.9	0.104	51816	1772
2300	7.9	22.3	0.110	197.6	30.1	0.105	53370	1825
AVRGE	7.8	21.3	0.104	186.6	30.0	0.106	52687	1786

Daily SO2 2.2 Tons  
 Daily CO2 5642.8 Tons

Legend

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

=====  
 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:51:38

Reporting Period  
 Day: 02/24/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	21.6	0.100	187.3	30.0	0.105	52242	1786
0100	7.9	21.8	0.110	190.5	30.3	0.106	52632	1799
0200	7.9	21.8	0.110	190.0	30.2	0.105	52494	1795
0300	7.9	21.7	0.110	188.8	30.0	0.105	52404	1792
0400	7.9	21.3	0.100	185.1	30.3	0.106	52350	1790
0500	7.9	21.3	0.100	187.8	30.3	0.106	53112	1816
0600	7.8	20.9	0.100	183.7	30.2	0.107	52938	1787
0700	7.9	23.3	0.110	203.3	30.0	0.105	52560	1797
0800	7.9	24.2	0.120	212.1	30.1	0.105	52788	1805
0900	7.9	25.4	0.120	223.7	29.5	0.103	53046	1814
1000	7.9	27.1	0.130	241.1	30.0	0.105	53586	1832
1100	7.8	29.1	0.140	264.2	30.6	0.108	54684	1846
1200	7.7	30.1	0.150	271.4	30.4	0.109	54318	1810
1300	7.8	31.5	0.150	286.3	31.4	0.111	54756	1848
1400	7.8	31.2	0.150	280.8	31.7	0.112	54222	1830
1500	7.8	27.5	0.140	244.0	31.6	0.112	53454	1804
1600	7.6	16.7	0.080	130.6	31.2	0.113	47112	1550
1700	7.6	15.7	0.080	120.8	31.2	0.113	46344	1524
1800	7.6	15.4	0.080	119.5	30.3	0.110	46746	1537
1900	7.6	15.7	0.080	121.0	29.6	0.107	46446	1528
2000	7.6	14.8	0.070	114.2	29.0	0.105	46476	1529
2100	7.6	14.3	0.070	110.3	28.6	0.104	46464	1528
2200	7.6	15.0	0.080	115.7	28.5	0.103	46482	1529
2300	7.6	15.6	0.080	119.7	28.3	0.103	46218	1520
AVRGE	7.8	21.8	0.107	187.2	30.1	0.107	50995	1717

Daily SO2 2.2 Tons  
 Daily CO2 5426.0 Tons

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

=====  
 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:51:48

Reporting Period  
 Day: 02/25/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.5	15.8	0.080	122.2	28.1	0.103	46602	1513
0100	7.5	15.9	0.080	122.9	28.3	0.104	46572	1512
0200	7.5	16.4	0.080	127.9	28.3	0.104	46992	1525
0300	7.5	17.1	0.090	133.5	28.0	0.103	47046	1527
0400	7.5	17.9	0.090	139.5	27.4	0.101	46944	1524
0500	7.5	18.1	0.090	140.8	27.4	0.101	46866	1521
0600	7.4	18.0	0.090	140.3	27.3	0.102	46962	1504
0700	7.5	18.3	0.090	142.7	27.3	0.100	46986	1525
0800	7.5	18.7	0.100	145.1	27.3	0.100	46752	1517
0900	7.5	19.0	0.100	146.9	27.7	0.102	46584	1512
1000	7.6	19.2	0.100	148.3	28.4	0.103	46518	1530
1100	7.6	20.6	0.100	158.2	29.0	0.105	46260	1521
1200	7.6	21.3	0.110	163.8	29.4	0.107	46338	1524
1300	7.6	21.6	0.110	166.3	29.9	0.109	46386	1526
1400	7.6	22.0	0.110	171.5	30.4	0.110	46962	1545
1500	7.6	21.6	0.110	168.5	30.4	0.110	46998	1546
1600	7.6	21.3	0.110	164.9	30.6	0.111	46638	1534
1700	7.6	21.6	0.110	168.0	29.8	0.108	46848	1541
1800	7.6	21.3	0.110	163.4	29.8	0.108	46206	1520
1900	7.6	20.9	0.110	160.7	29.6	0.107	46326	1524
2000	7.6	21.0	0.110	162.5	28.9	0.105	46620	1533
2100	7.6	21.1	0.110	162.9	28.5	0.103	46506	1530
2200	7.5	21.0	0.110	161.2	28.3	0.104	46236	1501
2300	7.5	20.6	0.110	159.2	28.0	0.103	46542	1511
AVRGE	7.5	19.6	0.100	151.7	28.7	0.105	46654	1524

Daily SO2 1.8 Tons  
 Daily CO2 4815.9 Tons

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



=====  
 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:51:58

Reporting Period  
 Day: 02/26/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.5	20.4	0.100	158.2	27.9	0.103	46710	1516
0100	7.5	20.9	0.110	160.7	28.2	0.104	46332	1504
0200	7.5	21.1	0.110	163.6	28.1	0.103	46710	1516
0300	7.5	21.1	0.110	163.5	28.0	0.103	46686	1515
0400	7.5	21.3	0.110	165.4	28.0	0.103	46782	1518
0500	7.5	21.0	0.110	162.9	28.3	0.104	46734	1517
0600	7.5	19.5	0.100	150.2	28.4	0.104	46404	1506
0700	7.5	18.9	0.100	147.2	28.1	0.103	46932	1523
0800	7.6	19.5	0.100	150.3	28.3	0.103	46434	1527
0900	7.6	20.1	0.100	153.4	28.4	0.103	45966	1512
1000	7.6	20.4	0.100	158.1	29.6	0.107	46686	1535
1100	7.6	20.4	0.100	157.0	30.6	0.111	46362	1525
1200	6.9	30.7	0.170	219.5	36.2	0.145	43062	1286
1300	5.2	8.2	0.040	60.3	36.7	0.120	44268	1621
1400	5.4	8.6	0.040	64.3	38.2	0.120	45072	1714
1500	5.4	8.6	0.040	64.5	38.3	0.120	45192	1718
1600	5.4	8.4	0.040	62.8	38.7	0.122	45066	1713
1700	5.4	8.6	0.040	63.9	45.3	0.142	44772	1702
1800	5.3	8.4	0.040	62.8	47.5	0.152	45072	1682
1900	5.3	8.4	0.040	63.4	47.0	0.150	45492	1697
2000	5.3	8.4	0.040	63.9	46.8	0.150	45822	1710
2100	5.3	8.3	0.040	63.2	46.5	0.149	45876	1712
2200	4.2	6.4	0.040	39.8	40.1	0.162	37422	1106
2300	1.0	3.2	0.070	16.6	12.0	0.203	31272	220
AVRGE	6.3	15.0	0.079	114.0	34.0	0.124	44880	1504

Daily SO2 1.4 Tons  
 Daily CO2 3906.8 Tons

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

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Polk Station  
 HRSG  
 Tampa

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Today's Date: 01/21/2002  
 Time: 10:52:07

Reporting Period  
 Day: 02/27/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	1.4	2.5	0.040	5.1	13.7	0.166M	12270M	120
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	1.5	2.9	0.040	3.3	13.1	0.148	6888	72
1300	3.3	5.8	0.040	31.0	44.7A	0.230	32184	747
1400	4.8	7.5	0.040	47.3	39.2	0.138	38016	1285
1500	4.9	7.9	0.040	60.8	38.6	0.134	46350	1599
1600	5.0	7.8	0.040	59.5	37.6	0.128	45930	1617
1700	4.9	7.7	0.040	58.4	36.2	0.125	45684	1576
1800	4.7	7.2	0.040	46.8	36.0	0.130	39126	1295
1900	4.5	6.8	0.040	38.5	34.7	0.131	34068	1079
2000	4.9	7.5	0.040	50.1	35.2	0.122	40254	1389
2100	4.1	6.3	0.040	36.2	33.7	0.139	34590	998
2200	1.2	3.3	0.060	18.1	21.6	0.305M	32982M	278
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	1.9	3.1	0.021	19.0	16.0	0.079	17014	503

Daily SO2 0.2 Tons  
 Daily CO2 976.2 Tons

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

=====  
 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:52:15

Reporting Period  
 Day: 02/28/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	1.9	3.5	0.040	7.1	19.2	0.171M	12228M	163
0900	3.4	6.0	0.040	32.7	92.3	0.460	32790	785
1000	4.4	7.1	0.040	40.4	84.2	0.324	34260	1061
1100	4.8	7.4	0.040	47.3	43.2	0.153	38478	1300
1200	4.8	7.4	0.040	47.4	37.8	0.134	38550	1303
1300	4.9	7.5	0.040	50.8	37.8	0.131	40842	1409
1400	5.2	8.1	0.040	62.1	38.7	0.126	46200	1691
1500	5.3	8.3	0.040	64.0	38.4	0.123	46476	1734
1600	5.2	8.1	0.040	62.1	37.2	0.121	46194	1691
1700	4.7	7.2	0.040	42.7	36.1	0.130	35700	1181
1800	4.6	7.0	0.040	39.4	35.2	0.130	33900	1098
1900	4.6	7.0	0.040	39.5	35.0	0.129	33996	1101
2000	5.0	7.6	0.040	51.3	35.3	0.120	40668	1431
2100	5.3	8.1	0.040	63.2	35.2	0.113	47028	1755
2200	4.5	7.0	0.040	47.6	33.6	0.127	40974	1298
2300	1.0	3.5	0.080	19.1	6.0	0.102M	32910M	231
AVRGE	2.9	4.6	0.028	29.9	26.9	0.108	25050	802

Daily SO2 0.4 Tons  
 Daily CO2 1545.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:52:28

Reporting Period  
 Day: 03/01/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	1.0	0.7	0.020	0.3	2.6	0.044	2634	18
1000	3.0	5.0	0.040	25.4	26.0	0.147	30648	647
1100	3.9	6.2	0.040	34.2	36.9	0.160	33240	912
1200	4.5	6.8	0.040	38.4	36.9	0.139	34038	1078
1300	4.6	6.9	0.040	38.6	37.9	0.140	33738	1092
1400	4.6	6.9	0.040	38.7	37.5	0.138	33804	1095
1500	4.7	7.1	0.040	42.5	38.4	0.139	36024	1192
1600	4.9	7.5	0.040	50.2	45.3	0.157	40290	1390
1700	5.4	8.7	0.040	65.8	49.3	0.155	45558	1732
1800	5.2	8.1	0.040	61.4	48.0	0.157	45630	1670
1900	5.0	7.8	0.040	59.2	46.4	0.157	45684	1608
2000	4.9	7.5	0.040	57.0	45.1	0.156	45804	1580
2100	4.8	7.4	0.040	53.4	44.0	0.155	43476	1469
2200	4.8	7.3	0.040	47.3	43.7	0.154	39036	1319
2300	4.5	6.7	0.040	39.1	41.2	0.155	35166	1114
AVRGE	2.7	4.2	0.024	27.1	24.1	0.090	22699	747

Daily SO2 0.3 Tons  
 Daily CO2 1450.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:52:38

Reporting Period  
 Day: 03/02/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	4.4	6.6	0.040	36.5	40.7	0.157	33300	1031
0100	4.5	6.6	0.030	36.8	40.7	0.153	33546	1063
0200	4.5	6.6	0.030	36.5	40.5	0.153	33348	1056
0300	4.4	6.5	0.030	36.0	40.5	0.156	33318	1032
0400	4.4	6.5	0.030	36.2	40.5	0.156	33504	1038
0500	4.5	6.6	0.030	36.5	40.6	0.153	33276	1054
0600	4.4	6.6	0.040	36.5	40.8	0.157	33336	1032
0700	4.4	6.6	0.040	36.7	40.4	0.156	33468	1037
0800	4.6	6.8	0.030	39.4	41.3	0.152	34932	1131
0900	4.7	7.1	0.040	46.1	41.4	0.149	39150	1295
1000	4.6	6.9	0.040	42.9	42.2	0.156	37464	1213
1100	4.5	6.7	0.040	37.7	42.7	0.161	33876	1073
1200	4.5	6.7	0.040	37.8	42.4	0.160	33942	1075
1300	4.5	6.8	0.040	37.9	42.6	0.161	33612	1065
1400	4.7	7.1	0.040	43.1	43.3	0.156	36570	1210
1500	5.0	7.6	0.040	55.3	44.9	0.152	43854	1544
1600	4.9	7.4	0.040	51.3	44.3	0.153	41772	1441
1700	5.2	8.1	0.040	62.1	46.4	0.151	46170	1690
1800	5.1	7.8	0.040	59.4	45.1	0.150	45846	1646
1900	5.1	7.8	0.040	59.7	45.4	0.151	46146	1657
2000	5.1	7.8	0.040	60.1	44.5	0.148	46386	1665
2100	5.1	7.8	0.040	60.2	43.5	0.145	46518	1670
2200	4.8	7.3	0.040	52.9	41.6	0.147	43668	1476
2300	3.5	5.7	0.040	33.6	34.1	0.165M	35478M	874
AVRGE	4.6	7.0	0.038	44.6	42.1	0.154	38020	1253

Daily SO2 0.5 Tons  
 Daily CO2 2434.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:52:46

Reporting Period  
 Day: 03/03/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000M	0M	0
0400	1.4	3.3	0.050	7.4	13.2	0.160M	13548M	133
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0A	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	2.2	4.3	0.050	14.5	21.9	0.169M	20304M	314
0900	4.1	6.9	0.040	38.4	37.0	0.153	33528	968
1000	4.5	7.0	0.040	39.2	43.8	0.165	33732	1068
1100	4.5	6.9	0.040	39.0	40.0	0.151	34068	1079
1200	5.1	7.9	0.040	57.1	36.7	0.122	43530	1563
1300	5.7	31.9	0.210	204.3	35.3	0.171	38574	951
1400	7.9	83.3	0.400	644.0	28.1	0.098	46572	1592
1500	7.7	100.5	0.500	797.6	31.2	0.112	47808	1593
1600	7.7	102.5	0.510	797.1	31.5	0.113	46848	1561
1700	7.7	101.5	0.510	785.5	31.7	0.114	46620	1554
1800	7.7	94.3	0.470	724.1	31.5	0.113	46254	1541
1900	7.7	94.5	0.470	722.1	32.8	0.117	46032	1534
2000	7.7	98.5	0.490	764.6	31.2	0.112	46764	1558
2100	7.6	102.1	0.520	826.3	29.9	0.109	48756	1604
2200	7.7	102.6	0.510	846.7	31.4	0.112	49716	1657
2300	7.8	102.7	0.500	888.8	32.0	0.113	52134	1760
AVRGE	4.4	43.8	0.223	341.5	22.5	0.092	28950	918

Daily SO2 4.1 Tons  
 Daily CO2 2641.5 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:52:53

Reporting Period  
 Day: 03/04/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	102.7	0.500	921.4	32.1	0.114	54048	1824
0100	7.8	102.7	0.500	921.3	31.7	0.112	54042	1824
0200	7.8	102.7	0.500	924.6	30.8	0.109	54234	1831
0300	7.8	102.7	0.500	917.3	30.4	0.107	53808	1816
0400	7.8	102.7	0.500	922.2	30.3	0.107	54096	1826
0500	7.8	102.7	0.500	908.3	31.2	0.110	53280	1799
0600	7.8	102.6A	0.500	894.0	29.7	0.105	52488	1772
0700	7.9	102.6	0.500	891.9	29.7	0.104	52368	1790
0800	7.8	102.6	0.500	899.1	30.3	0.107	52788	1782
0900	7.8	102.6	0.500	904.7	31.3	0.111	53118	1793
1000	7.8	88.5	0.430	763.3	33.4	0.118	51960	1754
1100	7.8	71.1	0.350	602.3	31.9	0.113	51030	1723
1200	7.9	64.1	0.310	538.0	30.2	0.105	50562	1729
1300	7.9	62.1	0.300	517.7	30.5	0.106	50220	1717
1400	7.9	62.6	0.300	529.0	30.7	0.107	50904	1740
1500	7.9	76.9	0.370	652.3	30.9	0.108	51096	1747
1600	7.9	59.1	0.290	502.8	31.2	0.109	51252	1752
1700	7.9	60.8	0.290	516.0	30.5	0.106	51126	1748
1800	7.9	59.6	0.290	505.3	30.5	0.106	51078	1746
1900	7.9	64.6	0.310	550.6	31.0	0.108	51342	1755
2000	7.9	64.4	0.310	548.4	31.5	0.110	51300	1754
2100	7.9	65.3	0.320	557.6	31.8	0.111	51444	1759
2200	7.9	70.0	0.340	589.6	31.8	0.111	50742	1735
2300	7.9	66.0	0.320	558.2	32.7	0.114	50952	1742
AVRGE	7.9	81.7	0.397	709.8	31.1	0.109	52053	1770

Daily SO2 8.5 Tons  
 Daily CO2 5592.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:01

Reporting Period  
 Day: 03/05/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	56.6	0.270	479.0	34.2	0.119	50976	1743
0100	7.9	56.2	0.270	479.4	34.9	0.122	51390	1757
0200	7.9	54.4	0.260	454.3	35.7	0.125	50304	1720
0300	7.9	52.7	0.260	446.4	36.5	0.127	51024	1744
0400	7.9	57.7	0.280	501.5	36.8	0.128	52356	1790
0500	7.9	56.5	0.270	487.4	36.7	0.128	51966	1777
0600	7.9	51.8A	0.250	448.6	36.6	0.128	52170	1784
0700	7.9	53.8	0.260	470.2	36.4	0.127	52644	1800
0800	8.0	56.1	0.270	492.4	36.9	0.127	52878	1831
0900	7.9	58.1	0.280	512.1	37.1	0.130	53094	1815
1000	7.9	58.2	0.280	510.3	37.7	0.132	52824	1806
1100	7.9	53.6	0.260	467.3	36.2	0.126	52518	1796
1200	7.8	46.1	0.230	400.4	33.6	0.119	52320	1766
1300	7.9	40.7	0.200	356.5	36.7	0.128	52770	1804
1400	7.9	39.0	0.190	341.5	39.6	0.138	52752	1804
1500	7.9	40.0	0.190	351.3	39.9	0.139	52914	1809
1600	7.9	41.3	0.200	360.5	39.3	0.137	52578	1798
1700	7.9	42.9	0.210	373.9	37.0	0.129	52500	1795
1800	7.9	42.8	0.210	374.9	36.5	0.127	52770	1804
1900	7.9	42.2	0.210	369.3	36.5	0.127	52722	1803
2000	7.9	41.5	0.200	364.1	36.3	0.127	52848	1807
2100	7.9	40.5	0.200	357.3	36.9	0.129	53148	1817
2200	7.9	40.1	0.190	345.5	37.2	0.130	51900	1774
2300	7.9	39.6	0.190	347.2	37.1	0.130	52818	1806
AVRGE	7.9	48.4	0.235	420.5	36.8	0.128	52341	1790

Daily SO2 5.0 Tons  
 Daily CO2 5656.6 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:08

Reporting Period  
 Day: 03/06/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	39.2	0.190	337.3	37.6	0.131	51840	1772
0100	7.9	38.9	0.190	341.3	37.9	0.132	52848	1807
0200	7.9	39.2	0.190	345.9	37.7	0.132	53154	1817
0300	7.9	39.1	0.190	341.2	37.6	0.131	52572	1797
0400	7.9	39.3	0.190	344.2	35.9	0.125	52764	1804
0500	7.8	39.3	0.190	343.3	36.2	0.128	52620	1776
0600	7.8	39.9	0.200	352.6	37.0	0.131A	53232A	1797
0700	7.8	40.0	0.200	358.1	37.6	0.133	53928	1820
0800	7.8	41.3	0.200	360.2	37.7	0.133	52542	1774
0900	7.9	41.9	0.200	365.4	38.1	0.133	52530	1796
1000	7.9	42.6	0.210	370.5	37.7	0.132	52386	1791
1100	7.9	43.1	0.210	377.0	39.3	0.137	52692	1802
1200	7.9	43.7	0.210	379.2	38.3	0.134	52272	1787
1300	7.9	43.8	0.210	382.4	38.2	0.133	52596	1798
1400	7.8	43.4	0.210	374.9	37.9	0.134	52032	1756
1500	7.9	43.3	0.210	381.6	38.2	0.133	53088	1815
1600	7.9	39.3	0.190	344.7	37.8	0.132	52836	1806
1700	7.9	35.6	0.170	313.3	37.3	0.130	53010	1812
1800	7.9	34.0	0.170	295.3	37.1	0.130	52320	1789
1900	7.9	34.1	0.170	297.8	36.8	0.128	52608	1799
2000	7.8	33.9	0.170	301.0	36.1	0.128	53490	1806
2100	7.8	34.0	0.170	302.5	36.3	0.128	53598	1809
2200	7.8	33.9	0.170	296.2	35.9	0.127	52644	1777
2300	7.8	34.3	0.170	302.9	36.4	0.129	53190	1796
AVRGE	7.9	39.0	0.191	342.0	37.4	0.131	52783	1797

Daily SO2 4.1 Tons  
 Daily CO2 5677.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:14

Reporting Period  
 Day: 03/07/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	34.4	0.170	304.5	36.7	0.130	53322	1800
0100	7.8	34.4	0.170	305.0	36.4	0.129	53406	1803
0200	7.8	34.3	0.170	300.7	36.7	0.130	52812	1783
0300	7.8	34.2	0.170	302.5	36.8	0.130	53292	1799
0400	7.8	34.0	0.170	299.7	36.6	0.129	53106	1793
0500	7.8	31.9	0.160	284.7	36.6	0.129	53772	1815
0600	7.7	32.7	0.160	289.6	36.8	0.132A	53346A	1778
0700	7.8	34.3	0.170	303.3	36.4	0.129	53268	1798
0800	7.8	34.4	0.170	305.0	37.2	0.132	53406	1803
0900	7.8	33.7	0.170	301.2	37.8	0.134	53850	1818
1000	7.8	34.8	0.170	308.2	38.0	0.134A	53346A	1801
1100	7.9	35.1	0.170	307.9	37.4	0.131	52842	1807
1200	7.9	34.2	0.170	300.6	38.0	0.133	52944	1810
1300	7.9	35.3	0.170	308.4	38.3	0.134	52632	1799
1400	7.9	33.4	0.160	292.4	38.1	0.133	52746	1803
1500	7.9	32.6	0.160	287.5	37.4	0.131	53118	1816
1600	7.9	33.1	0.160	291.0	36.9	0.129	52962	1811
1700	7.9	33.1	0.160	289.6	36.6	0.128	52710	1802
1800	7.9	32.5	0.160	285.1	36.4	0.127	52836	1806
1900	7.9	32.0	0.160	279.6	36.0	0.126	52644	1800
2000	7.9	31.3	0.150	276.7	35.7	0.125	53250	1821
2100	7.8	30.6	0.150	270.9	35.7	0.126	53334	1800
2200	7.8	29.9	0.150	264.1	36.0	0.127	53214	1796
2300	7.8	29.7	0.150	265.0	36.1	0.128	53748	1814
AVRGE	7.8	33.2	0.163	292.6	36.9	0.130	53163	1804

Daily SO2 3.5 Tons  
 Daily CO2 5699.7 Tons

Legend

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:22

Reporting Period  
 Day: 03/08/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	29.0	0.140	256.7	35.9	0.127	53334	1800
0100	7.8	29.0	0.140	257.3	36.0	0.127	53448	1804
0200	7.8	30.6	0.150	273.4	35.7	0.126	53826	1817
0300	7.8	32.7	0.160	289.4	35.5	0.126	53310	1800
0400	7.8	35.5	0.170	316.3	36.0	0.127	53670	1812
0500	7.8	38.6	0.190	341.0	35.9	0.127	53220	1797
0600	7.8	37.9	0.190	340.4	35.9	0.127	54102	1826
0700	7.8	37.3	0.180	328.6	36.7	0.130	53064	1791
0800	7.8	37.6	0.180	332.7	37.5	0.133	53304	1799
0900	7.9	38.1	0.180	340.0	39.0	0.136	53766	1838
1000	7.9	38.5	0.190	335.1	39.8	0.139	52434	1793
1100	7.9	38.6	0.190	342.4	39.9	0.139	53436	1827
1200	7.9	38.9	0.190	348.5	40.0	0.140	53964	1845
1300	7.9	38.5	0.190	344.8	40.1	0.140	53946	1844
1400	7.9	38.1	0.180	340.0	40.5	0.141	53760	1838
1500	7.9	36.9	0.180	328.1	40.7	0.142	53562	1831
1600	7.8	35.8	0.180	321.6	41.0	0.145	54114	1827
1700	7.8	35.7	0.180	320.6	41.2	0.146	54102	1826
1800	7.8	35.3	0.170	313.3	40.1	0.142	53466	1805
1900	7.9	35.6	0.170	311.5	39.8	0.139	52716	1802
2000	7.9	35.8	0.170	312.9	39.6	0.138	52656	1800
2100	7.9	35.9	0.170	313.4	38.7	0.135	52584	1798
2200	7.9	35.8	0.170	312.9	38.2	0.133	52644	1800
2300	7.8	35.8	0.180	317.0	37.4	0.132	53340	1801
AVRGE	7.8	35.9	0.175	318.2	38.4	0.135	53407	1814

Daily SO2 3.8 Tons  
 Daily CO2 5731.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:29

Reporting Period  
 Day: 03/09/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	35.7	0.180	316.4	36.5	0.129	53388	1802
0100	7.8	36.5	0.180	326.0	36.5	0.129	53802	1816
0200	7.8	38.2	0.190	336.5	35.7	0.126	53070	1791
0300	7.8	39.7	0.200	354.3	34.6	0.122	53766	1815
0400	7.8	39.2	0.190	345.9	35.0	0.124	53160	1795
0500	7.8	40.2	0.200	354.9	34.3	0.121	53184	1795
0600	7.8	40.4	0.200	362.5	33.4	0.118	54048	1824
0700	7.8	40.9	0.200	365.1	33.5	0.118	53778	1815
0800	7.9	40.8	0.200	363.7	34.0	0.119	53694	1836
0900	7.9	41.3	0.200	367.6	34.6	0.121	53616	1833
1000	7.9	40.7	0.200	360.5	35.6	0.124	53358	1824
1100	7.9	42.5	0.210	374.0	36.7	0.128	53016	1813
1200	7.8	43.2	0.210	381.3	36.6	0.129	53172	1795
1300	7.9	44.7	0.220	395.5	36.3	0.127	53304	1822
1400	7.9	46.2	0.220	415.0	34.8	0.121	54114	1850
1500	7.9	43.8	0.210	384.9	34.0	0.119	52938	1810
1600	7.9	43.2	0.210	377.6	32.9	0.115	52650	1800
1700	7.9	40.7	0.200	349.8	33.2	0.116	51768	1770
1800	7.9	40.3	0.200	343.7	32.3	0.113	51378	1757
1900	7.9	39.8	0.190	337.9	31.2	0.109	51144	1749
2000	7.9	40.0	0.190	346.1	31.0	0.108	52128	1782
2100	7.9	39.6	0.190	336.4	31.3	0.109	51168	1749
2200	7.9	39.0	0.190	335.0	31.1	0.109	51744	1769
2300	7.9	38.3	0.190	331.2	31.2	0.109	52086	1781
AVRGE	7.9	40.6	0.199	356.7	34.0	0.119	52895	1800

Daily SO2 4.3 Tons  
 Daily CO2 5688.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:39

Reporting Period  
 Day: 03/10/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	37.4	0.180	319.5	31.2	0.109	51468	1760
0100	7.9	37.0	0.180	316.6	31.5	0.110	51540	1762
0200	7.9	36.2	0.180	310.1	31.3	0.109	51612	1765
0300	7.9	35.1	0.170	300.1	31.6	0.110	51504	1761
0400	7.9	34.8	0.170	297.8	31.7	0.111	51552	1763
0500	7.9	34.2	0.170	296.4	31.5	0.110	52206	1785
0600	7.8	33.6	0.170	285.4	31.5	0.111	51168	1727
0700	7.9	33.9	0.160	291.2	31.9	0.111	51744	1769
0800	7.9	33.7	0.160	288.7	32.1	0.112	51612	1765
0900	7.9	33.1	0.160	283.6	32.6	0.114	51612	1765
1000	7.9	33.4	0.160	289.1	33.3	0.116	52134	1782
1100	7.9	33.7	0.160	290.0	33.7	0.118	51846	1773
1200	7.9	34.2	0.170	296.9	34.2	0.119	52290	1788
1300	7.8	34.2	0.170	297.4	34.4	0.122	52380	1768
1400	7.8	33.1	0.160	289.0	34.6	0.122	52602	1776
1500	7.8	32.5	0.160	284.7	35.5	0.126	52776	1782
1600	7.8	32.4	0.160	283.4	35.4	0.125	52686	1779
1700	7.8	32.0	0.160	277.9	35.4	0.125	52320	1766
1800	7.8	31.9	0.160	273.3	34.8	0.123	51618	1742
1900	7.9	31.5	0.150	272.0	33.7	0.118	52014	1778
2000	7.9	31.3	0.150	269.9	33.2	0.116	51954	1776
2100	7.9	31.4	0.150	267.5	33.1	0.116	51318	1755
2200	7.9	31.6	0.150	271.7	32.0	0.112	51798	1771
2300	7.8	32.7	0.160	287.1	30.2	0.107	52890	1785
AVRGE	7.9	33.5	0.163	289.1	32.9	0.116	51944	1769

Daily SO2 3.5 Tons  
 Daily CO2 5589.7 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:47

Reporting Period  
 Day: 03/11/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	34.6	0.170	302.2	29.3	0.104	52608	1776
0100	7.8	36.9	0.180	318.2	28.4	0.100	51948	1754
0200	7.8	39.2	0.190	342.6	27.6	0.098	52656	1777
0300	7.8	42.1	0.210	365.2	26.6	0.094	52254	1764
0400	7.8	42.6	0.210	370.4	26.7	0.094	52374	1768
0500	7.8	42.3	0.210	367.3	27.5	0.097	52314	1766
0600	7.8	41.6	0.200	367.1	27.3	0.097	53154	1794
0700	7.8	41.8	0.210	366.6	27.7	0.098	52836	1784
0800	7.8	42.8	0.210	373.3	27.7	0.098	52548	1774
0900	7.9	43.5	0.210	378.4	27.4	0.096	52404	1792
1000	7.9	45.2	0.220	388.5	27.9	0.097	51774	1770
1100	7.9	46.1	0.220	393.2	28.7	0.100	51378	1757
1200	7.9	46.2	0.220	396.5	28.7	0.100	51702	1768
1300	7.9	45.0	0.220	391.5	29.8	0.104	52404	1792
1400	7.9	43.1	0.210	375.4	29.6	0.103	52464	1794
1500	7.9	40.6	0.200	349.2	30.1	0.105	51816	1772
1600	7.8	38.0	0.190	327.7	30.1	0.106	51948	1754
1700	7.8	36.2	0.180	309.6	30.4	0.107	51528	1739
1800	7.8	34.7	0.170	296.9	30.8	0.109	51546	1740
1900	7.9	33.9	0.160	290.3	30.2	0.105	51588	1764
2000	7.9	34.7	0.170	297.2	30.0	0.105	51594	1764
2100	7.8	35.1	0.170	300.5	29.6	0.105	51570	1741
2200	7.8	34.5	0.170	296.2	28.8	0.102	51720	1746
2300	7.8	33.8	0.170	290.1	28.8	0.102	51702	1745
AVRGE	7.8	39.8	0.195	343.9	28.7	0.101	52076	1767

Daily SO2 4.1 Tons  
 Daily CO2 5583.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:53:53

Reporting Period  
 Day: 03/12/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	30.6	0.150	260.7	28.6	0.102	51324	1710
0100	7.7	29.3	0.150	253.3	28.5	0.102	52074	1735
0200	7.7	31.5	0.160	270.7	28.9	0.104	51774	1725
0300	7.7	31.0	0.150	266.6	28.7	0.103	51798	1726
0400	7.7	31.0	0.150	267.5	28.8	0.103	51984	1732
0500	7.8	29.8	0.150	257.3	28.8	0.102	52014	1756
0600	7.7	28.8	0.140	250.4	28.8	0.103	52374	1745
0700	7.8	30.5	0.150	261.6	29.1	0.103	51666	1744
0800	7.8	29.9	0.150	256.4	29.2	0.103	51654	1744
0900	7.8	29.4	0.140	252.5	28.2	0.100	51744	1747
1000	7.8	29.8	0.150	258.7	27.7	0.098	52290	1765
1100	7.8	34.1	0.170	298.6	27.3	0.097	52752	1781
1200	7.8	35.6	0.180	316.0	27.3	0.097	53472	1805
1300	7.8	34.2	0.170	302.7	27.4	0.097	53316	1800
1400	7.7	32.4	0.160	286.4	27.7	0.099	53256	1775
1500	7.7	34.2	0.170	304.3	27.8	0.100	53592	1786
1600	7.7	32.1	0.160	281.1	28.2	0.101	52746	1758
1700	7.7	30.0	0.150	261.5	27.9	0.100	52512	1750
1800	7.7	28.6	0.140	244.7	26.9	0.096	51546	1718
1900	7.7	29.8	0.150	254.2	26.7	0.096	51378	1712
2000	7.7	28.8	0.140	244.6	26.1	0.093	51168	1705
2100	7.7	29.3	0.150	249.0	26.1	0.093	51204	1706
2200	7.7	29.1	0.140	247.1	26.1	0.093	51162	1705
2300	7.7	29.2	0.150	248.5	26.1	0.093	51264	1708
AVRGE	7.7	30.8	0.153	266.4	27.8	0.099	52086	1744

Daily SO2 3.2 Tons  
 Daily CO2 5510.5 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:54:01

Reporting Period  
 Day: 03/13/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	29.1	0.140	249.7	25.8	0.092	51696	1723
0100	7.7	29.2	0.150	247.1	25.8	0.092	50988	1699
0200	7.7	29.2	0.150	247.5	25.5	0.091	51054	1701
0300	7.7	29.1	0.140	249.1	25.4	0.091	51564	1718
0400	7.7	28.9	0.140	247.0	25.4	0.091	51492	1716
0500	7.0	27.5	0.150	236.7	23.1	0.091M	51858M	1571
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	3.0	5.1	0.070	18.5	34.1	0.314	21846	283
1100	4.5	6.4	0.030	34.7	44.4	0.167	32658	1034
1200	6.2	29.8	0.180	188.8	32.1	0.143	38172	1024
1300	7.8	68.8	0.340	575.3	28.8	0.102	50376	1701
1400	7.8	72.7	0.360	637.3	30.1	0.106	52812	1783
1500	7.7	70.9	0.350	612.9	30.6	0.110	52074	1735
1600	7.7	61.7	0.310	538.8	30.9	0.111	52608	1753
1700	7.7	44.4	0.220	387.4	31.4	0.112	52560	1752
1800	7.7	43.8	0.220	384.5	32.3	0.116	52884	1762
1900	7.7	43.6	0.220	386.6	32.8	0.117	53418	1780
2000	7.7	43.4	0.220	390.6	33.8	0.121	54222	1807
2100	7.7	41.1	0.200	365.2	34.5	0.124	53532	1784
2200	7.7	40.6	0.200	363.9	34.6	0.124	53988	1799
2300	7.8	40.4	0.200	360.4	35.1	0.124	53742	1814
AVRGE	6.0	32.7	0.166	280.1	25.7	0.102	40981	1331

Daily SO2 3.4 Tons  
 Daily CO2 4154.6 Tons

Legend

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:54:08

Reporting Period  
 Day: 03/14/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	40.9	0.200	366.3	35.1	0.124	53952	1821
0100	7.8	40.9	0.200	369.6	34.1	0.121	54444	1838
0200	7.8	41.2	0.200	366.1	35.3	0.125	53526	1807
0300	7.9	41.7	0.200	369.0	35.3	0.123	53304	1822
0400	7.9	41.1	0.200	365.0	33.5	0.117	53502	1829
0500	7.9	41.1	0.200	363.2	32.0	0.112	53232	1820
0600	7.5	27.2	0.140	222.6	31.1	0.114	49308	1600
0700	7.5	27.0	0.140	218.8	30.8	0.113	48822	1585
0800	7.6	29.2	0.150	235.1	31.4	0.114	48492	1595
0900	7.8	45.7	0.220	393.0	31.2	0.110	51810	1749
1000	7.7	47.0	0.230	414.1	30.8	0.110	53070	1769
1100	7.8	47.5	0.230	420.8	31.0	0.110	53370	1802
1200	7.8	46.8	0.230	410.9	30.8	0.109	52896	1786
1300	7.8	48.3	0.240	423.0	30.5	0.108	52752	1781
1400	7.8	49.8	0.240	439.2	30.6	0.108	53124	1793
1500	7.8	47.9	0.240	424.7	30.5	0.108	53412	1803
1600	7.8	45.5	0.220	404.9	30.2	0.107	53604	1810
1700	7.8	51.2	0.250	459.6	30.2	0.107	54078	1826
1800	7.8	57.1	0.280	507.6	29.8	0.105	53556	1808
1900	7.8	50.0	0.250	442.6	28.5	0.101	53328	1800
2000	7.8	49.5	0.240	438.3	28.3	0.100	53340	1801
2100	7.8	48.5	0.240	428.9	28.9	0.102	53274	1798
2200	7.9	48.3	0.230	426.9	28.9	0.101	53244	1820
2300	7.8	47.2	0.230	415.5	29.1	0.103	53034	1790
AVRGE	7.8	44.2	0.217	388.6	31.2	0.111	52770	1778

Daily SO2 4.7 Tons  
 Daily CO2 5617.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:54:15

Reporting Period  
 Day: 03/15/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	47.7	0.230	423.5	29.4	0.104	53490	1806
0100	7.8	47.8	0.240	422.7	29.2	0.103	53268	1798
0200	7.8	48.4	0.240	429.0	28.7	0.101	53400	1803
0300	7.9	50.1	0.240	443.6	28.6	0.100	53334	1823
0400	7.9	51.3	0.250	457.2	28.3	0.099	53688	1836
0500	7.8	53.3	0.260	479.7	26.6	0.094	54222	1830
0600	7.8	48.6	0.240	431.6	26.7	0.094	53502	1806
0700	7.8	50.0	0.250	439.5	26.3	0.093	52950	1787
0800	7.8	51.1	0.250	444.0	26.1	0.092	52344	1767
0900	7.7	52.9	0.260	466.2	26.1	0.093	53094	1769
1000	7.7	53.9	0.270	470.2	27.2	0.097	52554	1751
1100	7.7	55.4	0.280	490.4	28.3	0.101	53322	1777
1200	7.7	68.6	0.340	608.4	28.8	0.103	53430	1781
1300	7.7	84.9	0.420	736.0	28.9	0.104	52224	1740
1400	7.7	85.1	0.420	748.4	29.4	0.105	52980	1766
1500	7.7	85.0	0.420	739.6	29.3	0.105	52416	1747
1600	7.7	85.6	0.430	742.4	29.6	0.106	52248	1741
1700	7.7	85.7	0.430	744.6	29.4	0.105	52338	1744
1800	7.7	86.1	0.430	746.4	28.8	0.103	52224	1740
1900	7.8	85.7	0.420	739.4	28.7	0.101	51978	1755
2000	7.8	86.4	0.420	739.5	28.3	0.100	51558	1740
2100	7.7	85.0	0.420	732.1	28.4	0.102	51882	1729
2200	7.8	86.0	0.420	738.5	29.2	0.103	51732	1746
2300	7.8	86.2	0.420	737.4	29.2	0.103	51534	1740
AVRGE	7.8	67.5	0.333	589.6	28.3	0.100	52738	1772

Daily SO2 7.1 Tons  
 Daily CO2 5600.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:54:22

Reporting Period  
 Day: 03/16/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	86.5	0.430	746.7	29.2	0.103	52002	1755
0100	7.8	86.3	0.420	740.6	29.3	0.104	51696	1745
0200	7.8	85.9	0.420	745.7	29.5	0.104	52296	1765
0300	7.7	85.7	0.430	738.6	29.1	0.104	51918	1730
0400	7.8	87.9	0.430	755.8	28.4	0.100	51798	1749
0500	7.8	95.3	0.470	822.6	26.5	0.094	51996	1755
0600	7.8	101.2	0.500	878.6	26.4	0.093	52302	1766
0700	7.8	102.6	0.500	880.1	26.6	0.094	51672	1744
0800	7.8	102.6A	0.500	876.3	26.5	0.094	51450	1737
0900	8.3	77.3	0.360	667.1	20.4	0.068	51990	1868
1000	1.0	0.0	0.000	0.0	0.0	0.000I	53412I	231
1100	1.0	0.0	0.000	0.0	0.0	0.000I	42970I	186
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	1.0	0.0	0.000	0.0	0.0	0.000I	13292I	57
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	3.4	38.0	0.186	327.2	11.3	0.040	26200	754

Daily SO2 3.9 Tons  
 Daily CO2 2319.8 Tons

Legend

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:54:29

Reporting Period  
 Day: 03/17/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0X	0.0X	0.000	0.0	0.0X	0.000	0	0
0900	0.0X	0.0X	0.000	0.0	0.0X	0.000X	0X	0
1000	0.0X	0.0X	0.000	0.0	0.0X	0.000X	0X	0
1100	0.0X	0.0X	0.000	0.0	0.0X	0.000X	0X	0
1200	0.0X	0.0X	0.000	0.0	0.0X	0.000X	0X	0
1300	0.0X	0.0X	0.000	0.0	0.0X	0.000X	0X	0
1400	0.0X	0.0X	0.000	0.0	0.0X	0.000X	0X	0
1500	0.0X	0.0X	0.000	0.0	0.0X	0.000X	0X	0
1600	0.0X	0.0X	0.000	0.0	0.0X	0.000M	0M	0
1700	0.0	0.0A	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1900	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2000	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2100	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2200	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2300	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:54:36

Reporting Period  
 Day: 03/18/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0100	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0200	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0300	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0400	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0500	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0600	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0700	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0800	0.0	0.0	0.000	0.0	0.0	0.000M	0M	0
0900	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1000	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1100	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1200	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1300	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1400	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1500	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1600	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1900	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2000	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2100	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2200	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
2300	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:54:43

Reporting Period  
 Day: 03/19/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0100	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0200	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0300	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0400	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0500	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0600	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0700	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0800	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
0900	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1000	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1100	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1200	0.0	0.0	0.000	0.0	0.0	0.000M	0M	0
1300	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000X	0X	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
1800	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
1900	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
2000	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
2100	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
2200	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
2300	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:54:51

Reporting Period  
 Day: 03/20/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0100	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0200	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0300	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0400	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0500	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0600	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0700	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0800	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
0900	0.0	0.0	0.000	0.0	0.0	0.000C	0C	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:54:57

Reporting Period  
 Day: 03/21/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0A	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:55:04

Reporting Period  
 Day: 03/22/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0A	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0A	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:55:11

Reporting Period  
 Day: 03/23/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0A	0.000	0.0	0.0A	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0A	0.000	0.0	0.0C	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0C	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0C	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0C	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0A	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0A	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:55:19

Reporting Period  
 Day: 03/24/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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Polk Station  
HRSG  
Tampa  
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Today's Date: 01/21/2002  
Time: 10:55:26

Reporting Period  
Day: 03/25/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
Daily CO2 0.0 Tons

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

=====  
 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:55:32

Reporting Period  
 Day: 03/26/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	1.7	1.3	0.020	1.5	19.8	0.197	6888	82
1900	2.1	0.8	0.010	1.8	28.1	0.227	13512	199
2000	1.5	0.7	0.010	0.5	15.7	0.177	4062	42
2100	1.0	0.7	0.020	0.8	11.7	0.198	7236	50
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.3	0.1	0.003	0.2	3.1	0.033	1321	16

Daily SO2 0.0 Tons  
 Daily CO2 29.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:55:39

Reporting Period  
 Day: 03/27/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	1.6	1.9	0.030	2.6	16.9	0.179	8232	92
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	1.5	5.6	0.090	20.2	26.9	0.304	21726	229
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.1	0.3	0.005	1.0	1.8	0.020	1248	13

Daily SO2 0.0 Tons  
 Daily CO2 26.1 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:55:46

Reporting Period  
 Day: 03/28/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	1.8	3.0	0.040	7.2	22.3	0.210	14514	183
1900	2.1	5.6	0.060	24.7	35.2	0.284	26550	392
2000	3.0	6.7	0.050	30.6	74.0	0.418	27474	580
2100	3.4	6.0	0.040	29.0	77.6	0.387	29124	697
2200	2.5	5.5	0.050	25.1	27.1	0.184M	27450M	483
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.5	1.1	0.010	4.9	9.8	0.062	5213	97

Daily SO2 0.1 Tons  
 Daily CO2 189.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:55:53

Reporting Period  
 Day: 03/29/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:56:03

Reporting Period  
 Day: 03/30/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:56:10

Reporting Period  
 Day: 03/31/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	1.9	3.3	0.040	11.9	24.4	0.218	21732	290
1100	2.6	5.1	0.050	22.9	46.5	0.303	27102	496
1200	4.3	7.0	0.040	37.6	58.1	0.229	32352	979
1300	4.4	7.1	0.040	46.5	77.9	0.300	39462	1222
1400	4.7	7.2	0.040	51.8	44.4	0.160	43362	1435
1500	4.8	7.2	0.040	52.5	35.7	0.126	43908	1484
1600	4.7	7.1	0.040	51.1	37.4	0.135	43362	1435
1700	4.0	5.8	0.030	32.9	40.3	0.171	34200	963
1800	1.8	5.1	0.070	13.0	18.4	0.173M	15408M	195
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	1.4	2.3	0.016	13.3	16.0	0.076	12537	354

Daily SO2 0.2 Tons  
 Daily CO2 688.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:56:25

Reporting Period  
 Day: 04/01/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:56:39

Reporting Period  
 Day: 04/02/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	1.8	3.0	0.040	8.8	26.0	0.245	17754	225
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	2.3	4.4	0.040	23.1	58.9	0.434	31692	513
1400	3.3	6.4	0.050	37.7	82.7	0.425M	35508M	825
1500	4.3	6.8	0.040	36.8	71.8	0.283	32574	986
1600	4.3	6.9	0.040	46.2	92.3	0.364	40338	1221
1700	4.6	7.3	0.040	53.1	99.8	0.368	43836	1420
1800	4.8	7.5	0.040	56.3	55.3	0.195	45204	1528
1900	4.8	7.3	0.040	53.8	45.5	0.161	44370	1499
2000	2.9	4.9	0.040	25.0	33.9	0.198M	30750M	627
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	1.4	2.3	0.015	14.2	23.6	0.111	13418	369

Daily SO2 0.2 Tons  
 Daily CO2 716.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:56:46

Reporting Period  
 Day: 04/03/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	2.1	3.5	0.040	8.5	29.7	0.240	14628	216
1600	2.9	5.0	0.040	33.5	32.0	0.187	40368	824
1700	3.9	6.3	0.040	46.0	33.0	0.143	44022	1209
1800	5.0	7.6	0.040	58.0	41.2	0.140	46002	1619
1900	4.5	6.8	0.040	51.3	36.9	0.139	45468	1440
2000	2.3	4.4	0.040	25.3	27.3	0.201M	34686M	561
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.9	1.4	0.010	9.3	8.3	0.044	9382	245

Daily SO2 0.1 Tons  
 Daily CO2 475.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:58:06

Reporting Period  
 Day: 04/04/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:58:13

Reporting Period  
 Day: 04/05/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:58:20

Reporting Period  
 Day: 04/06/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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



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Polk Station  
HRSG  
Tampa  
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Today's Date: 01/21/2002  
Time: 10:58:27

Reporting Period  
Day: 04/07/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:58:34

Reporting Period  
 Day: 04/08/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
 =====

Today's Date: 01/21/2002  
 Time: 10:58:41

Reporting Period  
 Day: 04/09/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	1.6	1.4	0.020	0.8	11.2	0.119	3258	36
0800	2.2	3.6	0.040	15.6	36.8	0.284	26094	404
0900	3.5	5.7A	0.040	28.6	48.6	0.235	30246	745
1000	4.7	7.3	0.040	51.6	39.0	0.141	42564	1408
1100	4.5	7.0	0.040	41.9	39.1	0.147	36030	1141
1200	4.7	7.2	0.040	51.5	39.0	0.141	43122	1427
1300	4.6	7.1	0.040	51.7	39.1	0.144	43830	1419
1400	4.6	7.1	0.040	51.4	39.1	0.144	43596	1412
1500	4.6	7.0	0.040	50.4	38.5	0.142	43410	1406
1600	4.8	7.4	0.040	54.1	39.6	0.140	44076	1489
1700	5.2	8.0	0.040	59.5	41.4	0.135	44784	1639
1800	5.2	8.1	0.040	61.2	42.0	0.137	45546	1667
1900	5.2	8.0	0.040	61.3	41.7	0.136	46170	1690
2000	5.2	7.9	0.040	59.8	41.3	0.135	45594	1669
2100	4.0	6.0	0.040	34.3	36.8	0.156	34434	969
2200	1.6	6.8	0.100	26.4	13.6	0.144M	23376M	263
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	2.8	4.4	0.028	29.2	24.5	0.103	24839	783

Daily SO2 0.4 Tons  
 Daily CO2 1520.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:58:47

Reporting Period  
 Day: 04/10/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	1.6	2.5	0.040	1.6	13.8	0.146M	3906M	44
0900	3.8	5.8	0.040	27.8	49.3	0.220	28902	773
1000	4.3	6.5	0.040	35.1	61.7	0.243	32490	983
1100	4.6	7.3	0.040	51.6	90.7	0.334	42558	1378
1200	4.9A	4.4C	0.000	31.5	95.8A	0.331	43146	1488
1300	4.2	1.4	0.010	9.5	18.2	0.073	40956	1211
1400	4.7C	4.7C	0.010	34.1	26.3C	0.159	43704	1446
1500	4.7I	4.7I	0.000	35.3	0.0I	0.159	45246	1497
1600	5.1	7.9	0.040	58.7	41.8	0.139	44754	1607
1700	4.8	7.5	0.040	56.1	39.3	0.139	45024	1521
1800	4.8	7.4	0.040	54.9	38.8	0.137	44670	1509
1900	4.8	7.4	0.040	55.4	38.5	0.136	45060	1523
2000	4.8	7.3	0.040	54.4	38.5	0.136	44862	1516
2100	4.7	7.2	0.040	50.7	38.9	0.140	42456	1405
2200	2.9	5.3	0.040	23.9	31.7	0.185M	27132M	554
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	2.7	3.6	0.019	24.2	26.0	0.112	23953	769

Daily SO2 0.3 Tons  
 Daily CO2 1494.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:58:54

Reporting Period  
 Day: 04/11/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	2.1	3.5	0.040	13.3	34.1	0.275	22974	339
1100	3.0	4.8	0.040	34.0	42.1	0.238	42666	901
1200	4.2	6.6	0.040	48.6	34.7	0.140	44388	1312
1300	5.1	7.9	0.040	58.5	42.4	0.141	44580	1601
1400	5.2	8.0	0.040	58.0	43.1	0.141	43680	1599
1500	5.3	8.2	0.040	59.5	44.2	0.141	43692	1630
1600	4.6	7.2	0.040	52.2	38.4	0.142	43716	1416
1700	4.5	6.9	0.040	49.9	36.4	0.137	43524	1379
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	3.6	5.4	0.040	39.9	28.3	0.133	44496	1128
2000	4.9	7.5	0.040	55.1	39.0	0.135	44280	1527
2100	5.0	7.7	0.040	57.3	40.3	0.137	44832	1578
2200	5.0	7.8	0.040	58.0	40.2	0.136	44814	1577
2300	4.9	7.6	0.040	55.2	39.8	0.138	43776	1510
AVRGE	2.4	3.7	0.022	26.6	21.0	0.085	22976	729

Daily SO2 0.3 Tons  
 Daily CO2 1416.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:59:01

Reporting Period  
 Day: 04/12/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	2.3	4.2	0.040	12.5	21.7	0.160M	17982M	291
0100	1.0	0.0	0.000	0.0	0.0	0.000	366	2
0200	1.0	0.0	0.000	0.0	0.0	0.000	12	0
0300	1.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	1.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	1.0	0.0	0.000	0.0	0.0	0.000	90	0
0600	1.0	0.0	0.000	0.0	0.0	0.000	48	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000M	0M	0
1000	2.9	4.2	0.030	24.2	23.6	0.138I	34728I	709
1100	4.5	6.7	0.040	38.2	39.3	0.148	34386	1089
1200	4.8	7.4	0.040	50.8	39.9	0.141	41316	1396
1300	5.1	7.8	0.040	57.8	41.3	0.137	44670	1604
1400	5.1	7.9	0.040	58.2	41.3	0.137	44370	1593
1500	5.1	7.9	0.040	58.4	41.3	0.137	44556	1600
1600	5.2	8.0	0.040	59.6	41.6	0.136	44910	1644
1700	5.2	8.1	0.040	60.9	41.4	0.135	45270	1657
1800	5.2	8.1	0.040	61.1	41.4	0.135	45474	1665
1900	5.2	8.0	0.040	60.4	40.6	0.132	45510	1666
2000	5.0	7.7	0.040	56.5	39.6	0.134	44208	1556
2100	3.0	5.4	0.040	24.4	28.3	0.160M	27168M	573
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	2.7	3.8	0.021	26.0	20.1	0.076	21461	711

Daily SO2 0.3 Tons  
 Daily CO2 1380.1 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:59:09

Reporting Period  
 Day: 04/13/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	2.5	4.1	0.040	12.7	44.5	0.302	18588	327
1600	4.3	6.4	0.040	31.0	41.3	0.163	29142	882
1700	4.6	7.1	0.040	45.6	38.5	0.142	38688	1253
1800	5.1	7.9	0.040	57.6	41.2	0.137	43950	1578
1900	5.2	7.9	0.040	58.7	41.0	0.134	44766	1639
2000	5.1	7.8	0.040	58.0	40.3	0.134	44772	1608
2100	5.1	7.8	0.040	58.5	39.9	0.133	45162	1622
2200	4.3	6.5	0.040	41.2	36.6	0.144	38172	1155
2300	1.4	6.2	0.100	11.7	9.9	0.120M	11394M	112
AVRGE	1.6	2.6	0.018	15.6	13.9	0.059	13110	424

Daily SO2 0.2 Tons  
 Daily CO2 824.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:59:16

Reporting Period  
 Day: 04/14/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:59:22

Reporting Period  
 Day: 04/15/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	2.4	3.7	0.040	19.1	21.6	0.153	31146	526
2300	3.3	5.3	0.040	38.6	25.2	0.129	43896	1020
AVRGE	0.2	0.4	0.003	2.4	2.0	0.012	3127	64

Daily SO2 0.0 Tons  
 Daily CO2 125.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:59:29

Reporting Period  
 Day: 04/16/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	3.4	5.4	0.040	39.5	24.9	0.124	44100	1055
0100	3.4	5.4	0.040	39.4	24.2	0.121	44004	1053
0200	3.4	5.3	0.040	38.5	24.4	0.122	43734	1047
0300	3.4	5.4	0.040	39.1	25.0	0.125	43644	1044
0400	3.4	5.4	0.040	39.5	24.3	0.121	44088	1055
0500	3.4	5.4	0.040	39.0	24.1	0.120	43536	1042
0600	3.4	5.4	0.040	39.3	24.2	0.121	43812	1049
0700	3.4	5.4	0.040	39.4	24.8	0.124	43950	1052
0800	3.4	5.4	0.040	39.3	24.9	0.124	43806	1048
0900	3.5	5.5	0.040	39.7	26.4	0.128	43434	1070
1000	4.5	6.8	0.040	37.1	39.6	0.149	32856	1041
1100	4.5	6.8	0.040	37.1	39.6	0.149	32850	1041
1200	6.9	96.8	0.540	586.6	27.7	0.111	36504	1090
1300	7.6	102.7	0.520	765.0	22.6	0.082	44874	1476
1400	7.7	102.4	0.510	794.1	23.1	0.083	46716	1557
1500	7.7	102.6	0.510	819.8	22.8	0.082	48132	1604
1600	7.7	102.9	0.510	822.8	22.7	0.081	48168	1605
1700	7.7	102.9	0.510	821.5	23.5	0.084	48096	1603
1800	7.7	101.0	0.500	789.0	24.3	0.087	47058	1568
1900	7.5	93.9	0.480	687.5	24.2	0.089	44106	1432
2000	7.5	71.6	0.370	467.5	24.6	0.090	39330	1276
2100	7.7	70.4	0.350	499.5	24.5	0.088	42744	1424
2200	7.7	63.6	0.320	462.9	24.5	0.088	43842	1461
2300	7.7	62.7	0.310	453.2	24.8	0.089	43542	1451
AVRGE	5.6	47.5	0.246	351.5	25.7	0.108	43205	1256

Daily SO2 4.2 Tons  
 Daily CO2 3331.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:59:36

Reporting Period  
 Day: 04/17/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	52.6	0.260	396.7	25.6	0.092	45438	1514
0100	7.7	49.5	0.250	380.3	26.3	0.094	46284	1542
0200	7.7	49.2	0.240	376.0	26.0	0.093	46032	1534
0300	7.7	53.2	0.270	415.6	25.5	0.091	47058	1568
0400	7.8	53.3	0.260	416.9	25.4	0.090	47124	1591
0500	7.7	60.9	0.300	457.9	25.8	0.092	45294	1509
0600	7.7	77.1	0.380	585.8	26.3	0.094	45768	1525
0700	7.8	82.5	0.410	649.2	26.3	0.093	47406	1600
0800	7.7	81.1	0.400	626.3	27.0	0.097	46518	1550
0900	7.7	83.5	0.420	658.2	27.2	0.097	47484	1582
1000	7.7	73.8	0.370	584.4	26.7	0.096	47700	1590
1100	7.6	63.2	0.320	487.3	26.1	0.095	46446	1528
1200	7.7	60.6	0.300	473.9	26.7	0.096	47112	1570
1300	7.7	56.8	0.280	440.0	27.0	0.097	46662	1555
1400	7.7	54.6	0.270	427.0	26.9	0.096	47112	1570
1500	7.7	48.2	0.240	377.0	27.3	0.098	47124	1570
1600	7.7	42.6	0.210	338.1	25.3	0.091M	47814M	1593
1700	7.8	47.7	0.230	371.0	23.0	0.081M	46854M	1582
1800	7.8	35.1	0.170	268.2	25.3	0.089M	46032M	1554
1900	7.7	32.4	0.160	244.5	25.8	0.092M	45462M	1515
2000	7.7	32.1	0.160	248.6	27.0	0.097	46662	1555
2100	7.8	37.8	0.190	291.3	24.6	0.087	46422	1567
2200	7.8	41.1	0.200	321.7	23.9	0.085	47154	1592
2300	7.7	42.3	0.210	327.5	24.6	0.088	46644	1554
AVRGE	7.7	54.6	0.271	423.5	25.9	0.093	46650	1559

Daily SO2 5.1 Tons  
 Daily CO2 4927.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 10:59:44

Reporting Period  
 Day: 04/18/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	41.1	0.200	312.5	24.5	0.087	45804	1546
0100	7.8	40.9	0.200	311.1	24.2	0.086	45828	1547
0200	7.8	40.1	0.200	314.8	23.9	0.085	47298	1597
0300	7.8	38.2	0.190	291.6	24.8	0.088	45978	1552
0400	7.8	39.2	0.190	305.6	25.2	0.089	46968	1585
0500	7.8	39.6	0.190	311.9	25.5	0.090C	47443C	1601
0600	7.8	41.0	0.200	324.6	25.8	0.091	47694	1610
0700	7.8	41.6	0.200	326.0	26.3	0.093	47214	1594
0800	7.8	42.0	0.210	321.7	25.8	0.091	46140	1557
0900	7.9	43.3	0.210	336.8	25.1	0.088	46854	1602
1000	7.9	45.2	0.220	348.4	24.6	0.086	46428	1587
1100	7.9	43.4	0.210	329.1	24.0	0.084	45684	1562
1200	7.8	42.8	0.210	326.2	23.5	0.083	45918	1550
1300	7.9	41.2	0.200	325.6	23.4	0.082	47610	1628
1400	7.9	38.2	0.190	297.8	23.4	0.082	46962	1606
1500	7.9	36.0	0.170	283.3	23.9	0.083	47400	1621
1600	7.8	32.9	0.160	258.4	24.2	0.086	47310	1597
1700	7.8	31.7	0.160	253.2	24.7	0.087	48114	1624
1800	7.8	28.7	0.140	226.1	24.8	0.088	47454	1602
1900	7.9	27.6	0.130	219.2	24.8	0.087	47844	1636
2000	7.8	26.8	0.130	208.9	24.8	0.088	46950	1585
2100	7.8	26.8	0.130	207.7	24.6	0.087	46686	1576
2200	7.8	27.2	0.130	208.4	24.5	0.087	46164	1558
2300	7.9	27.7	0.130	212.8	24.3	0.085	46284	1582
AVRGE	7.8	36.8	0.179	285.9	24.6	0.087	46835	1588

Daily SO2 3.4 Tons  
 Daily CO2 5018.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:14:45

Reporting Period  
 Day: 07/25/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	33.5	0.160	267.0	29.7	0.104	48006	1641
0100	7.9	37.2	0.180	304.1	30.3	0.106	49248	1684
0200	7.9	40.8	0.200	352.4	30.8	0.108	52038	1779
0300	8.0	40.8	0.200	349.3	31.0	0.107	51570	1785
0400	8.0	41.1	0.200	352.9	30.9	0.107	51720	1791
0500	8.0	39.5	0.190	334.6	29.8	0.103	51030	1767
0600	7.9	38.9	0.190	322.9	28.9	0.101	50010	1710
0700	7.9	39.1	0.190	332.2	29.3	0.102	51186	1750
0800	7.9	39.1	0.190	335.8	31.3	0.109	51738	1769
0900	7.8	39.4	0.190	339.1	34.0	0.120	51840	1750
1000	7.8	39.7	0.200	340.3	34.9	0.123	51642	1743
1100	7.8	40.1	0.200	346.0	34.5	0.122	51978	1755
1200	7.8	40.3	0.200	345.8	33.9	0.120	51684	1745
1300	7.8	40.4	0.200	349.3	33.7	0.119	52092	1758
1400	7.8	40.5	0.200	349.6	33.2	0.117	52008	1756
1500	7.8	40.6	0.200	348.5	32.6	0.115	51708	1745
1600	7.8	41.1	0.200	342.8	30.3	0.107	50250	1696
1700	7.9	40.8	0.200	343.6	29.5	0.103	50736	1735
1800	7.9	41.6	0.200	353.0	29.2	0.102	51120	1748
1900	8.0	41.3	0.200	347.3	28.8	0.099	50664	1754
2000	8.0	41.5	0.200	346.0	28.9	0.100	50220	1739
2100	7.9	42.3	0.210	355.2	28.3	0.099	50592	1730
2200	8.0	43.6	0.210	369.5	27.4	0.094	51054	1768
2300	8.0	43.7	0.210	366.1	26.7	0.092	50472	1747
AVRGE	7.9	40.3	0.197	341.4	30.7	0.107	51025	1744

Daily SO2 4.1 Tons  
 Daily CO2 5511.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:14:52

Reporting Period  
 Day: 07/26/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	44.6	0.210	369.1	26.1	0.090	49854	1726
0100	8.0	43.9	0.210	361.7	26.5	0.091	49632	1718
0200	8.0	44.1	0.210	367.6	26.3	0.091	50220	1739
0300	8.0	43.1	0.210	358.1	25.6	0.088	50058	1733
0400	8.0	43.2	0.210	353.3	24.9	0.086	49266	1706
0500	8.1	44.2	0.210	357.1	24.7	0.084	48672	1706
0600	8.0	44.4	0.210	364.8	25.1	0.087	49494	1714
0700	8.1	44.8	0.210	370.4	25.7	0.088	49800	1746
0800	8.0	45.2	0.220	374.3	27.1	0.093	49890	1727
0900	8.0	45.7	0.220	382.3	28.5	0.098	50388	1745
1000	8.0	46.0	0.220	388.2	29.7	0.102	50832	1760
1100	8.0	46.2	0.220	388.6	30.1	0.104	50670	1754
1200	8.0	46.6	0.220	397.3	29.7	0.102	51354	1778
1300	7.9	47.4	0.230	403.2	29.6	0.103	51246	1752
1400	7.9	47.7	0.230	401.4	29.7	0.104	50694	1733
1500	7.9	47.8	0.230	402.2	29.2	0.102	50682	1733
1600	7.9	47.2	0.230	397.9	28.9	0.101	50778	1736
1700	8.0	46.2	0.220	383.0	28.6	0.099	49938	1729
1800	8.0	44.8	0.210	371.2	28.7	0.099	49914	1728
1900	8.0	43.6	0.210	359.6	28.6	0.099	49686	1720
2000	8.0	42.8	0.200	351.9	28.9	0.100	49536	1715
2100	8.0	43.0	0.210	352.0	28.5	0.098	49320	1708
2200	8.0	43.1	0.210	356.2	27.7	0.096	49788	1724
2300	8.0	43.3	0.210	355.9	27.3	0.094	49512	1714
AVRGE	8.0	45.0	0.215	373.6	27.7	0.096	50051	1731

Daily SO2 4.5 Tons  
 Daily CO2 5471.8 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:14:59

Reporting Period  
 Day: 07/27/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	43.5	0.210	362.2	26.8	0.092	50154	1736
0100	8.0	44.4	0.210	365.9	26.0	0.090	49638	1719
0200	8.0	45.2	0.220	374.3	25.1	0.087	49890	1727
0300	8.0	46.6	0.220	385.7	24.8	0.086	49866	1726
0400	8.0	47.6	0.230	389.6	24.3	0.084	49308	1720
0500	8.0	48.9	0.230	403.2	24.2	0.083	49668	1707
0600	8.1	50.2	0.240	415.2	24.6	0.084	49830	1747
0700	8.1	51.5	0.240	427.4	24.6	0.084	49992	1752
0800	8.1	53.1	0.250	444.1	25.4	0.086	50382	1766
0900	8.0	53.5	0.260	449.3	27.0	0.093	50586	1751
1000	7.9	54.1	0.260	457.3	27.7	0.097	50922	1741
1100	7.9	53.5	0.260	458.1	28.3	0.099	51582	1764
1200	7.9	51.7	0.250	434.2	28.2	0.098	50598	1730
1300	7.9	50.3	0.240	417.1	27.0	0.094	49956	1708
1400	7.9	50.8	0.250	422.6	26.6	0.093	50118	1713
1500	7.9	53.6	0.260	451.0	27.1	0.095	50688	1733
1600	8.1	54.3	0.260	445.5	25.2	0.086	49422	1732
1700	8.1	54.7	0.260	450.5	24.2	0.082	49608	1739
1800	8.1	58.0	0.270	481.0	23.4	0.080	49962	1751
1900	8.1	58.8	0.280	480.3	22.6	0.077	49206	1725
2000	8.1	60.1	0.280	493.8	22.0	0.075	49494	1735
2100	8.2	60.1	0.280	496.8	21.8	0.073	49800	1767
2200	8.2	61.2	0.290	502.6	21.5	0.072	49470	1756
2300	8.2	62.3	0.290	518.6	21.2	0.071	50142	1779
AVRGE	8.0	52.8	0.252	438.6	25.0	0.086	50012	1739

Daily SO2 5.3 Tons  
 Daily CO2 5495.7 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:06

Reporting Period  
 Day: 07/28/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.2	61.8	0.290	506.2	21.3	0.072	49344	1751
0100	8.2	61.5	0.290	507.8	21.5	0.072	49740	1765
0200	8.2	61.7	0.290	499.7	21.3	0.072	48792	1732
0300	8.2	62.2	0.290	509.8	21.2	0.071	49374	1752
0400	8.2	63.2	0.300	515.6	21.0	0.071	49146	1744
0500	8.2	63.0	0.290	513.2	21.1	0.071	49068	1741
0600	8.1	63.5	0.300	518.0	21.2	0.072	49140	1723
0700	8.1	64.7	0.310	532.2	21.4	0.073	49548	1737
0800	8.1	67.1	0.320	547.4	22.0	0.075	49140	1723
0900	8.1	63.2	0.300	520.7	24.6	0.084	49632	1740
1000	8.0	52.3	0.250	419.3	25.1	0.087	48300	1672
1100	8.0	47.1	0.230	365.9	25.9	0.089	46800	1620
1200	8.0	47.1	0.230	366.9	25.2	0.087	46932	1625
1300	8.0	47.6	0.230	371.6	24.9	0.086	47034	1628
1400	7.9	47.0	0.230	364.4	25.5	0.089	46704	1597
1500	7.9	45.9	0.220	355.4	25.8	0.090	46638	1594
1600	7.9	44.8	0.220	348.0	27.1	0.095	46788	1600
1700	7.8	42.6	0.210	329.6	27.2	0.096	46614	1573
1800	7.9	42.0	0.200	321.9	27.0	0.094	46164	1578
1900	7.9	41.4	0.200	320.0	27.3	0.095	46560	1592
2000	7.9	40.8	0.200	315.8	27.4	0.096	46632	1594
2100	7.8	39.9	0.200	306.2	25.9	0.092	46236	1561
2200	7.9	41.2	0.200	319.2	25.9	0.090	46668	1596
2300	7.9	42.0	0.200	330.7	25.7	0.090	47436	1622
AVRGE	8.0	52.2	0.250	416.9	24.3	0.084	47851	1661

Daily SO2 5.0 Tons  
 Daily CO2 5250.0 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:12

Reporting Period  
 Day: 07/29/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	43.2	0.210	345.7	25.2	0.087	48204	1669
0100	8.0	44.1	0.210	352.7	24.5	0.084	48174	1668
0200	8.0	45.5	0.220	366.0	25.0	0.086	48462	1678
0300	8.0	44.4	0.210	357.6	25.1	0.087	48522	1680
0400	8.1	47.1	0.220	381.8	24.9	0.085	48828	1712
0500	8.0	48.7	0.230	393.8	24.4	0.084	48714	1687
0600	8.0	49.3	0.240	404.1	24.3	0.084	49380	1710
0700	8.1	50.1	0.240	409.0	23.8	0.081	49182	1724
0800	8.0	50.8	0.240	418.0	25.6	0.088	49572	1716
0900	8.0	50.8	0.240	418.0	28.1	0.097	49572	1716
1000	8.0	49.8	0.240	411.6	28.5	0.098	49794	1724
1100	8.0	50.2	0.240	415.0	28.2	0.097	49800	1724
1200	7.9	51.6	0.250	428.9	28.1	0.098	50076	1712
1300	7.9	53.9	0.260	442.5	28.2	0.098	49458	1691
1400	7.9	55.6	0.270	453.5	28.5	0.100	49140	1680
1500	7.9	56.0	0.270	461.8	28.5	0.100	49680	1699
1600	7.9	57.2	0.280	474.1	28.6	0.100	49932	1707
1700	7.9	58.3	0.280	476.1	28.6	0.100	49194	1682
1800	7.9	58.2	0.280	476.2	28.4	0.099	49290	1685
1900	7.9	57.6	0.280	472.1	28.4	0.099	49374	1688
2000	8.0	58.1	0.280	477.6	28.0	0.097	49524	1715
2100	8.0	57.3	0.270	474.0	27.5	0.095	49830	1725
2200	8.1	60.0	0.280	497.3	26.6	0.091	49932	1750
2300	8.1	63.6	0.300	518.7	24.7	0.084	49134	1722
AVRGE	8.0	52.6	0.252	430.3	26.7	0.092	49282	1703

Daily SO2 5.2 Tons  
 Daily CO2 5382.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:19

Reporting Period  
 Day: 07/30/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	68.9	0.330	560.2	23.8	0.081	48984	1717
0100	8.1	74.3	0.350	606.8	22.9	0.078	49200	1725
0200	8.2	75.9	0.360	622.5	22.2	0.075	49404	1753
0300	8.2	78.2	0.370	630.8	21.5	0.072	48594	1724
0400	8.2	77.4	0.360	628.1	21.0	0.071	48888	1735
0500	8.2	76.1	0.360	615.8	21.0	0.071	48750	1730
0600	8.2	76.5	0.360	619.3	20.5	0.069	48768	1731
0700	8.2	76.0	0.360	621.8	20.4	0.069	49290	1749
0800	8.1	63.1	0.300	501.3	22.1	0.075	47862	1678
0900	8.0	52.6	0.250	419.0	25.2	0.087	47982	1661
1000	7.9	46.0	0.220	366.3	27.6	0.096	47964	1640
1100	7.9	44.7	0.220	352.7	28.8	0.101	47532	1625
1200	7.8	45.1	0.220	359.8	30.2	0.107	48060	1622
1300	7.7	44.9	0.220	360.6	30.6	0.110	48378	1612
1400	7.7	43.9	0.220	348.3	30.4	0.109	47796	1593
1500	7.7	40.3	0.200	321.8	30.6	0.110	48102	1603
1600	7.7	41.4	0.210	330.5	31.5	0.113	48096	1603
1700	7.8	41.5	0.200	330.1	31.9	0.113	47916	1617
1800	7.7	41.0	0.200	325.3	31.4	0.112	47790	1593
1900	7.8	41.9	0.210	332.1	31.1	0.110	47748	1612
2000	7.8	42.6	0.210	337.3	31.1	0.110	47694	1610
2100	7.7	42.2	0.210	323.9	29.9	0.107	46236	1541
2200	6.5	28.3	0.170	170.4	42.9	0.182	36264	1020
2300	6.6	22.9	0.130	132.3	58.1	0.243	34812	994
AVRGE	7.8	53.6	0.260	425.7	28.6	0.103	47171	1604

Daily SO2 5.1 Tons  
 Daily CO2 5069.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:28

Reporting Period  
 Day: 07/31/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	4.8	6.3	0.050	34.8	47.5	0.273	33240	690
0100	4.6	5.2	0.030	27.7	44.4	0.164	32100	1039
0200	4.7	5.2	0.030	27.8	44.3	0.160	32190	1065
0300	4.6	5.2	0.030	27.6	43.8	0.161	31938	1034
0400	4.7	5.2	0.030	28.2	43.8	0.158	32700	1082
0500	4.6	5.2	0.030	27.8	43.5	0.160	32256	1044
0600	4.7	5.3	0.030	28.5	43.2	0.156	32388	1071
0700	4.8	5.5	0.030	34.9	42.4	0.150	38250	1292
0800	4.8	5.4	0.030	34.3	42.9	0.152	38280	1293
0900	4.8	5.4	0.030	34.3	43.8	0.155	38268	1293
1000	4.7	5.4	0.030	34.1	45.4	0.164	38058	1259
1100	4.7	5.4	0.030	34.5	45.9	0.166	38466	1273
1200	4.7	5.4	0.030	34.7	46.1	0.166	38730	1281
1300	4.9	5.5	0.030	34.7	30.2	0.104	37956	1309
1400	4.9	5.5	0.030	34.6	27.5	0.095	37926	1308
1500	4.9	5.5	0.030	34.4	27.9	0.097	37698	1300
1600	4.9	5.6	0.030	34.7	29.1	0.101	37332	1288
1700	4.6	5.0	0.030	28.8	27.9	0.103	34740	1125
1800	1.8	2.5	0.030	9.8	23.1	0.218	23622	299
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	3.6	4.2	0.025	24.4	30.9	0.121	27756	890

Daily SO2 0.3 Tons  
 Daily CO2 1763.8 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:34

Reporting Period  
 Day: 08/01/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	1.6	1.3	0.020	3.8	15.5	0.164	17406	196
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.1	0.1	0.001	0.2	0.6	0.007	725	8

Daily SO2 0.0 Tons  
 Daily CO2 15.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:41

Reporting Period  
 Day: 08/02/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	2.3	2.3	0.020	10.3	38.6	0.285	26988	437
0800	3.6	4.7	0.030	24.6	61.1A	0.288	31476	797
0900	4.7	5.6	0.030	30.2	30.8	0.111	32454	1074
1000	4.6	5.2	0.030	28.0	30.1	0.111	32454	1051
1100	4.6	5.3	0.030	28.6	30.0	0.111	32496	1052
1200	4.6	5.2	0.030	27.8	29.6	0.109	32202	1043
1300	4.7	5.2	0.030	27.9	29.9	0.108	32274	1068
1400	4.6	5.2	0.030	28.1	29.5	0.109	32556	1054
1500	4.7	5.2	0.030	28.3	29.6	0.107	32754	1084
1600	4.6	5.2	0.030	28.0	29.3	0.108	32460	1051
1700	4.7	5.2	0.030	28.0	29.3	0.106	32406	1072
1800	4.6	5.1	0.030	27.4	28.9	0.107	32358	1048
1900	4.6	5.1	0.030	27.4	28.6	0.105	32406	1049
2000	4.5	4.9	0.030	26.1	27.7	0.104	32040	1015
2100	2.1	3.2	0.040	14.1	23.9	0.193M	26610M	393
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	2.6	3.0	0.019	16.0	19.9	0.086	19747	596

Daily SO2 0.2 Tons  
 Daily CO2 1157.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:47

Reporting Period  
 Day: 08/03/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	1.8	1.6	0.020	2.5	17.9	0.169	9228	116
1000	3.2	3.6	0.030	18.0	68.1	0.361	30054	677
1100	4.5	5.2	0.030	29.9	35.0	0.132	34632	1097
1200	5.5	6.7	0.030	50.6	40.8	0.126	45516	1762
1300	5.5	6.7	0.030	50.0	41.0	0.126	44922	1739
1400	5.5	6.7	0.030	50.1	41.1	0.127	45018	1743
1500	5.5	6.7	0.030	49.8	40.7	0.125	44754	1733
1600	5.5	6.7	0.030	49.2	40.4	0.125	44274	1714
1700	5.5	6.7	0.030	49.7	40.1	0.124	44682	1730
1800	5.5	6.6	0.030	49.9	39.0	0.120	45558	1764
1900	5.4	6.6	0.030	49.5	38.4	0.121	45204	1719
2000	5.1	6.0	0.030	42.3	36.8	0.122	42456	1524
2100	2.2	3.9	0.040	20.1	19.7	0.152M	31122M	482
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	2.5	3.1	0.016	21.3	20.8	0.080	21143	742

Daily SO2 0.3 Tons  
 Daily CO2 1441.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:15:53

Reporting Period  
 Day: 08/04/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.0	0.0	0.000	0.0	0.0	0.000	0	0

Daily SO2 0.0 Tons  
 Daily CO2 0.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:01

Reporting Period  
 Day: 08/05/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	1.9	1.7	0.020	4.6	22.6	0.202	16368	219
0700	2.6	2.7	0.020	17.3	30.7	0.200	38574	706
0800	3.2	3.8	0.030	27.8	23.0	0.122	44112	994
0900	3.8	4.5	0.030	33.0	27.8	0.124	44190	1182
1000	4.1	4.8	0.030	34.6	30.8	0.127	43404	1253
1100	5.3	6.5	0.030	47.9	41.3	0.132	44436	1658
1200	5.6	6.8	0.030	50.6	42.2	0.128	44784	1766
1300	5.5	6.7	0.030	49.8	41.8	0.129	44760	1733
1400	4.9	5.6	0.030	39.9	37.5	0.130	42906	1480
1500	4.9	5.6	0.030	39.3	36.9	0.128	42330	1460
1600	4.9	5.6	0.030	39.1	36.4	0.126	42066	1451
1700	4.9	5.6	0.030	39.0	36.5	0.126	41910	1446
1800	4.9	5.6	0.030	39.0	36.2	0.125	41970	1448
1900	4.9	5.6	0.030	38.6	35.9	0.124	41502	1432
2000	4.9	5.6	0.030	38.4	35.8	0.124	41262	1423
2100	4.9	5.6	0.030	38.6	35.5	0.123	41508	1432
2200	4.9	5.7	0.030	39.1	35.4	0.122	41376	1427
2300	4.9	5.7	0.030	39.1	35.3	0.122	41292	1424
AVRGE	3.4	3.9	0.022	27.3	25.9	0.101	30781	998

Daily SO2 0.3 Tons  
 Daily CO2 1937.7 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:07

Reporting Period  
 Day: 08/06/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	4.9	5.6	0.030	38.3	35.3	0.122	41232	1422
0100	4.9	5.6	0.030	38.7	35.3	0.122	41622	1436
0200	4.9	5.6	0.030	38.6	35.2	0.122	41502	1432
0300	4.9	5.5	0.030	37.3	34.7	0.120	40836	1409
0400	4.9	5.6	0.030	37.9	34.7	0.120	40824	1408
0500	4.8	5.3	0.030	29.3	40.0	0.141	33354	1127
0600	4.8	5.3	0.030	27.8	35.0	0.124	31578	1067
0700	4.8	5.3	0.030	27.7	35.0	0.124	31476	1063
0800	4.7	5.3	0.030	27.7	42.5	0.153	31452	1041
0900	5.9	27.6	0.180	161.2	30.7	0.144	35184	898
1000	7.2A	45.4	0.240	287.0	22.3	0.085	38088	1187
1100	8.0	59.2	0.280	424.7	22.2	0.077	43212	1496
1200	8.1	47.3	0.220	388.4	22.4	0.076	49470	1734
1300	8.1	24.1	0.110	198.0	22.5	0.077	49482	1735
1400	8.1	24.7	0.120	202.4	22.4	0.076	49356	1730
1500	8.0	26.1	0.120	213.3	22.0	0.076	49236	1705
1600	8.1	23.1	0.110	184.2	21.3	0.073	48030	1684
1700	8.2	20.1	0.090	160.2	20.8	0.070	48012	1704
1800	8.2	21.8	0.100	174.0	21.0	0.071	48090	1707
1900	8.2	22.3	0.100	179.4	21.7	0.073	48474	1720
2000	8.1	22.3	0.110	179.3	22.2	0.076	48444	1698
2100	8.1	21.3	0.100	170.5	22.1	0.075	48234	1691
2200	8.1	23.5	0.110	180.5	21.8	0.074	46266	1622
2300	6.9	27.0	0.150	172.6	20.9	0.084	38514	1150
AVRGE	6.7	20.2	0.100	149.1	27.7	0.098	42582	1453

Daily SO2 1.8 Tons  
 Daily CO2 4013.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:13

Reporting Period  
 Day: 08/07/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	6.4	33.7	0.200	206.7	20.7	0.089	36954	1023
0100	6.4	52.4	0.310	317.2	20.5	0.088	36468	1010
0200	6.4	51.6	0.310	315.5	20.3	0.087	36828	1020
0300	7.3	59.1	0.310	376.3	20.7	0.078	38352	1211
0400	7.7	69.0	0.340	456.9	20.5	0.073	39888	1329
0500	7.8	71.2	0.350	466.8	21.0	0.074	39498	1333
0600	7.8A	70.2	0.350	461.2	21.1	0.075	39576	1336
0700	7.8	69.1	0.340	455.9	21.2	0.075	39744	1342
0800	7.8	70.8	0.350	469.1	21.4	0.076	39912	1347
0900	7.8	71.5	0.350	471.2	21.7	0.077	39702	1340
1000	7.7	73.9	0.370	493.1	22.2	0.080	40200	1340
1100	7.7	72.9	0.360	484.8	23.2	0.083	40062	1335
1200	7.7	64.6	0.320	431.0	23.5	0.084	40194	1339
1300	7.7	59.5	0.300	401.8	23.6	0.085	40680	1356
1400	7.9	29.1	0.140	219.1	24.0	0.084	45366	1551
1500	7.9	27.3	0.130	218.3	23.9	0.083	48168	1647
1600	8.0	34.8	0.170	292.9	23.9	0.082	50700	1755
1700	8.0	35.7	0.170	298.5	23.7	0.082	50376	1744
1800	8.0	37.0	0.180	313.4	23.6	0.081	51030	1767
1900	8.0	37.3	0.180	313.0	23.3	0.080	50544	1750
2000	8.1	37.4	0.180	310.7	22.9	0.078	50046	1754
2100	8.1	37.4	0.180	314.8	23.1	0.079	50700	1777
2200	8.1	37.4	0.180	314.4	23.0	0.078	50646	1775
2300	8.1	37.4	0.180	313.4	22.7	0.077	50484	1770
AVRGE	7.7	51.7	0.260	363.2	22.3	0.080	43588	1457

Daily SO2 4.4 Tons  
 Daily CO2 4603.5 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:20

Reporting Period  
 Day: 08/08/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	37.5	0.180	312.8	22.6	0.077	50256	1762
0100	8.1	36.7	0.170	306.9	22.3	0.076	50382	1766
0200	8.1	37.3	0.180	312.8	22.2	0.076	50526	1771
0300	8.1	37.5	0.180	310.5	22.6	0.077	49872	1748
0400	8.1	39.4	0.190	327.8	22.5	0.077	50112	1757
0500	8.0	40.3	0.190	336.5	22.3	0.077	50298	1741
0600	8.1	46.3	0.220	398.5	22.7	0.077	51852	1818
0700	8.0	47.4	0.230	406.2	22.6	0.078	51630	1788
0800	8.1	50.1	0.240	432.2	22.5	0.077	51972	1822
0900	8.0	43.2	0.210	362.4	22.9	0.079	50532	1750
1000	8.0	39.2	0.190	324.3	22.8	0.079	49842	1726
1100	7.9	39.6	0.190	325.1	23.8	0.083	49452	1691
1200	7.9	41.2	0.200	338.3	24.6	0.086	49464	1691
1300	7.8	44.0	0.220	361.1	24.7	0.087	49440	1669
1400	7.9	46.3	0.220	378.0	24.9	0.087	49188	1682
1500	7.9	46.9	0.230	383.0	25.3	0.088	49194	1682
1600	7.9	46.4	0.230	382.6	25.4	0.089	49674	1698
1700	7.9	47.7	0.230	389.9	25.1	0.088	49236	1683
1800	7.8	47.6	0.230	393.3	24.9	0.088	49776	1680
1900	8.0	39.4	0.190	320.3	23.7	0.082	48966	1695
2000	8.0	31.3	0.150	256.9	23.4	0.081	49440	1712
2100	8.0	31.2	0.150	253.0	23.5	0.081	48858	1692
2200	8.0	33.6	0.160	273.2	23.3	0.080	48978	1696
2300	8.0	35.6	0.170	285.1	22.8	0.079	48240	1670
AVRGE	8.0	41.1	0.198	340.4	23.5	0.081	49883	1725

Daily SO2 4.1 Tons  
 Daily CO2 5451.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:26

Reporting Period  
 Day: 08/09/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	36.1	0.170	291.3	22.3	0.076	48612	1704
0100	8.1	37.4	0.180	300.8	22.0	0.075	48450	1698
0200	8.1	39.1	0.190	315.1	21.6	0.074	48546	1702
0300	8.1	36.9	0.170	293.2	22.0	0.075	47874	1678
0400	8.1	35.2	0.170	284.1	22.6	0.077	48624	1704
0500	7.4	31.0	0.160	250.5	21.1	0.079M	48678M	1559
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	3.1	4.4	0.050	19.4	25.0	0.222	26550	356
1300	5.7	38.3	0.260	217.7	35.7	0.173	34242	844
1400	6.8	58.7	0.330	357.3	23.3	0.095	36666	1079
1500	7.8	66.2	0.330	447.2	23.1	0.082	40692	1374
1600	8.1	61.8	0.290	500.6	23.6	0.080	48798	1711
1700	8.1	50.3	0.240	411.6	23.6	0.080	49296	1728
1800	8.1	45.5	0.220	372.6	23.2	0.079	49326	1729
1900	8.1	41.8	0.200	342.3	22.9	0.078	49332	1729
2000	8.1	41.2	0.200	340.5	23.0	0.078	49788	1745
2100	8.1	41.9	0.200	346.4	22.8	0.078	49806	1746
2200	8.1	42.6	0.200	349.2	22.2	0.076	49386	1731
2300	8.2	43.9	0.210	356.9	22.7	0.076	48978	1738
AVRGE	5.7	31.3	0.157	241.5	17.6	0.069	34319	1149

Daily SO2 2.9 Tons  
 Daily CO2 3629.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:32

Reporting Period  
 Day: 08/10/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	42.8	0.200	348.7	22.5	0.077	49086	1721
0100	8.1	43.0	0.200	351.3	22.0	0.075	49218	1725
0200	8.1	44.0	0.210	361.5	22.6	0.077	49494	1735
0300	8.0	42.7	0.200	348.1	22.5	0.078	49116	1700
0400	8.1	41.5	0.200	336.8	22.3	0.076	48888	1714
0500	8.1	40.5	0.190	329.9	22.6	0.077	49074	1720
0600	8.1	41.9	0.200	346.8	23.1	0.079	49866	1748
0700	8.0	43.0	0.210	356.5	23.0	0.079	49938	1729
0800	8.1	46.7	0.220	388.6	23.5	0.080	50124	1757
0900	8.1	44.7	0.210	369.4	24.3	0.083	49788	1745
1000	8.0	43.9	0.210	365.0	24.4	0.084	50088	1734
1100	8.0	45.7	0.220	383.5	24.4	0.084	50550	1750
1200	8.0	41.1	0.200	345.7	23.7	0.082	50664	1754
1300	8.0	43.3	0.210	361.4	23.4	0.081	50274	1741
1400	8.0	45.0	0.220	374.1	23.5	0.081	50076	1734
1500	8.0	45.4	0.220	381.1	23.3	0.080	50574	1751
1600	8.0	44.2	0.210	367.2	23.1	0.080	50052	1733
1700	8.1	41.3	0.200	338.5	22.7	0.077	49374	1731
1800	8.1	37.6	0.180	310.4	22.6	0.077	49734	1743
1900	8.1	36.9	0.170	300.9	22.5	0.077	49128	1722
2000	8.1	34.6	0.160	282.5	22.5	0.077	49182	1724
2100	8.1	35.9	0.170	293.8	22.2	0.076	49308	1728
2200	8.1	36.9	0.170	300.8	22.4	0.076	49110	1722
2300	8.1	38.4	0.180	312.8	22.1	0.075	49068	1720
AVRGE	8.1	41.7	0.198	344.0	23.0	0.079	49657	1733

Daily SO2 4.1 Tons  
 Daily CO2 5476.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:40

Reporting Period  
 Day: 08/11/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	40.3	0.190	327.0	22.1	0.075	48876	1713
0100	8.1	40.3	0.190	324.6	22.0	0.075	48528	1701
0200	8.1	40.9	0.190	332.4	22.0	0.075	48960	1716
0300	8.1	42.7	0.200	347.0	21.8	0.074	48954	1716
0400	8.1	41.8	0.200	338.6	21.8	0.074	48798	1711
0500	8.1	41.6	0.200	337.6	21.9	0.075	48882	1714
0600	8.1A	40.9	0.190	335.0	22.1	0.075	49338	1730
0700	8.1	39.4	0.190	327.0	22.7	0.077	49992	1752
0800	8.1	38.6	0.180	316.0	23.5	0.080	49320	1729
0900	8.0	36.6	0.180	303.2	24.6	0.085	49908	1728
1000	8.0	36.3	0.170	302.0	26.5	0.091	50124	1735
1100	8.0	36.6	0.180	305.4	26.9	0.093	50268	1740
1200	8.0	36.9	0.180	304.2	26.4	0.091	49668	1720
1300	7.9	37.0	0.180	307.4	26.4	0.092	50052	1711
1400	7.9	37.3	0.180	310.8	26.4	0.092	50196	1716
1500	7.9	37.9	0.180	316.3	26.1	0.091	50280	1719
1600	7.9	36.7	0.180	310.6	25.9	0.090	50976	1743
1700	8.0	36.5	0.180	306.4	25.1	0.087	50562	1751
1800	8.0	39.0	0.190	321.4	23.2	0.080	49638	1719
1900	8.1	42.5	0.200	349.0	22.4	0.076	49464	1734
2000	8.2	44.5	0.210	362.6	21.9	0.074	49080	1742
2100	8.2	46.9	0.220	384.7	21.4	0.072	49410	1753
2200	8.2	48.7	0.230	400.2	21.2	0.071	49500	1757
2300	8.2	47.3	0.220	391.0	20.9	0.070	49800	1767
AVRGE	8.1	40.3	0.192	331.7	23.6	0.081	49607	1730

Daily SO2 4.0 Tons  
 Daily CO2 5468.1 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:16:47

Reporting Period  
 Day: 08/12/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.2	48.6	0.230	401.1	20.7	0.070	49722	1765
0100	8.2	49.5	0.230	403.5	20.9	0.070	49104	1743
0200	8.2	40.8	0.190	335.9	20.8	0.070	49590	1760
0300	8.2	34.8	0.160	283.0	20.8	0.070	48990	1739
0400	8.2	35.0	0.160	284.2	20.8	0.070	48924	1736
0500	8.2	34.6	0.160	281.2	20.7	0.070	48966	1738
0600	8.2A	33.6	0.160	275.1	20.7	0.070	49320	1750
0700	8.2	36.0	0.170	297.9	20.4	0.069	49842	1769
0800	8.2	37.8	0.180	310.2	20.2	0.068	49428	1754
0900	8.2	38.9	0.180	321.8	19.9	0.067	49842	1769
1000	8.2	35.7	0.170	290.6	20.7	0.070	49044	1740
1100	8.1	36.4	0.170	297.4	20.5	0.070	49212	1725
1200	8.1	34.8	0.160	284.9	20.8	0.071	49326	1729
1300	8.1	35.6	0.170	289.2	20.5	0.070	48936	1715
1400	8.1	34.6	0.160	277.7	20.5	0.070	48348	1695
1500	8.1	34.9	0.170	280.7	20.4	0.069	48444	1698
1600	8.1	36.2	0.170	286.5	20.3	0.069	47682	1671
1700	8.1	34.0	0.160	267.5	20.6	0.070	47400	1662
1800	8.1	32.6	0.150	259.4	20.5	0.070	47934	1680
1900	8.1	29.7	0.140	232.1	19.9	0.068	47076	1650
2000	8.1	30.3	0.140	236.4	19.7	0.067	46992	1647
2100	8.1	30.2	0.140	234.6	19.7	0.067	46800	1641
2200	8.1	30.6	0.150	238.4	20.0	0.068	46926	1645
2300	8.1	30.9	0.150	241.4	20.2	0.069	47064	1650
AVRGE	8.1	35.7	0.168	287.9	20.4	0.069	48538	1712

Daily SO2 3.5 Tons  
 Daily CO2 5409.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:22:16

Reporting Period  
 Day: 11/28/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	38.7	0.190	323.6	18.9	0.065	50370	1744
0100	8.0	37.1	0.180	308.7	19.5	0.067	50124	1735
0200	8.0	35.7	0.170	296.7	20.1	0.069	50058	1733
0300	8.0	34.4	0.160	280.4	20.0	0.069	49104	1700
0400	7.9	32.0	0.160	267.4	20.4	0.071	50334	1721
0500	7.9	29.7	0.140	248.2	20.2	0.071	50340	1721
0600	7.9	27.0	0.130	223.0	20.3	0.071A	49752A	1701
0700	7.9	26.6	0.130	221.7	20.3	0.071	50214	1717
0800	7.9	26.8	0.130	222.5	20.3	0.071	50022	1710
0900	7.9	26.3	0.130	220.0	20.7	0.072	50388	1723
1000	7.9	29.9	0.150	245.8	20.4	0.071	49524	1693
1100	7.9	36.5	0.180	309.5	20.0	0.070	51084	1747
1200	8.0	39.7	0.190	334.1	19.7	0.068	50700	1755
1300	7.9	36.4	0.180	306.0	20.2	0.071	50640	1731
1400	6.3	25.8	0.160	211.9	21.6	0.095	49482	1349
1500	7.8	17.8	0.090	145.4	24.1	0.085	49224	1662
1600	7.8	13.7	0.070	112.2	26.7	0.094	49350	1666
1700	7.8	10.4	0.050	85.2	28.2	0.100	49380	1667
1800	7.8	10.4	0.050	84.9	28.7	0.101	49176	1660
1900	7.8	12.2	0.060	102.1	29.4	0.104	50412	1702
2000	7.8	13.9	0.070	117.5	29.7	0.105	50940	1720
2100	7.8	13.8	0.070	117.0	29.6	0.105	51054	1723
2200	7.8	14.1	0.070	123.3	30.0	0.106	52692	1779
2300	7.8	16.8	0.080	146.6	30.5	0.108	52566	1774
AVRGE	7.8	25.2	0.125	210.6	23.3	0.083	50289	1702

Daily SO2 2.5 Tons  
 Daily CO2 5377.9 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:22:23

Reporting Period  
 Day: 11/29/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	15.8	0.080	135.9	28.8	0.102	51822	1749
0100	7.9	14.8	0.070	128.7	29.5	0.103	52374	1791
0200	7.9	14.7	0.070	127.4	29.8	0.104	52206	1785
0300	7.8	15.3	0.080	130.4	29.8	0.105	51324	1733
0400	7.9	15.9	0.080	135.3	28.9	0.101	51264	1753
0500	7.9	13.9	0.070	119.0	28.3	0.099	51570	1763
0600	7.9	14.0	0.070	120.5	28.9	0.101	51870	1773
0700	7.9	14.4	0.070	124.6	28.9	0.101	52146	1783
0800	7.9	14.6	0.070	126.8	29.4	0.103	52308	1788
0900	7.8	16.3	0.080	143.0	29.3	0.104	52860	1784
1000	7.8	18.1	0.090	157.8	30.3	0.107	52506	1772
1100	7.7	19.4	0.100	171.5	30.3	0.109	53268	1775
1200	7.8	20.0	0.100	175.1	30.4	0.107	52734	1780
1300	7.7	18.4	0.090	159.1	30.6	0.110	52098	1736
1400	7.7	19.3	0.100	169.7	30.7	0.110	52968	1765
1500	7.7	18.5	0.090	161.4	31.2	0.112	52566	1752
1600	7.7	17.9	0.090	155.4	31.1	0.111	52308	1743
1700	7.7	17.0	0.080	146.7	30.9	0.111	51984	1732
1800	7.7	16.3	0.080	137.9	31.0	0.111	50976	1699
1900	7.7	16.0	0.080	136.3	31.2	0.112	51306	1710
2000	7.8	16.1	0.080	137.8	31.8	0.112	51552	1740
2100	7.8	16.1	0.080	139.1	31.9	0.113	52044	1757
2200	7.8	16.4	0.080	141.2	31.6	0.112	51876	1751
2300	7.8	16.3	0.080	142.1	31.4	0.111	52500	1772
AVRGE	7.8	16.5	0.082	142.6	30.3	0.107	52101	1758

Daily SO2 1.7 Tons  
 Daily CO2 5556.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:22:29

Reporting Period  
 Day: 11/30/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	16.6	0.080	145.6	31.7	0.112	52848	1784
0100	7.8	17.3	0.080	153.5	31.4	0.111	53442	1804
0200	7.9	16.9	0.080	146.1	31.1	0.109	52092	1781
0300	7.9	18.2	0.090	158.4	30.3	0.106	52440	1793
0400	7.9	19.8	0.100	171.8	29.5	0.103	52272	1787
0500	7.9	21.8	0.110	189.9	28.4	0.099	52464	1794
0600	7.9	23.4	0.110	203.4	28.0	0.098	52374	1791
0700	8.0	26.5	0.130	232.7	27.8	0.096	52896	1831
0800	8.0	30.9	0.150	264.4	27.2	0.094	51552	1785
0900	7.9	35.1	0.170	305.5	26.9	0.094	52428	1792
1000	7.9	39.5	0.190	345.7	26.2	0.091	52722	1803
1100	7.9	39.5	0.190	346.6	25.8	0.090	52854	1807
1200	7.8	38.6	0.190	334.9	25.9	0.092	52272	1765
1300	7.8	41.7	0.200	364.2	25.3	0.089	52608	1776
1400	7.8	41.8	0.210	364.6	24.5	0.087	52548	1774
1500	7.8	39.7	0.200	351.6	24.1	0.085	53358	1801
1600	7.8	40.1	0.200	352.0	24.3	0.086	52884	1785
1700	7.8	37.2	0.180	324.2	24.7	0.087	52506	1772
1800	7.8	34.8	0.170	307.1	24.4	0.086	53166	1795
1900	7.8	31.1	0.150	274.6	25.3	0.089	53184	1795
2000	7.8	28.1	0.140	245.3	26.5	0.094	52596	1775
2100	7.7	25.0	0.120	218.1	27.2	0.097	52560	1752
2200	7.7	24.4	0.120	213.2	28.3	0.101	52644	1754
2300	7.7	23.3	0.120	204.7	29.1	0.104	52926	1764
AVRGE	7.8	29.6	0.145	259.1	27.2	0.096	52652	1786

Daily SO2 3.1 Tons  
 Daily CO2 5644.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:22:37

Reporting Period  
 Day: 12/01/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	24.9	0.120	222.9	28.8	0.102	53916	1820
0100	7.7	27.6	0.140	244.3	27.4	0.098	53316	1777
0200	7.7	36.2	0.180	312.7	26.8	0.096	52044	1734
0300	7.7	36.2	0.180	316.0	26.9	0.096	52584	1752
0400	7.8	36.6	0.180	323.5	27.3	0.097	53250	1798
0500	7.8	32.0	0.160	282.4	27.4	0.097	53172	1795
0600	7.8	26.6	0.130	235.8	27.2	0.096	53412	1803
0700	7.8	25.1	0.120	219.7	27.6	0.098	52734	1780
0800	7.8	24.8	0.120	216.1	28.1	0.099	52500	1772
0900	7.7	25.6	0.130	224.1	28.4	0.102	52728	1757
1000	7.7	24.6	0.120	219.2	29.4	0.105	53682	1789
1100	7.7	24.0	0.120	210.7	30.3	0.109	52896	1763
1200	7.6	23.8	0.120	208.3	30.9	0.112	52734	1734
1300	7.6	24.5	0.120	217.3	31.4	0.114	53442	1758
1400	7.6	25.5	0.130	229.2	30.9	0.112	54138	1781
1500	7.6	25.9	0.130	228.3	31.1	0.113	53100	1747
1600	7.6	26.1	0.130	228.9	31.3	0.114	52824	1737
1700	7.6	25.7	0.130	224.7	31.1	0.113	52680	1733
1800	7.7	24.5	0.120	218.2	30.6	0.110	53652	1788
1900	7.7	23.9	0.120	211.4	29.9	0.107	53292	1776
2000	7.7	23.1	0.120	203.7	28.9	0.104	53118	1770
2100	7.7	22.1	0.110	193.9	28.2	0.101	52848	1761
2200	7.7	24.4	0.120	211.2	26.7	0.096	52134	1737
2300	7.7	26.3	0.130	230.9	26.5	0.095	52890	1763
AVRGE	7.7	26.7	0.133	234.7	28.9	0.104	53045	1768

Daily SO2 2.8 Tons  
 Daily CO2 5587.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:22:43

Reporting Period  
 Day: 12/02/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	26.3	0.130	228.4	27.4	0.098	52326	1744
0100	7.7	27.0	0.130	236.4	28.0	0.100	52746	1758
0200	7.7	27.2	0.140	240.4	27.8	0.100	53232	1774
0300	7.7	27.6	0.140	239.8	27.8	0.100	52338	1744
0400	7.7	27.7	0.140	247.1	27.5	0.099	53742	1791
0500	7.7	29.4	0.150	258.2	26.6	0.095	52908	1763
0600	7.7	28.2	0.140	242.8	26.9	0.096	51864	1728
0700	7.7	27.8	0.140	241.4	27.3	0.098	52320	1744
0800	7.7	27.8	0.140	244.2	27.5	0.099	52908	1763
0900	7.7	27.4	0.140	236.8	27.8	0.100	52062	1735
1000	7.6	26.7	0.130	232.6	28.5	0.103	52488	1726
1100	7.6	28.3	0.140	248.9	28.9	0.105	52986	1743
1200	7.6	31.5	0.160	280.0	28.5	0.103	53556	1762
1300	7.6	33.3	0.170	294.1	28.2	0.102	53208	1750
1400	7.5	34.2	0.170	298.3	28.2	0.104	52542	1705
1500	7.5	35.3	0.180	312.9	28.5	0.105	53394	1733
1600	7.5	37.4	0.190	334.7	28.6	0.105	53916	1750
1700	7.6	37.0	0.190	332.2	28.4	0.103	54090	1779
1800	7.6	36.8	0.190	327.9	27.8	0.101	53670	1765
1900	7.5	36.6	0.190	325.2	27.2	0.100	53520	1737
2000	7.6	34.1	0.170	301.5	26.2	0.095	53268	1752
2100	7.6	32.0	0.160	283.6	26.2	0.095	53394	1756
2200	7.6	32.0	0.160	280.8	26.0	0.094	52866	1739
2300	7.7	30.3	0.150	261.8	26.1	0.093	52050	1735
AVRGE	7.6	30.9	0.156	272.1	27.6	0.100	52975	1749

Daily SO2 3.3 Tons  
 Daily CO2 5528.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:22:50

Reporting Period  
 Day: 12/03/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	29.9	0.150	258.7	25.5	0.091	52128	1737
0100	7.7	30.7	0.150	267.3	25.5	0.091	52458	1748
0200	7.7	30.5	0.150	266.0	26.3	0.094	52530	1751
0300	7.7	31.2	0.160	270.7	26.0	0.093	52260	1742
0400	7.7	33.7	0.170	293.5	25.0	0.090	52458	1748
0500	7.7	34.0	0.170	295.8	24.8	0.089	52404	1746
0600	7.6	32.8	0.170	289.4	25.8	0.094	53148	1748
0700	7.7	31.1	0.150	272.1	26.2	0.094	52698	1756
0800	7.7	32.1	0.160	281.9	26.8	0.096	52908	1763
0900	7.6	29.5	0.150	258.4	27.2	0.099	52758	1735
1000	7.6	16.8	0.080	145.4	27.1	0.098	52122	1714
1100	7.6	16.7	0.080	147.3	27.6	0.100	53142	1748
1200	7.6	17.7	0.090	156.0	27.2	0.099	53100	1747
1300	7.6	19.2	0.100	168.2	26.6	0.097	52788	1736
1400	7.6	20.0	0.100	177.5	26.0	0.094	53454	1758
1500	7.6	19.1	0.100	167.6	26.5	0.096	52872	1739
1600	7.6	19.0	0.100	166.9	26.9	0.098	52908	1740
1700	7.6	18.7	0.090	165.7	27.1	0.098	53382	1756
1800	7.6	18.4	0.090	161.6	27.7	0.101	52902	1740
1900	7.6	18.7	0.090	162.8	27.9	0.101	52440	1725
2000	7.6	17.8	0.090	154.8	27.7	0.101	52380	1723
2100	7.6	16.9	0.090	150.7	27.5	0.100	53724	1767
2200	7.6	16.5	0.080	144.1	27.7	0.101	52608	1730
2300	7.6	15.7	0.080	138.6	27.8	0.101	53172	1749
AVRGE	7.6	23.6	0.118	206.7	26.7	0.097	52781	1744

Daily SO2 2.5 Tons  
 Daily CO2 5511.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:22:57

Reporting Period  
 Day: 12/04/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.6	16.3	0.080	145.2	27.7	0.101	53658	1765
0100	7.6	17.5	0.090	154.7	26.7	0.097	53244	1751
0200	7.6	15.4	0.080	133.6	25.6	0.093	52278	1719
0300	7.6	15.3	0.080	136.1	26.1	0.095	53592	1763
0400	7.6	15.6	0.080	136.4	26.6	0.097	52680	1733
0500	7.6	15.8	0.080	138.3	26.7	0.097	52716	1734
0600	7.6	15.0	0.080	130.9	27.3	0.099	52560	1729
0700	7.5	15.8	0.080	139.6	27.7	0.102	53208	1727
0800	7.6	17.4	0.090	153.2	26.8	0.097	53052	1745
0900	7.5	17.5	0.090	154.6	25.4	0.093	53232	1728
1000	7.6	18.2	0.090	159.3	27.9	0.101	52728	1734
1100	7.5	19.5	0.100	172.5	28.7	0.106	53292	1730
1200	7.5	20.4	0.100	181.5	29.1	0.107	53604	1740
1300	7.5	19.8	0.100	177.9	28.9	0.106	54138	1757
1400	7.5	22.5	0.110	197.7	29.0	0.107	52932	1718
1500	7.5	22.7	0.120	202.9	29.1	0.107	53856	1748
1600	7.5	23.0	0.120	202.8	28.5	0.105	53106	1724
1700	7.6	23.8	0.120	212.0	26.9	0.098	53664	1765
1800	7.6	22.7	0.110	203.6	26.3	0.095	54036	1777
1900	7.7	22.3	0.110	195.7	24.6	0.088	52854	1761
2000	7.7	22.1	0.110	194.1	24.1	0.086	52908	1763
2100	5.2	7.5	0.060	57.7	39.4	0.209	46350	1043
2200	5.0	6.4	0.030	48.6	39.3	0.133	45732	1610
2300	4.8	6.0	0.030	43.5	38.3	0.135	43722	1477
AVRGE	7.3	17.4	0.089	153.0	28.6	0.106	52214	1698

Daily SO2 1.8 Tons  
 Daily CO2 5209.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:03

Reporting Period  
 Day: 12/05/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	3.9	4.2	0.030	22.6	31.4	0.137	32406	890
0100	3.2	4.1	0.030	21.2	26.2	0.139M	31206M	703
0200	0.0	0.0	0.000	0.0	0.0	0.000M	0M	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	0.3	0.3	0.003	1.8	2.4	0.012	2651	66

Daily SO2 0.0 Tons  
 Daily CO2 128.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:09

Reporting Period  
 Day: 12/06/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	2.1	1.8	0.020	7.3	30.1	0.243	24426	361
2000	3.2	3.6	0.030	18.7	41.7	0.221	31320	705
2100	4.0	4.7	0.030	24.7	35.8	0.152	31704	893
2200	4.4	5.2	0.030	27.6	39.8	0.153	32022	992
2300	4.4	5.2	0.030	27.9	39.6	0.153	32292	1000
AVRGE	0.8	0.9	0.006	4.4	7.8	0.038	6324	165

Daily SO2 0.1 Tons  
 Daily CO2 319.9 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:15

Reporting Period  
 Day: 12/07/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	4.4	5.2	0.030	27.8	39.4	0.152	32226	998
0100	4.4	5.1	0.030	27.4	38.6	0.149M	32310M	1001
0200	4.4	5.1	0.030	26.6	42.8	0.165	31464	974
0300	5.9	77.2	0.500	474.3	24.5	0.115	37014	945
0400	6.5	66.3	0.390	436.2	16.7	0.071	39630	1115
0500	6.4	64.2	0.380	412.8	18.6	0.080	38730	1073
0600	6.4	62.0A	0.370	398.4	18.8	0.081	38712	1072
0700	6.4	61.9	0.370	398.0	18.2	0.078	38730	1073
0800	6.4	62.2	0.370	404.2	18.1	0.078	39144	1084
0900	5.9	56.4	0.370	414.6	20.5	0.096	44280	1130
1000	6.1	58.3	0.370	508.4	26.6	0.120	52530	1387
1100	6.3	58.8	0.360	521.9	26.1	0.114	53466	1458
1200	6.4	59.1	0.350	513.3	26.8	0.115	52326	1449
1300	4.7	15.4	0.130	116.1	35.2	0.207	45426	924
1400	4.3	5.0	0.030	36.0	35.2	0.139	43338	1312
1500	3.5	3.9	0.030	27.5	27.7	0.134	42474	1046
1600	3.2	3.5	0.030	24.6	24.7	0.131	42312	953
1700	3.7	20.7	0.220	147.9	27.4	0.204M	43050M	689
1800	4.9	49.7	0.390	406.1	24.0	0.135	49218	1044
1900	5.1	50.8	0.380	424.0	24.0	0.130	50280	1110
2000	5.8	57.1	0.380	487.4	20.9	0.099	51426	1291
2100	6.3	61.0	0.370	538.6	23.9	0.105	53190	1450
2200	6.3	59.9	0.360	530.0	23.5	0.103	53304	1453
2300	6.3	60.0	0.370	534.4	22.8	0.100	53658	1463
AVRGE	5.4	42.9	0.275	326.5	26.0	0.121	44093	1146

Daily SO2 3.9 Tons  
 Daily CO2 3302.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:22

Reporting Period  
 Day: 12/08/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	6.3	58.2	0.350	521.1	21.8	0.095	53934	1470
0100	6.3	57.8	0.350	516.9	21.8	0.095	53868	1469
0200	6.3	57.8	0.350	521.7	22.1	0.097	54372	1482
0300	6.3	57.9	0.350	518.8	22.4	0.098	53976	1472
0400	6.4	57.4	0.350	513.0	22.2	0.096	53466	1481
0500	6.3	56.4	0.340	494.1	22.2	0.097	52770	1439
0600	6.3	55.4	0.340	494.3	22.2	0.097	53754	1466
0700	6.3	55.0	0.340	483.5	22.4	0.098	52962	1444
0800	6.3	54.7	0.330	491.9	22.0	0.096	54168	1477
0900	6.3	54.5	0.330	485.4	22.0	0.096	53652	1463
1000	6.4	54.2	0.320	481.0	22.6	0.097	53460	1481
1100	6.4	54.6	0.330	482.3	23.2	0.100	53214	1474
1200	6.9	58.7	0.330	473.0	23.2	0.093	48540	1449
1300	7.3	62.5	0.330	461.7	22.8	0.086	44502	1406
1400	7.3	62.1	0.330	463.4	22.9	0.087	44952	1420
1500	7.3	62.0	0.330	454.4	23.2	0.088	44154	1395
1600	7.3	62.2	0.330	463.3	22.7	0.086	44874	1418
1700	7.3	61.4	0.320	453.4	22.0	0.083	44484	1405
1800	7.3	61.1	0.320	443.4	21.7	0.082	43716	1381
1900	7.3	60.9	0.320	437.9	21.3	0.080	43314	1368
2000	7.3	60.8	0.320	438.4	21.4	0.081	43434	1372
2100	7.3	60.5	0.320	435.5	20.7	0.078	43368	1370
2200	7.3	60.5	0.320	435.1	20.5	0.077	43326	1369
2300	7.3	60.8	0.320	441.5	20.4	0.077	43746	1382
AVRGE	6.8	58.7	0.332	475.2	22.1	0.090	49000	1432

Daily SO2 5.7 Tons  
 Daily CO2 4524.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:27

Reporting Period  
 Day: 12/09/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.4	61.0	0.320	440.7	20.2	0.075	43524	1394
0100	7.4	61.3	0.320	439.8	20.1	0.075	43218	1384
0200	7.4	61.5	0.320	446.2	20.2	0.075	43704	1400
0300	7.4	60.7	0.310	441.1	20.0	0.075	43776	1402
0400	7.3	61.2	0.320	441.1	19.8	0.075	43416	1372
0500	7.3	61.8	0.320	438.4	19.8	0.075	42732	1350
0600	7.4	61.1A	0.320	434.3	19.9A	0.074	42816	1371
0700	7.3	61.4	0.320	436.5	19.8	0.075	42828	1353
0800	7.4	67.8	0.350	489.1	20.0	0.075	43458	1392
0900	7.4	68.5	0.350	491.7	18.9	0.070	43242	1385
1000	7.4	67.9	0.350	469.2	18.7	0.070	41628	1333
1100	7.4	49.4	0.260	368.1	19.1	0.071	44886	1437
1200	7.6	33.7	0.170	276.4	20.1	0.073	49410	1625
1300	7.6	32.1	0.160	266.1	20.0	0.073	49944	1643
1400	7.6	32.2	0.160	259.4	19.8	0.072	48522	1596
1500	7.6	31.7	0.160	257.1	19.6	0.071	48852	1607
1600	7.6	26.9	0.140	212.7	20.3	0.074	47628	1566
1700	7.4	17.8	0.090	130.7	20.4	0.076	44244	1417
1800	7.5	16.5	0.080	118.8	21.4	0.079	43386	1408
1900	7.5	16.5	0.080	118.4	21.1	0.078	43236	1403
2000	7.5	16.9	0.090	121.6	20.3	0.075	43362	1407
2100	7.6	17.3	0.090	124.0	20.0	0.073	43176	1420
2200	7.6	17.3	0.090	123.4	19.7	0.071	42954	1413
2300	7.6	17.4	0.090	126.0	19.5	0.071	43608	1434
AVRGE	7.5	42.5	0.219	311.3	19.9	0.074	44481	1438

Daily SO2 3.7 Tons  
 Daily CO2 4545.5 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:34

Reporting Period  
 Day: 12/10/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.6	18.4	0.090	136.8	19.5	0.071	44802	1474
0100	7.6	18.4	0.090	136.7	19.4	0.070	44748	1472
0200	7.7	19.7	0.100	150.5	19.5	0.070	46008	1533
0300	7.7	18.8	0.090	143.2	19.7	0.071	45900	1530
0400	7.7	20.3	0.100	156.4	19.9	0.071	46422	1547
0500	7.7	21.2	0.110	168.1	19.9	0.071	47754	1591
0600	7.7	20.6	0.100	158.6	20.1	0.072	46386	1546
0700	7.7	21.4	0.110	168.1	20.2	0.072	47322	1577
0800	7.7	22.4	0.110	178.9	20.1	0.072	48108	1603
0900	7.7	22.6	0.110	178.3	20.3	0.073	47538	1584
1000	7.7	23.4	0.120	188.2	20.5	0.073	48456	1615
1100	7.7	25.1	0.120	203.2	21.1	0.076	48768	1625
1200	7.7	25.4	0.130	204.9	21.3	0.076	48594	1619
1300	7.7	25.2	0.130	206.2	21.6	0.077	49296	1643
1400	7.6	25.1	0.130	207.4	21.7	0.079	49770	1637
1500	7.6	25.7	0.130	209.9	21.6	0.078	49194	1618
1600	7.6	25.5	0.130	205.6	21.4	0.078	48576	1598
1700	7.7	26.1	0.130	209.1	21.3	0.076	48270	1609
1800	7.6	26.2	0.130	213.5	20.9	0.076	49080	1614
1900	7.7	27.4	0.140	222.4	20.8	0.075	48906	1630
2000	7.6	27.1	0.140	222.2	21.1	0.077	49392	1625
2100	7.6	26.5	0.130	214.2	20.8	0.075	48684	1601
2200	7.7	26.6	0.130	218.5	20.6	0.074	49476	1649
2300	7.7	25.9	0.130	212.2	20.9	0.075	49356	1645
AVRGE	7.7	23.5	0.118	188.0	20.6	0.074	47950	1591

Daily SO2 2.3 Tons  
 Daily CO2 5028.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:41

Reporting Period  
 Day: 12/11/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	26.2	0.130	211.3	21.0	0.075	48582	1619
0100	7.7	25.3	0.130	207.5	20.8	0.075	49404	1646
0200	7.7	24.3	0.120	196.6	20.9	0.075M	48732M	1624
0300	7.7	24.6	0.120	202.5	21.2	0.076	49590	1653
0400	7.7	24.3	0.120	201.4	21.4	0.077	49932	1664
0500	7.8	25.4	0.120	212.2	21.6	0.076	50316	1698
0600	7.8	26.0	0.130	216.9	21.3	0.075	50256	1696
0700	7.8	27.2	0.130	230.9	21.0	0.074	51138	1726
0800	7.8	27.6	0.140	232.6	21.0	0.074	50766	1714
0900	7.7	27.0	0.130	224.3	21.6	0.077	50052	1668
1000	7.7	27.0	0.130	226.1	22.0	0.079	50442	1681
1100	7.7	26.5	0.130	223.3	22.1	0.079	50772	1692
1200	7.7	26.2	0.130	220.8	22.1	0.079	50760	1692
1300	7.7	26.7	0.130	224.4	22.2	0.080	50640	1688
1400	7.7	27.2	0.140	226.9	22.0	0.079	50244	1674
1500	7.7	27.1	0.140	226.4	22.0	0.079	50316	1677
1600	7.7	26.6	0.130	224.6	22.2	0.080	50874	1695
1700	7.6	21.0	0.110	166.6	21.8	0.079	47796	1572
1800	7.5	16.8	0.090	128.2	21.8	0.080	45960	1492
1900	7.6	18.3	0.090	142.3	21.9	0.079	46830	1540
2000	7.7	20.7	0.100	164.2	22.1	0.079	47784	1592
2100	7.7	23.5	0.120	196.3	22.3	0.080	50310	1677
2200	7.7	24.3	0.120	200.9	22.0	0.079	49800	1660
2300	7.7	24.4	0.120	201.1	21.8	0.078	49644	1654
AVRGE	7.7	24.8	0.123	204.5	21.7	0.078	49623	1654

Daily SO2 2.5 Tons  
 Daily CO2 5228.1 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:46

Reporting Period  
 Day: 12/12/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	24.3	0.120	200.5	21.8	0.078	49704	1656
0100	7.7	24.5	0.120	203.0	21.5	0.077	49902	1663
0200	7.8	24.8	0.120	204.3	21.3	0.075	49626	1675
0300	7.7	24.4	0.120	200.4	21.1	0.076	49470	1649
0400	7.7	24.1	0.120	202.0	21.2	0.076	50490	1683
0500	7.7	23.7	0.120	194.1	21.3	0.076	49344	1644
0600	7.7	23.5	0.120	193.9	21.8	0.078	49716	1657
0700	7.7	23.5	0.120	196.0	21.8	0.078	50250	1675
0800	7.7	23.9	0.120	201.5	22.3	0.080	50790	1693
0900	7.6	23.4	0.120	195.3	22.7	0.082	50274	1654
1000	7.7	24.1	0.120	199.9	23.1	0.083	49968	1665
1100	7.7	24.8	0.120	211.4	23.6	0.085	51348	1711
1200	7.7	24.0	0.120	201.1	23.9	0.086	50484	1682
1300	7.7	26.1	0.130	221.6	24.1	0.086	51156	1705
1400	7.6	26.4	0.130	226.4	24.1	0.087	51654	1699
1500	7.7	27.7	0.140	232.9	24.7	0.088	50646	1688
1600	7.7	29.2	0.150	249.3	24.4	0.087	51426	1714
1700	7.7	28.2	0.140	239.8	23.9	0.086	51222	1707
1800	7.7	28.1	0.140	237.2	23.8	0.085	50844	1694
1900	7.7	27.4	0.140	232.8	23.9	0.086	51192	1706
2000	7.8	27.5	0.140	232.2	23.9	0.085	50856	1717
2100	7.8	27.4	0.130	228.5	23.9	0.085	50232	1696
2200	7.8	27.1	0.130	229.0	24.2	0.086	50898	1718
2300	7.8	26.3	0.130	221.7	24.4	0.086	50784	1714
AVRGE	7.7	25.6	0.128	214.8	23.0	0.082	50512	1686

Daily SO2 2.6 Tons  
 Daily CO2 5329.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:52

Reporting Period  
 Day: 12/13/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	26.0	0.130	219.2	24.6	0.087	50796	1715
0100	7.8	25.1	0.120	209.0	25.3	0.089	50154	1693
0200	7.8	24.4	0.120	203.9	25.9	0.092	50352	1700
0300	7.8	23.9	0.120	201.3	26.2	0.093	50748	1713
0400	7.8	23.3	0.110	199.0	26.6	0.094	51444	1737
0500	7.8	22.8	0.110	194.6	27.1	0.096	51426	1736
0600	7.8	22.1	0.110	184.3	27.6	0.098	50226	1695
0700	7.8	22.0	0.110	182.5	27.9	0.099	49980	1687
0800	7.6	18.7	0.090	151.1	27.3	0.099	48690	1601
0900	7.6	16.0	0.080	122.6	27.3	0.099	46176	1519
1000	7.6	18.9	0.100	151.0	27.3	0.099	48138	1583
1100	7.6	23.2	0.120	193.5	27.6	0.100	50232	1652
1200	7.6	24.3	0.120	208.7	27.7	0.101	51732	1702
1300	7.6	25.1	0.130	218.0	27.5	0.100	52326	1721
1400	7.5	27.1	0.140	236.7	26.3	0.097	52626	1708
1500	7.6	28.2	0.140	244.3	25.9	0.094	52194	1717
1600	7.5	29.6	0.150	260.1	25.1	0.092	52932	1718
1700	7.6	30.7	0.150	264.5	24.5	0.089	51900	1707
1800	7.7	30.2	0.150	261.1	24.0	0.086	52086	1736
1900	7.6	30.2	0.150	260.8	23.8	0.086	52014	1711
2000	7.6	32.1	0.160	260.1	23.0	0.083M	48804M	1605
2100	7.6	33.8	0.170	290.4	22.1	0.080M	51756M	1702
2200	7.6	31.9	0.160	271.2	22.0	0.080M	51210M	1684
2300	7.7	30.5	0.150	253.7	22.9	0.082M	50112M	1670
AVRGE	7.7	25.8	0.129	218.4	25.6	0.092	50752	1684

Daily SO2 2.6 Tons  
 Daily CO2 5322.3 Tons

Legend

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:23:58

Reporting Period  
 Day: 12/14/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	29.0	0.140	247.8	23.4	0.084M	51480M	1716
0100	7.6	27.9	0.140	237.7	23.0	0.083	51324	1688
0200	7.5	16.4	0.080	122.6	23.0	0.085	45042	1462
0300	7.1	14.4	0.080	102.5	27.7	0.108	42894	1318
0400	4.7	5.4	0.040	33.0	36.9	0.217	36804	748
0500	4.7	5.4	0.030	32.8	36.9	0.133	36540	1209
0600	4.8	5.8A	0.030	38.9	37.1	0.131	40398	1365
0700	4.9	5.9	0.030	45.0	37.1	0.128	45948	1585
0800	4.7	5.5	0.030	36.7	36.7	0.132	40194	1330
0900	4.6	5.3	0.030	31.4	36.9	0.136	35646	1154
1000	4.5	5.1	0.030	27.6	37.4	0.141	32646	1034
1100	4.6	5.3	0.030	32.6	37.6	0.139	37002	1198
1200	4.6	5.3	0.030	33.2	37.5	0.138	37698	1221
1300	4.6	5.3	0.030	34.2	37.2	0.137	38856	1258
1400	4.6	5.3	0.030	34.3	37.1	0.137	39012	1263
1500	4.6	5.4	0.030	35.1	37.1	0.137	39174	1269
1600	4.6	5.4	0.030	35.1	37.0	0.136	39198	1269
1700	4.6	5.4	0.030	35.1	36.8	0.136	39138	1267
1800	4.6	5.4	0.030	35.0	36.7	0.135	39018	1263
1900	4.6	5.3	0.030	31.6	36.9	0.136	35886	1162
2000	2.9	3.9	0.030	17.5	26.7	0.156M	27042M	552
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	4.5	7.4	0.040	53.3	29.9	0.115	34623	1098

Daily SO2 0.6 Tons  
 Daily CO2 2483.8 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:04

Reporting Period  
 Day: 12/15/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	1.2	1.2	0.020	3.3	16.3	0.230M	16344M	138
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	3.3	4.3	0.030	17.9	50.7	0.260	25074	582
0600	4.5	5.6A	0.030	29.8	40.5	0.153	32046	1015
0700	4.6	5.6	0.030	30.8	40.2	0.148	33144	1073
0800	4.6	5.4	0.030	30.2	39.5	0.146	33684	1091
0900	5.2	32.4	0.240	208.9	39.5	0.210	38832	874
1000	5.6	59.3	0.410	486.7	22.3	0.110	49446	1198
1100	7.1	30.7	0.170	236.9	22.7	0.088	46482	1428
1200	7.6	30.1	0.150	231.9	24.0	0.087	46404	1526
1300	7.6	31.4	0.160	250.1	25.3	0.092	47976	1578
1400	7.6	31.6	0.160	255.8	26.1	0.095	48774	1604
1500	7.5	29.7	0.150	242.4	26.6	0.098	49170	1596
1600	7.6	29.0	0.150	240.8	27.4	0.099	50028	1645
1700	7.6	28.6	0.140	238.6	27.3	0.099	50262	1653
1800	7.6	30.1	0.150	253.6	26.3	0.095	50748	1669
1900	7.6	32.8	0.170	278.3	25.3	0.092	51120	1681
2000	7.7	34.8	0.170	293.0	24.4	0.087	50718	1690
2100	7.7	36.8	0.180	315.8	24.2	0.087	51690	1723
2200	7.7	39.3	0.200	336.2	24.1	0.086	51528	1717
2300	7.7	44.4	0.220	379.3	23.6	0.085	51468	1715
AVRGE	5.3	22.6	0.123	181.7	24.0	0.102	36456	1134

Daily SO2 2.2 Tons  
 Daily CO2 3384.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:10

Reporting Period  
 Day: 12/16/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	43.4	0.220	376.5	22.0	0.079	52266	1742
0100	7.7	36.8	0.180	309.1	22.7	0.081	50598	1686
0200	7.7	36.8	0.180	313.2	23.3	0.083	51276	1709
0300	7.7	37.1	0.180	314.3	23.6	0.085	51042	1701
0400	7.7	39.7	0.200	332.6	23.2	0.083	50466	1682
0500	7.7	44.1	0.220	375.6	22.1	0.079	51306	1710
0600	7.7	45.7	0.230	385.6	20.8	0.075	50832	1694
0700	7.7	38.2	0.190	321.7	21.0	0.075	50724	1690
0800	7.7	35.9	0.180	294.9	22.0	0.079	49488	1649
0900	7.7	38.8	0.190	329.9	21.1	0.076	51228	1707
1000	7.7	40.0	0.200	336.7	20.4	0.073	50706	1690
1100	7.7	41.3	0.210	343.6	20.5	0.073	50118	1670
1200	7.7	35.2	0.180	291.4	20.7	0.074	49872	1662
1300	7.7	30.1	0.150	245.2	21.4	0.077	49080	1636
1400	7.7	30.0	0.150	244.6	21.6	0.077	49110	1637
1500	7.7	29.6	0.150	246.2	21.6	0.077	50106	1670
1600	7.7	32.8	0.160	271.0	21.2	0.076	49770	1659
1700	7.6	32.6	0.160	264.5	20.6	0.075M	48882M	1608
1800	7.7	32.7	0.160	272.1	20.8	0.075M	50136M	1671
1900	7.6	32.0	0.160	258.7	20.7	0.075M	48708M	1602
2000	7.7	33.5	0.170	276.6	21.9	0.078	49734	1657
2100	7.7	35.9	0.180	305.8	21.4	0.077M	51312M	1710
2200	7.6	36.8	0.190	302.8	21.1	0.077	49566	1630
2300	7.6	36.9	0.190	305.6	20.9	0.076	49896	1641
AVRGE	7.7	36.5	0.183	304.9	21.5	0.077	50259	1672

Daily SO2 3.7 Tons  
 Daily CO2 5282.7 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:16

Reporting Period  
 Day: 12/17/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	37.1	0.180	310.7	21.1	0.076	50442	1681
0100	7.7	36.9	0.180	311.3	21.2	0.076	50820	1694
0200	7.6	36.6	0.180	307.6	21.1	0.077	50634	1665
0300	7.6	37.6	0.190	315.6	20.9	0.076	50556	1663
0400	7.7	37.7	0.190	314.9	21.1	0.076	50310	1677
0500	7.7	36.9	0.180	308.3	21.3	0.076	50328	1677
0600	7.7	36.6A	0.180	308.1	21.5A	0.077	50706	1690
0700	7.7	36.2A	0.180	301.7	21.4A	0.077	50214	1673
0800	7.6	37.3	0.190	314.3	20.5	0.074	50760	1670
0900	7.6	38.4	0.190	319.7	19.9	0.072	50154	1650
1000	7.6	41.5	0.210	345.2	21.3	0.077	50112	1648
1100	7.5	43.0	0.220	342.8	20.8	0.076M	48030M	1559
1200	7.5	41.8	0.210	319.8	21.1	0.078M	46086M	1496
1300	7.5	40.6	0.210	341.2	21.5	0.079	50622	1643
1400	7.4	37.5	0.190	313.9	22.2	0.083	50424	1615
1500	7.4	33.8	0.180	280.7	23.2	0.086M	50028M	1602
1600	7.5	34.5	0.180	160.1	24.2	0.089M	27948M	907
1700	7.5	37.6	0.190	0.7	23.5	0.086M	114M	3
1800	7.5	38.3	0.200	0.8	22.3	0.082M	120M	3
1900	7.6	36.6	0.180	270.3	22.4	0.081M	44490M	1463
2000	7.6	35.1	0.180	219.3	22.8	0.083M	37644M	1238
2100	7.6	33.7	0.170	283.7	23.1	0.084I	50721I	1668
2200	7.6	32.7	0.160	275.3	23.1	0.084I	50721I	1668
2300	7.6	33.2	0.170	0.8	23.0	0.083M	138M	4
AVRGE	7.6	37.1	0.187	261.1	21.9	0.080	42172	1386

Daily SO2 3.1 Tons  
 Daily CO2 4380.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:22

Reporting Period  
 Day: 12/18/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.6	34.6	0.170	81.6	22.8	0.083M	14214M	467
0100	7.6	35.7	0.180	300.3	22.4	0.081M	50676M	1667
0200	7.6	38.4	0.190	338.1	21.7	0.079M	53040M	1745
0300	7.6	40.5	0.200	158.7	20.9	0.076M	23610M	776
0400	7.6	41.8	0.210	139.1	20.5	0.074M	20040M	659
0500	7.7	37.5	0.190	309.5	21.7	0.078	49716	1657
0600	7.6	36.5	0.180	303.9	22.4	0.081	50160	1650
0700	7.7	37.3	0.190	307.9	22.4	0.080M	49722M	1657
0800	7.7	37.0	0.180	309.2	22.3	0.080M	50334M	1677
0900	7.7	37.0	0.180	303.6	22.6	0.081	49434	1647
1000	7.6	36.6	0.180	297.1	22.8	0.083	48894	1608
1100	7.7	37.3	0.190	305.9	23.2	0.083	49404	1646
1200	7.6	37.2	0.190	306.8	23.2	0.084	49686	1634
1300	7.6	37.9	0.190	316.7	23.1	0.084	50340	1656
1400	7.5	37.3	0.190	311.3	23.5	0.086	50280	1632
1500	7.6	37.2	0.190	311.4	24.2	0.088	50424	1658
1600	7.6	37.0	0.190	309.1	24.5	0.089	50322	1655
1700	7.6	36.9	0.190	308.7	24.6	0.089M	50400M	1658
1800	7.6	37.3	0.190	70.9	24.2	0.088M	11448M	376
1900	7.6	37.3	0.190	0.7	23.1	0.084M	114M	3
2000	7.6	35.9	0.180	0.7	23.0	0.083M	114M	3
2100	7.6	35.2	0.180	0.7	23.2	0.084M	114M	3
2200	7.6	35.4	0.180	0.7	23.2	0.084M	114M	3
2300	7.6	35.8	0.180	125.8	22.8	0.083M	21162M	696
AVRGE	7.6	37.1	0.187	217.4	22.8	0.083	35157	1160

Daily SO2 2.6 Tons  
 Daily CO2 3666.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:27

Reporting Period  
 Day: 12/19/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.6	36.4	0.180	0.7	22.5	0.082M	114M	3
0100	7.6	36.2	0.180	0.7	22.5	0.082M	114M	3
0200	7.6	33.8	0.170	283.4	23.9	0.087M	50514M	1661
0300	7.6	35.7	0.180	302.5	24.0	0.087	51048	1679
0400	7.7	37.6	0.190	319.0	23.2	0.083	51102	1703
0500	7.7	44.5	0.220	387.7	21.7	0.078	52488	1749
0600	7.6	38.1	0.190	326.3	21.7	0.079	51594	1697
0700	7.6	34.7	0.180	296.6	22.9	0.083	51498	1694
0800	7.6	34.0	0.170	292.5	23.4	0.085	51822	1704
0900	7.7	35.7	0.180	305.4	23.7	0.085	51534	1717
1000	7.7	36.6	0.180	314.6	23.7	0.085	51774	1725
1100	7.7	37.6	0.190	322.9	23.3	0.083	51738	1724
1200	7.7	39.3	0.200	338.9	22.3	0.080	51948	1731
1300	7.6	38.4	0.190	328.5	21.7	0.079	51528	1695
1400	7.6	36.0	0.180	299.8	22.0	0.080	50172	1650
1500	7.6	33.7	0.170	282.2	23.3	0.085	50442	1659
1600	7.6	33.8	0.170	280.2	23.9	0.087	49938	1642
1700	7.6	35.3	0.180	296.0	23.5	0.085	50520	1662
1800	7.7	35.7	0.180	295.8	23.5	0.084	49908	1663
1900	7.7	35.5	0.180	297.9	24.3	0.087	50550	1685
2000	7.7	35.8	0.180	301.1	24.4	0.087	50664	1688
2100	7.6	32.6	0.160	269.6	23.9	0.087	49812	1638
2200	7.5	29.3	0.150	238.0	25.3	0.093	48942	1589
2300	7.5	25.9	0.130	206.9	27.3	0.100	48126	1562
AVRGE	7.6	35.5	0.178	274.5	23.4	0.085	46579	1539

Daily SO2 3.3 Tons  
 Daily CO2 4863.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:33

Reporting Period  
 Day: 12/20/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.5	25.5	0.130	200.9	26.9	0.099	47454	1540
0100	7.6	30.4	0.150	243.7	24.6	0.089	48288	1588
0200	7.6	38.5	0.190	321.3	21.6	0.078	50280	1654
0300	7.7	42.9	0.210	363.7	20.4	0.073	51072	1702
0400	7.6	43.3	0.220	367.3	19.9	0.072	51102	1681
0500	7.7	42.4	0.210	362.0	19.8	0.071	51432	1714
0600	7.6	37.1	0.190	319.0	19.6	0.071	51804	1704
0700	7.5	36.2	0.180	308.8	19.4	0.071	51390	1668
0800	7.6	34.2	0.170	289.3	19.7	0.071	50958	1676
0900	7.6	30.6	0.150	256.9	20.8	0.075	50574	1663
1000	7.6	30.6	0.150	258.5	20.9	0.076	50892	1674
1100	7.6	30.7	0.150	258.4	21.0	0.076	50712	1668
1200	7.7	30.4	0.150	257.6	21.1	0.076	51042	1701
1300	7.7	31.3	0.160	263.4	21.0	0.075	50688	1689
1400	7.7	31.4	0.160	263.5	20.8	0.075	50544	1684
1500	7.7	30.8	0.150	257.5	21.0	0.075	50358	1678
1600	7.7	29.6	0.150	244.7	21.8	0.078	49794	1659
1700	7.7	29.3	0.150	245.0	21.8	0.078	50382	1679
1800	7.6	28.3	0.140	237.0	21.8	0.079	50454	1659
1900	7.6	27.7	0.140	232.5	21.9	0.079	50574	1663
2000	7.6	27.9	0.140	234.2	21.7	0.079	50562	1663
2100	7.6	28.2	0.140	237.4	21.1	0.077	50706	1668
2200	7.6	28.3	0.140	240.7	21.0	0.076	51234	1685
2300	7.6	27.9	0.140	236.8	20.9	0.076	51120	1681
AVRGE	7.6	32.2	0.161	270.8	21.3	0.077	50559	1669

Daily SO2 3.3 Tons  
 Daily CO2 5274.1 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:40

Reporting Period  
 Day: 12/21/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.6	27.8	0.140	237.3	21.1	0.077	51432	1692
0100	7.6	27.8	0.140	236.7	21.2	0.077	51294	1687
0200	7.5	27.1	0.140	232.0	21.5	0.079	51582	1674
0300	7.5	26.4	0.130	225.9	22.2	0.082	51558	1673
0400	7.5	26.1	0.130	224.0	22.6	0.083	51696	1678
0500	7.5	26.2	0.130	224.6	22.7	0.083	51642	1676
0600	7.5	26.3	0.130	225.4	23.0	0.085	51630	1676
0700	7.5	26.5	0.140	225.1	23.1	0.085	51168	1661
0800	7.4	26.5	0.140	226.0	22.9	0.085	51372	1645
0900	7.6	26.8	0.140	227.2	23.3	0.085	51066	1680
1000	7.5	26.5	0.140	223.6	23.4	0.086	50826	1650
1100	7.7	26.9	0.130	224.9	24.2	0.087	50364	1678
1200	7.6	26.7	0.130	222.0	24.3	0.088	50082	1647
1300	7.6	26.9	0.140	221.0	24.8	0.090	49488	1628
1400	7.6	27.9	0.140	230.7	25.5	0.093	49812	1638
1500	7.6	29.4	0.150	240.6	25.5	0.093	49302	1622
1600	7.7	28.3	0.140	234.1	25.4	0.091	49836	1661
1700	7.7	27.9	0.140	233.6	24.5	0.088	50430	1681
1800	7.7	28.2	0.140	234.7	23.8	0.085	50136	1671
1900	7.7	28.3	0.140	234.7	23.0	0.082	49950	1665
2000	7.7	28.9	0.140	239.8	22.5	0.081	49992	1666
2100	7.7	28.7	0.140	243.2	22.9	0.082	51048	1701
2200	7.7	29.4	0.150	249.3	22.7	0.081	51084	1702
2300	7.7	30.2	0.150	253.9	21.8	0.078	50652	1688
AVRGE	7.6	27.6	0.139	232.1	23.2	0.084	50727	1669

Daily SO2 2.8 Tons  
 Daily CO2 5273.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:46

Reporting Period  
 Day: 12/22/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.7	31.6	0.160	267.5	20.8	0.075	50994	1699
0100	7.7	32.8	0.160	279.0	20.1	0.072	51240	1708
0200	7.7	33.1	0.160	283.9	20.1	0.072	51660	1722
0300	7.8	32.6	0.160	279.9	20.3	0.072	51720	1746
0400	7.8	32.0	0.160	274.3	20.5	0.072	51630	1743
0500	7.8	31.2	0.150	269.3	20.6	0.073	52002	1755
0600	7.8	31.2	0.150	269.0	20.8	0.074	51948	1754
0700	7.8	31.1	0.150	266.5	20.7	0.073	51612	1742
0800	7.9	31.6	0.150	267.5	21.0	0.073	51000	1744
0900	7.9	32.6	0.160	278.2	21.0	0.073	51402	1757
1000	7.9	34.0	0.170	289.0	20.7	0.072	51204	1751
1100	8.0	33.6	0.160	282.1	21.3	0.073	50586	1751
1200	8.0	32.7	0.160	272.2	21.8	0.075	50148	1736
1300	8.0	31.4	0.150	260.5	22.5	0.078	49968	1730
1400	8.0	30.3	0.150	251.0	23.4	0.081	49902	1728
1500	8.0	30.0	0.140	247.4	24.0	0.083	49674	1720
1600	8.0	30.3	0.150	249.6	23.9	0.082	49620	1718
1700	8.0	30.0	0.140	248.2	24.0	0.083	49830	1725
1800	8.0	29.5	0.140	244.7	24.4	0.084	49962	1730
1900	7.9	28.8	0.140	239.1	24.6	0.086	50004	1710
2000	7.9	28.1	0.140	232.2	24.6	0.086	49788	1702
2100	7.9	28.1	0.140	233.4	24.0	0.084	50040	1711
2200	7.9	28.1	0.140	235.3	23.4	0.082	50448	1725
2300	7.8	28.1	0.140	234.1	23.2	0.082	50190	1694
AVRGE	7.9	31.0	0.151	260.6	22.2	0.078	50691	1730

Daily SO2 3.1 Tons  
 Daily CO2 5466.0 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:52

Reporting Period  
 Day: 12/23/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	27.9	0.140	231.4	23.0	0.081	49956	1686
0100	7.9	27.8	0.140	231.1	23.0	0.080	50070	1712
0200	7.9	27.5	0.130	231.1	22.6	0.079	50622	1731
0300	7.9	27.6	0.130	231.4	22.7	0.079	50514	1727
0400	7.9	27.8	0.140	232.8	22.6	0.079	50436	1724
0500	7.9	28.2	0.140	236.4	22.5	0.079	50502	1727
0600	7.9	28.6	0.140	237.1	22.4	0.078	49938	1707
0700	7.9	28.6	0.140	237.7	22.2	0.078	50064	1712
0800	7.9	28.3	0.140	234.6	22.2	0.078	49944	1708
0900	8.0	29.0	0.140	243.3	22.3	0.077	50550	1750
1000	8.0	29.9	0.140	247.6	22.2	0.077	49884	1727
1100	8.0	30.4	0.150	251.6	22.5	0.078	49860	1726
1200	8.0	30.4	0.150	251.4	22.6	0.078	49812	1725
1300	8.0	30.5	0.150	249.0	22.4	0.077	49176	1703
1400	8.0	29.9	0.140	247.8	22.3	0.077	49920	1728
1500	8.0	29.1	0.140	240.0	22.6	0.078	49686	1720
1600	8.0	28.1	0.130	233.1	23.3	0.080	49968	1730
1700	8.0	27.5	0.130	228.7	23.8	0.082	50100	1735
1800	8.0	27.6	0.130	227.5	23.6	0.081	49656	1719
1900	8.0	28.3	0.140	233.8	22.8	0.079	49764	1723
2000	8.0	29.1	0.140	240.6	22.0	0.076	49800	1724
2100	8.0	29.3	0.140	241.9	21.8	0.075	49728	1722
2200	8.0	29.5	0.140	241.6	21.9	0.076	49332	1708
2300	8.0	29.8	0.140	244.4	22.1	0.076	49398	1710
AVRGE	8.0	28.8	0.139	238.6	22.6	0.078	49945	1721

Daily SO2 2.9 Tons  
 Daily CO2 5437.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:24:57

Reporting Period  
 Day: 12/24/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	30.1	0.140	245.2	22.1	0.076	49074	1699
0100	8.0	30.3	0.150	252.7	22.3	0.077	50244	1740
0200	8.0	30.9	0.150	255.7	22.4	0.077	49848	1726
0300	8.0	34.0	0.160	280.4	22.4	0.077	49680	1720
0400	8.0	37.5	0.180	310.6	22.2	0.077	49902	1728
0500	8.0	37.6	0.180	308.3	22.3	0.077	49398	1710
0600	8.0	37.6	0.180	308.2	22.6	0.078	49386	1710
0700	8.0	37.3	0.180	307.6	22.4	0.077	49686	1720
0800	8.0	37.4	0.180	308.1	22.4	0.077	49632	1718
0900	8.0	37.8	0.180	312.6	22.5	0.078	49824	1725
1000	7.9	37.5	0.180	309.9	22.5	0.079	49788	1702
1100	7.9	36.5	0.180	303.5	22.8	0.080	50094	1713
1200	8.0	34.2	0.160	283.2	23.6	0.081	49878	1727
1300	7.9	33.2	0.160	276.7	23.7	0.083	50208	1717
1400	8.0	33.1	0.160	276.8	24.1	0.083	50376	1744
1500	7.9	32.4	0.160	269.5	24.5	0.086	50112	1713
1600	7.9	33.8	0.160	280.2	25.1	0.088	49938	1707
1700	7.9	31.7	0.150	258.9	25.2	0.088	49200	1682
1800	7.9	29.3	0.140	242.8	24.4	0.085	49920	1707
1900	7.9	29.4	0.140	243.7	24.2	0.084	49938	1707
2000	7.9	29.7	0.140	245.5	23.6	0.082	49800	1703
2100	7.8	30.1	0.150	253.1	22.8	0.081	50664	1710
2200	7.8	30.8	0.150	259.0	22.5	0.080	50658	1710
2300	7.9	31.4	0.150	265.9	22.1	0.077	51012	1744
AVRGE	7.9	33.5	0.161	277.4	23.1	0.080	49928	1716

Daily SO2 3.3 Tons  
 Daily CO2 5424.1 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:25:03

Reporting Period  
 Day: 12/25/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	32.1	0.160	270.7	21.7	0.076	50802	1737
0100	7.9	32.5	0.160	270.7	21.4	0.075	50184	1716
0200	7.9	31.9	0.160	268.9	21.6	0.075	50784	1736
0300	7.9	31.3	0.150	263.9	21.7	0.076	50784	1736
0400	7.9	33.2	0.160	282.8	21.6	0.075	51306	1754
0500	7.9	34.5	0.170	293.4	21.1	0.074	51234	1752
0600	7.9	35.7	0.170	303.7	20.9A	0.073	51246	1752
0700	7.9	36.6	0.180	311.4	20.3	0.071	51258	1752
0800	7.9	37.9	0.180	321.7	19.8	0.069	51126	1748
0900	7.9	38.5	0.190	329.0	19.6	0.068	51486	1760
1000	7.9	39.8	0.190	337.9	19.3	0.067	51138	1748
1100	6.5	34.9	0.210	280.8	19.3	0.082	48474	1363
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	1.7	3.7	0.080	3.9	16.1	0.261	6372	46
1400	2.8	6.4	0.050	29.9	48.4	0.293	28176	555
1500	2.3	3.1	0.030	11.5	45.6	0.336	22296	361
1600	2.8	3.4	0.030	17.5	69.3	0.420	31086	612
1700	2.9	3.2	0.030	16.4	71.4	0.417	30912	631
1800	4.5	5.5	0.030	30.4	43.6	0.164	33300	1055
1900	4.9	6.3	0.030	41.4	44.0	0.152	39582	1365
2000	4.9	6.2	0.030	41.3	43.8	0.152	40092	1383
2100	5.0	6.3	0.030	42.2	43.7	0.148	40350	1420
2200	4.9	6.2	0.030	41.9	42.6	0.147	40728	1405
2300	5.0	6.2	0.030	41.4	42.6	0.144	40182	1414
AVRGE	5.6	19.8	0.103	160.5	31.6	0.146	40121	1284

Daily SO2 1.9 Tons  
 Daily CO2 3539.8 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:25:09

Reporting Period  
 Day: 12/26/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	4.9	6.2	0.030	41.5	42.3	0.146	40320	1391
0100	7.0	60.1	0.330	431.7	29.6	0.117	43272	1311
0200	7.7	80.3	0.400	664.2	19.6	0.070	49830	1661
0300	7.6	78.8	0.400	648.0	19.1	0.069	49536	1629
0400	7.6	46.3	0.230	377.1	18.7	0.068	49062	1614
0500	7.7	45.3	0.230	379.0	18.9	0.068	50394	1679
0600	7.7	38.6	0.190	320.6	19.9A	0.071	50040	1668
0700	7.8	46.5	0.230	399.8	20.4	0.072	51798	1749
0800	7.8	50.9	0.250	440.0	19.7	0.070	52074	1758
0900	7.7	37.8	0.190	331.0	19.8	0.071	52752	1758
1000	7.8	37.5	0.180	321.0	19.5	0.069	51570	1741
1100	7.8	41.6	0.200	360.7	18.5	0.065	52236	1763
1200	7.8	41.0	0.200	355.0	18.3	0.065	52164	1761
1300	7.8	42.1	0.210	361.3	18.3	0.065	51702	1745
1400	7.7	69.8	0.350	602.9	17.2	0.062	52032	1734
1500	7.8	68.5	0.340	583.7	17.7	0.063	51336	1733
1600	7.9	41.4	0.200	355.7	18.4	0.064	51756	1770
1700	7.9	40.2	0.190	346.2	19.0	0.066	51876	1774
1800	7.9	42.3	0.210	365.8	18.9	0.066	52092	1781
1900	7.9	41.9	0.200	366.9	18.5	0.065	52752	1804
2000	7.8	43.3	0.210	374.3	17.6	0.062	52080	1758
2100	7.8	44.6	0.220	378.6	17.5	0.062	51132	1726
2200	7.8	46.4	0.230	392.4	18.3	0.065	50946	1720
2300	7.8	48.7	0.240	412.8	18.5	0.065	51060	1724
AVRGE	7.6	47.5	0.236	400.4	20.2	0.072	50576	1698

Daily SO2 4.8 Tons  
 Daily CO2 5296.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:25:15

Reporting Period  
 Day: 12/27/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.8	46.7	0.230	405.6	18.1	0.064	52326	1766
0100	7.8	45.1	0.220	390.6	17.7	0.063	52176	1761
0200	7.8	43.9	0.220	377.0	17.3	0.061	51732	1746
0300	7.8	42.1	0.210	368.6	17.0	0.060	52746	1781
0400	7.8	40.7	0.200	350.4	17.0	0.060	51864	1751
0500	7.7	40.6	0.200	345.4	17.3	0.062	51246	1708
0600	7.7	41.3A	0.210	353.2	17.2A	0.062	51522	1717
0700	7.7	40.8	0.200	354.4	17.3	0.062	52332	1744
0800	7.8	40.8	0.200	354.9	17.4	0.062	52404	1769
0900	7.7	39.0	0.190	335.9	17.4	0.062	51882	1729
1000	7.8	37.8	0.190	323.0	18.1	0.064	51468	1737
1100	7.8	39.1	0.190	333.9	19.1	0.068	51450	1737
1200	7.9	40.1	0.190	339.2	19.7	0.069	50958	1742
1300	7.9	44.5	0.220	382.3	18.5	0.065	51756	1770
1400	7.9	46.0	0.220	399.2	17.8	0.062	52284	1788
1500	7.9	45.3	0.220	385.4	17.8	0.062	51252	1752
1600	8.0	45.0	0.220	381.9	18.5	0.064	51126	1770
1700	8.0	46.0	0.220	393.8	18.2	0.063	51570	1785
1800	8.0	45.3	0.220	388.2	17.6	0.061	51624	1787
1900	8.0	42.9	0.210	364.7	17.5	0.060	51210	1773
2000	7.9	42.8	0.210	367.4	17.0	0.059	51708	1768
2100	7.9	42.3	0.210	361.9	17.0	0.059	51534	1762
2200	8.0	40.5	0.190	344.5	16.9	0.058	51246	1774
2300	8.0	40.2	0.190	341.6	17.3	0.060	51192	1772
AVRGE	7.9	42.5	0.208	364.3	17.7	0.062	51692	1758

Daily SO2 4.4 Tons  
 Daily CO2 5556.6 Tons

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

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Polk Station  
 HRSG  
 Tampa

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Today's Date: 01/21/2002  
 Time: 11:25:29

Reporting Period  
 Day: 12/28/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	40.3	0.190	342.3	17.6	0.061	51162	1771
0100	8.0	40.7	0.190	345.2	17.7	0.061	51096	1769
0200	8.0	40.5	0.190	340.5	18.0	0.062	50640	1753
0300	8.0	39.8	0.190	336.9	18.6	0.064	50994	1766
0400	7.9	38.6	0.190	322.5	19.0	0.066	50334	1721
0500	8.0	38.3	0.180	324.4	19.3	0.067	51030	1767
0600	7.9	37.2	0.180	313.2	19.4A	0.068	50718	1734
0700	7.9	36.3	0.180	310.1	19.0	0.066	51468	1760
0800	8.0	36.3	0.170	307.1	18.8	0.065	50970	1765
0900	8.0	35.9	0.170	303.7	19.3	0.067	50958	1764
1000	8.0	35.7	0.170	301.0	20.0	0.069	50790	1758
1100	8.0	35.6	0.170	300.0	20.3	0.070	50766	1758
1200	8.1	36.5	0.170	305.6	20.2	0.069	50430	1768
1300	8.1	36.6	0.170	302.5	20.6	0.070	49794	1746
1400	8.1	37.3	0.180	308.8	20.2	0.069	49878	1748
1500	8.1	38.0	0.180	317.1	20.1	0.068	50268	1762
1600	8.2	38.0	0.180	314.9	20.3	0.068	49920	1772
1700	8.2	38.7	0.180	319.7	19.9	0.067	49764	1766
1800	8.1	39.2	0.190	326.8	19.4	0.066	50214	1760
1900	8.1	38.9	0.180	323.0	19.6	0.067	50022	1754
2000	8.1	38.9	0.180	322.9	19.8	0.067	50004	1753
2100	8.1	39.2	0.190	327.3	19.3	0.066	50304	1763
2200	8.1	39.4	0.190	331.3	18.5	0.063	50658	1776
2300	8.1	39.6	0.190	328.5	18.4	0.063	49974	1752
AVRGE	8.0	38.1	0.181	319.8	19.3	0.066	50507	1759

Daily SO2 3.8 Tons  
 Daily CO2 5558.8 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:25:36

Reporting Period  
 Day: 12/29/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	40.1	0.190	336.1	18.3	0.062	50496	1770
0100	8.1	39.3	0.190	327.6	18.1	0.062	50220	1760
0200	8.1	39.3	0.190	329.5	17.7	0.060	50514	1771
0300	8.1	37.0	0.180	305.5	18.1	0.062	49734	1743
0400	8.1	36.6	0.170	296.7	18.7	0.064	48828	1712
0500	8.1	37.8	0.180	311.2	18.3	0.062	49602	1739
0600	8.1	34.7	0.160	279.1	18.7	0.064	48450	1698
0700	8.1	32.9	0.160	262.8	19.9	0.068	48126	1687
0800	8.1	32.7	0.150	262.4	20.6	0.070	48336	1694
0900	8.1	32.0	0.150	251.5	20.7	0.070	47352	1660
1000	8.2	32.5	0.150	257.9	21.3	0.072	47796	1696
1100	8.1	31.8	0.150	252.2	21.7	0.074	47778	1675
1200	8.1	31.4	0.150	248.0	22.2	0.076	47574	1668
1300	8.1	31.4	0.150	249.6	22.4	0.076	47892	1679
1400	8.1	30.9	0.150	245.8	23.3	0.079	47928	1680
1500	8.1	30.6	0.140	243.6	23.8	0.081	47964	1681
1600	8.1	30.2	0.140	241.2	24.0	0.082	48114	1687
1700	8.1	29.7	0.140	237.9	24.6	0.084	48246	1691
1800	8.1	29.3	0.140	232.0	24.9	0.085	47694	1672
1900	8.1	29.0	0.140	231.0	25.1	0.085	47976	1682
2000	8.1	28.9	0.140	231.5	25.1	0.085	48246	1691
2100	8.1	28.6	0.140	228.5	25.4	0.086	48120	1687
2200	8.1	28.4	0.130	227.2	25.5	0.087	48192	1689
2300	8.1	28.1	0.130	221.9	25.5	0.087	47568	1667
AVRGE	8.1	32.6	0.155	262.9	21.8	0.074	48448	1700

Daily SO2 3.2 Tons  
 Daily CO2 5371.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:25:42

Reporting Period  
 Day: 12/30/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	28.1	0.130	223.3	25.9	0.089	47880	1658
0100	8.0	28.1	0.130	223.3	25.6	0.088	47874	1657
0200	8.0	27.9	0.130	225.0	25.6	0.088	48588	1682
0300	8.0	28.1	0.130	228.1	25.4	0.088	48894	1693
0400	8.0	28.3	0.140	226.1	25.4	0.088	48120	1666
0500	8.0	28.6	0.140	226.9	25.2	0.087	47796	1655
0600	8.0	28.2	0.140	222.9	25.2	0.087	47622	1649
0700	8.0	28.6	0.140	229.8	25.5	0.088	48402	1676
0800	8.0	28.8	0.140	230.7	25.7	0.089	48258	1671
0900	7.9	28.2	0.140	225.8	25.8	0.090	48240	1649
1000	7.9	27.9	0.140	223.5	26.6	0.093	48258	1650
1100	7.9	27.8	0.140	224.9	27.4	0.096	48744	1667
1200	8.0	28.3	0.140	226.5	27.1	0.093	48210	1669
1300	7.9	28.2	0.140	224.7	26.5	0.093	47994	1641
1400	7.9	29.1	0.140	230.5	25.9	0.090	47718	1631
1500	8.0	29.9	0.140	235.8	25.1	0.087	47502	1645
1600	8.0	30.6	0.150	243.5	24.4	0.084	47940	1660
1700	8.0	30.6	0.150	245.7	24.2	0.083	48366	1675
1800	8.0	30.4	0.150	241.7	23.6	0.081	47886	1658
1900	8.0	30.0	0.140	240.4	22.4	0.077	48264	1671
2000	7.9	29.5	0.140	236.5	21.7	0.076	48294	1651
2100	8.0	29.4	0.140	237.2	21.6	0.074	48612	1683
2200	8.0	29.1	0.140	233.6	21.6	0.074	48366	1675
2300	8.0	28.8	0.140	230.6	21.7	0.075	48228	1670
AVRGE	8.0	28.9	0.140	230.7	24.8	0.086	48169	1663

Daily SO2 2.8 Tons  
 Daily CO2 5255.1 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:25:49

Reporting Period  
 Day: 12/31/2001

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	28.8	0.140	231.4	21.4	0.074	48396	1676
0100	8.0	28.8	0.140	234.0	21.2	0.073	48948	1695
0200	7.9	28.4	0.140	227.3	20.9	0.073	48204	1648
0300	7.9	28.3	0.140	229.0	20.8	0.073	48738	1666
0400	7.9	28.1	0.140	227.5	20.9	0.073	48774	1668
0500	7.9	28.4	0.140	229.5	20.9	0.073	48684	1664
0600	7.9	28.2A	0.140	227.6	21.3	0.074	48612	1662
0700	7.9	28.1A	0.140	226.7	21.4	0.075	48594	1661
0800	7.9	28.0	0.140	227.2	21.5	0.075	48888	1671
0900	7.9	28.1	0.140	229.6	21.5	0.075	49212	1683
1000	7.9	28.1	0.140	226.0	21.5	0.075	48444	1656
1100	8.0	28.1	0.130	226.5	21.4	0.074	48552	1681
1200	7.9	27.8	0.140	224.3	21.2	0.074	48612	1662
1300	7.9	27.8	0.140	223.9	21.2	0.074	48522	1659
1400	7.9	27.5	0.130	223.0	21.1	0.074	48840	1670
1500	8.0	27.7	0.130	221.8	21.3	0.073	48246	1670
1600	8.0	28.3	0.140	225.8	20.9	0.072	48066	1664
1700	8.0	27.9	0.130	221.3	20.8	0.072	47772	1654
1800	8.0	28.8	0.140	231.3	20.6	0.071	48384	1675
1900	7.9	29.0	0.140	233.3	20.7	0.072	48462	1657
2000	7.9	29.7	0.140	240.2	20.3	0.071	48726	1666
2100	7.9	30.5	0.150	246.3	19.8	0.069	48648	1663
2200	7.9	31.3	0.150	255.4	20.6	0.072	49152	1680
2300	7.9	31.9	0.160	257.1	21.2	0.074	48546	1660
AVRGE	7.9	28.7	0.140	231.1	21.0	0.073	48584	1668

Daily SO2 2.8 Tons  
 Daily CO2 5269.7 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:25:56

Reporting Period  
 Day: 01/01/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	32.7	0.160	264.8	21.1	0.074	48774	1668
0100	7.9	32.1	0.160	263.7	20.7	0.072	49488	1692
0200	7.9	31.1	0.150	254.5	20.2	0.071	49296	1685
0300	7.8	30.1	0.150	249.7	19.7	0.070	49968	1687
0400	7.8	29.9	0.150	249.6	19.3	0.068	50298	1698
0500	7.8	29.8	0.150	245.5	19.2	0.068	49620	1675
0600	7.8	29.8A	0.150	248.8	19.1	0.068	50286	1697
0700	7.7	29.8	0.150	246.6	18.9	0.068	49860	1662
0800	7.8	30.0	0.150	250.8	18.9	0.067	50358	1700
0900	7.8	30.1	0.150	247.7	19.3	0.068	49578	1674
1000	7.8	30.5	0.150	252.5	19.8	0.070	49878	1684
1100	7.9	30.9	0.150	256.4	20.4	0.071	49992	1709
1200	7.9	31.3	0.150	256.4	20.9	0.073	49338	1687
1300	7.9	32.2	0.160	263.8	20.9	0.073	49350	1687
1400	8.0	33.3	0.160	270.4	20.9	0.072	48918	1694
1500	8.0	34.0	0.160	272.2	20.9	0.072	48228	1670
1600	8.0	34.3	0.160	275.2	20.7	0.071	48342	1674
1700	8.0	34.0	0.160	275.4	20.5	0.071	48792	1689
1800	8.0	33.0	0.160	268.7	20.4	0.070	49050	1698
1900	8.0	33.4	0.160	274.4	20.2	0.070	49500	1714
2000	7.9	32.6	0.160	271.7	20.3	0.071	50202	1716
2100	7.9	31.6	0.150	259.8	20.4	0.071	49518	1693
2200	7.9	30.2	0.150	247.8	20.7	0.072	49428	1690
2300	7.9	29.3	0.140	240.5	20.9	0.073	49446	1691
AVRGE	7.9	31.5	0.154	258.6	20.2	0.071	49480	1689

Daily SO2 3.1 Tons  
 Daily CO2 5338.5 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:02

Reporting Period  
 Day: 01/02/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	29.5	0.140	242.8	20.8	0.073	49578	1695
0100	7.9	30.2	0.150	247.6	20.6	0.072	49386	1688
0200	7.9	30.5	0.150	250.0	20.5	0.072	49386	1688
0300	7.9	31.0	0.150	252.0	20.5	0.072	48972	1674
0400	7.9	31.8	0.150	262.7	20.3	0.072	49770	1702
0500	7.9	33.3	0.160	274.7	20.5	0.071	49698	1699
0600	7.9	34.1A	0.170	282.5	20.6	0.072	49902	1706
0700	8.0	35.8	0.170	299.3	20.9	0.072	50364	1744
0800	8.1	36.7	0.170	307.3	21.3	0.073	50442	1768
0900	8.1	36.4	0.170	304.7	21.8	0.074	50424	1768
1000	8.1	35.9	0.170	299.8	22.0	0.075	50310	1764
1100	8.1	35.5	0.170	292.2	22.6	0.077	49578	1738
1200	8.2	35.0	0.160	287.7	23.4	0.079	49518	1757
1300	8.1	33.8	0.160	276.5	23.3	0.079	49284	1728
1400	8.2	33.2	0.160	275.9	23.3	0.078	50064	1777
1500	8.2	33.9	0.160	282.9	22.6	0.076	50274	1784
1600	8.2	34.6	0.160	286.8	22.3	0.075	49926	1772
1700	8.1	35.3	0.170	292.0	21.7	0.074	49824	1747
1800	8.2	35.2	0.160	291.0	22.0	0.074	49806	1768
1900	8.1	34.6	0.160	285.3	22.1	0.075	49680	1742
2000	8.2	34.8	0.160	288.6	22.5	0.076	49950	1773
2100	8.2	34.5	0.160	285.3	22.9	0.077	49824	1768
2200	8.2	33.3	0.160	275.1	23.4	0.079	49758	1766
2300	8.1	32.9	0.160	273.2	24.0	0.082	50028	1754
AVRGE	8.1	33.8	0.160	279.8	21.9	0.075	49823	1741

Daily SO2 3.4 Tons  
 Daily CO2 5501.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:11

Reporting Period  
 Day: 01/03/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	35.4	0.170	297.1	23.9	0.081	50556	1772
0100	8.1	34.0	0.160	287.0	23.5	0.080	50850	1783
0200	8.1	34.2	0.160	286.9	23.0	0.078	50532	1771
0300	8.0	35.2	0.170	299.7	22.7	0.078	51294	1776
0400	8.0	35.4	0.170	304.9	22.7	0.078	51882	1796
0500	8.0	33.5	0.160	286.3	23.5	0.081	51492	1783
0600	8.0	34.4	0.160	294.3	24.2	0.083C	51546C	1785
0700	8.1	35.8	0.170	0.0	23.8	0.081C	0C	0
0800	8.1	35.7	0.170	0.0	23.9	0.081I	0I	0
0900	8.1	36.9	0.170	321.8	25.5	0.087	52536	1842
1000	8.1	39.8	0.190	347.5	23.7	0.081	52596	1844
1100	8.0	39.1	0.190	343.5	23.7	0.082	52926	1832
1200	8.0	38.3	0.180	334.6	23.9	0.082	52632	1822
1300	8.0	37.3	0.180	325.7	23.6	0.081	52596	1821
1400	8.1	37.7	0.180	328.2	23.2	0.079	52446	1839
1500	8.0	38.9	0.190	343.5	22.2	0.077	53190	1842
1600	8.0	38.5	0.180	340.8	21.5	0.074	53322	1846
1700	8.0	37.1	0.180	322.2	21.6	0.074	52314	1811
1800	8.0	36.3	0.170	318.9	22.3	0.077	52926	1832
1900	8.0	34.9	0.170	307.4	23.2	0.080	53052	1837
2000	8.0	33.5	0.160	294.8	25.1	0.087	53010	1835
2100	8.0	32.8	0.160	288.2	25.7	0.089	52932	1833
2200	8.0	32.6	0.160	290.4	25.9	0.089	53658	1858
2300	8.0	32.4	0.160	289.4	25.8	0.089	53814	1863
AVRGE	8.0	35.8	0.171	285.5	23.7	0.081	48004	1668

Daily SO2 3.4 Tons  
 Daily CO2 5271.0 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:17

Reporting Period  
 Day: 01/04/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	32.1	0.150	285.3	26.0	0.090	53532	1853
0100	8.0	31.9	0.150	283.7	25.7	0.089	53568	1855
0200	7.9	31.7	0.150	284.1	25.7	0.090	53988	1846
0300	7.9	31.4	0.150	282.6	26.0	0.091	54222	1854
0400	7.9	31.3	0.150	282.1	25.9	0.090	54294	1856
0500	7.9	30.8	0.150	273.5	25.6	0.089	53502	1829
0600	7.8	30.6	0.150	275.4	25.8	0.091	54222	1830
0700	7.9	31.0	0.150	276.3	25.8	0.090	53688	1836
0800	8.0	32.0	0.150	284.3	25.7	0.089	53526	1853
0900	8.2	33.4	0.160	285.7	26.9	0.090	51522	1828
1000	8.2	32.1	0.150	275.3	26.6	0.089	51660	1833
1100	8.2	32.4	0.150	278.9	28.1	0.095	51858	1840
1200	8.2	32.5	0.150	276.7	28.8	0.097	51294	1820
1300	8.2	33.2	0.160	285.7	28.7	0.097	51834	1839
1400	8.2	34.0	0.160	295.9	28.9	0.097	52422	1860
1500	8.2	34.2	0.160	294.6	28.6	0.096	51888	1841
1600	8.2	34.2	0.160	294.9	28.5	0.096	51936	1843
1700	8.2	34.1	0.160	295.0	29.2	0.098	52122	1850
1800	8.3	34.0	0.160	291.8	28.7	0.095	51708	1857
1900	8.3	34.1	0.160	294.7	28.5	0.095	52068	1870
2000	8.3	34.2	0.160	298.0	27.8	0.092	52494	1886
2100	8.3	34.0	0.160	296.1	27.6	0.092	52458	1884
2200	8.3	33.0	0.150	286.8	27.4	0.091	52362	1881
2300	8.3	32.1	0.150	279.6	27.5	0.091	52470	1885
AVRGE	8.1	32.7	0.154	285.7	27.3	0.093	52693	1852

Daily SO2 3.4 Tons  
 Daily CO2 5851.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:23

Reporting Period  
 Day: 01/05/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.3	31.9	0.150	279.9	27.7	0.092	52866	1899
0100	8.3	32.0	0.150	277.4	27.8	0.092	52212	1876
0200	8.3	31.7	0.150	275.3	28.1	0.093	52320	1879
0300	8.3	31.6	0.150	273.6	28.2	0.094	52164	1874
0400	8.2	31.6	0.150	273.5	28.1	0.095	52134	1850
0500	8.2	31.6	0.150	276.9	28.1	0.095	52782	1873
0600	8.2	31.1A	0.150	269.9	28.5A	0.096A	52278A	1855
0700	8.2	31.1	0.150	273.5	28.6	0.096	52974	1880
0800	8.2	31.6	0.150	277.4	28.0	0.094	52884	1877
0900	8.2	32.2	0.150	279.5	27.5	0.092	52290	1856
1000	8.2	33.2	0.160	290.4	27.0	0.091A	52698A	1870
1100	8.2	33.5	0.160	296.5	27.3	0.092	53310	1892
1200	8.1	33.0	0.160	292.0	27.9	0.095	53298	1868
1300	8.1	33.4	0.160	294.3	28.2	0.096	53076	1861
1400	8.1	34.6	0.160	305.5	28.1	0.096	53190	1865
1500	8.0	34.4	0.160	306.0	27.1	0.093	53580	1855
1600	8.1	34.5	0.160	304.9	27.5	0.094	53244	1866
1700	8.1	34.5	0.160	305.3	27.5	0.094	53310	1869
1800	8.1	34.0	0.160	300.2	27.9	0.095	53196	1865
1900	8.2	33.2	0.160	291.2	27.8	0.094	52842	1875
2000	8.1	33.8	0.160	296.7	27.7	0.094	52878	1854
2100	8.1	33.8	0.160	297.4	28.1	0.096	53010	1858
2200	8.1	33.9	0.160	295.2	27.6	0.094	52464	1839
2300	8.2	34.3	0.160	301.2	27.6	0.093	52896	1877
AVRGE	8.2	32.9	0.156	288.9	27.8	0.094	52829	1869

Daily SO2 3.5 Tons  
 Daily CO2 5904.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:30

Reporting Period  
 Day: 01/06/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.2	34.0	0.160	297.8	27.5	0.092	52758	1872
0100	8.2	34.0	0.160	295.4	27.4	0.092	52338	1857
0200	8.1	33.9	0.160	297.0	26.9	0.092	52782	1850
0300	8.1	34.1	0.160	298.7	26.4	0.090	52776	1850
0400	8.1	34.0	0.160	302.2	26.2	0.089	53544	1877
0500	8.1	34.6	0.160	307.5	25.1	0.085	53532	1877
0600	8.1	33.3	0.160	295.4	26.0	0.089	53442	1873
0700	8.1	32.5	0.150	287.0	26.5	0.090	53196	1865
0800	8.1	32.7	0.150	285.6	26.3	0.090	52614	1844
0900	8.1	33.3	0.160	289.5	25.4	0.086	52380	1836
1000	8.1	33.3	0.160	290.2	25.7	0.088	52506	1841
1100	8.1	33.2	0.160	288.9	25.9	0.088	52422	1838
1200	8.0	31.7	0.150	277.7	25.9	0.089	52770	1827
1300	7.9	28.9	0.140	251.8	29.5	0.103	52482	1794
1400	7.9	28.8	0.140	254.8	31.2	0.109	53298	1822
1500	7.9	29.1	0.140	256.7	31.3	0.109	53136	1817
1600	7.9	29.2	0.140	258.9	30.5	0.106	53412	1826
1700	8.0	29.1	0.140	254.3	30.3	0.104	52638	1822
1800	8.0	29.6	0.140	258.8	30.3	0.104	52680	1824
1900	8.0	30.2	0.140	262.7	29.4	0.101	52404	1814
2000	8.1	30.4	0.140	267.6	29.2	0.099	53034	1859
2100	8.1	30.3	0.140	267.7	29.6	0.101	53226	1866
2200	8.1	30.7	0.150	270.4	29.7	0.101	53052	1860
2300	8.0	31.2	0.150	273.0	28.2	0.097	52710	1825
AVRGE	8.1	31.8	0.150	278.7	27.9	0.096	52881	1844

Daily SO2 3.3 Tons  
 Daily CO2 5826.2 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:36

Reporting Period  
 Day: 01/07/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.2	32.4	0.150	284.2	27.2	0.091	52848	1875
0100	8.2	32.9	0.150	286.3	26.7	0.090	52416	1860
0200	8.2	33.8	0.160	289.4	25.5	0.086	51576	1830
0300	8.2	34.5	0.160	295.6	24.6	0.083	51618	1832
0400	8.2	33.0	0.150	284.5	25.4	0.085	51942	1843
0500	8.2	33.5	0.160	289.2	25.2	0.085	52008	1846
0600	8.2	33.9	0.160	288.8	25.4	0.085	51318	1821
0700	8.1	33.3	0.160	288.9	25.1	0.085	52266	1832
0800	8.1	33.4	0.160	288.4	26.5	0.090	52014	1823
0900	8.2	34.0	0.160	292.8	27.9	0.094	51876	1841
1000	8.1	34.1	0.160	293.4	27.9	0.095	51828	1817
1100	8.1	36.2	0.170	313.0	28.3	0.096	52080	1826
1200	8.1	36.8	0.170	322.8	27.8	0.095	52842	1852
1300	8.1	35.8	0.170	314.0	28.1	0.096	52836	1852
1400	8.1	46.8	0.220	405.5	28.3	0.096	52194	1830
1500	8.1	40.2	0.190	354.0	28.8	0.098	53052	1860
1600	8.2	39.0	0.180	341.4	28.0	0.094	52728	1871
1700	8.2	38.4	0.180	332.2	28.0	0.094	52110	1849
1800	8.2	40.6	0.190	353.1	27.9	0.094	52398	1860
1900	8.2	42.3	0.200	365.6	27.8	0.094	52062	1848
2000	8.2	42.6	0.200	365.2	27.9	0.094	51642	1833
2100	8.2	41.7	0.190	362.4	28.1	0.095	52356	1858
2200	8.2	40.5	0.190	350.6	28.5	0.096	52146	1851
2300	8.2	38.7	0.180	332.1	28.5	0.096	51690	1834
AVRGE	8.2	37.0	0.173	320.6	27.2	0.092	52160	1844

Daily SO2 3.8 Tons  
 Daily CO2 5827.4 Tons

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:42

Reporting Period  
 Day: 01/08/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.2	37.1	0.170	324.2	29.6	0.100	52638	1868
0100	8.2	35.3	0.170	304.2	30.2	0.102	51912	1842
0200	8.2	36.3	0.170	313.4	29.2	0.098	52002	1845
0300	8.2	35.0	0.160	305.1	27.5	0.092	52518	1864
0400	8.2	37.1	0.170	321.6	26.8	0.090	52218	1853
0500	8.2	38.3	0.180	333.9	26.2	0.088	52524	1864
0600	8.2	39.3A	0.180	336.0	25.8	0.087	51510	1828
0700	8.2	38.5	0.180	335.0	25.8	0.087	52422	1860
0800	8.2	38.4	0.180	335.8	25.9	0.087	52680	1870
0900	8.2	39.3	0.180	339.6	26.8	0.090	52050	1847
1000	8.3	38.8	0.180	341.1	27.2	0.090	52956	1902
1100	8.2	37.1	0.170	322.4	26.9	0.090	52344	1858
1200	8.2	35.5	0.170	309.6	26.6	0.089	52536	1864
1300	8.2	35.2	0.160	306.0	26.6	0.089	52368	1858
1400	8.2	34.6	0.160	298.6	26.8	0.090	51990	1845
1500	8.2	34.4	0.160	296.2	26.6	0.089	51870	1841
1600	8.2	34.1	0.160	292.5	27.0	0.091	51678	1834
1700	8.2	33.8	0.160	295.9	27.1	0.091	52734	1871
1800	8.2	33.2	0.160	288.3	27.1	0.091	52308	1856
1900	8.2	32.7	0.150	282.6	27.8	0.094	52056	1847
2000	8.2	32.9	0.150	286.0	27.8	0.094	52362	1858
2100	8.2	33.2	0.160	289.8	27.8	0.094	52584	1866
2200	8.2	33.7	0.160	292.5	27.4	0.092	52284	1855
2300	8.3	34.8	0.160	301.3	26.3	0.087	52158	1874
AVRGE	8.2	35.8	0.167	310.5	27.2	0.091	52279	1858

Daily SO2 3.7 Tons  
 Daily CO2 5870.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:49

Reporting Period  
 Day: 01/09/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.2	34.6	0.160	298.5	26.0	0.087	51972	1844
0100	8.2	35.1	0.160	305.5	25.8	0.087	52440	1861
0200	8.2	35.5	0.170	308.8	25.9	0.087	52398	1860
0300	8.2	35.3	0.170	309.0	25.7	0.086	52728	1871
0400	8.2	35.1	0.160	299.5	25.9	0.087	51396	1824
0500	8.2	34.7	0.160	299.1	26.6	0.089	51918	1842
0600	8.2	36.2	0.170	310.7	26.7	0.090	51702	1835
0700	8.3	36.7	0.170	321.0	26.5	0.088	52686	1893
0800	8.2	37.5	0.180	327.7	26.2	0.088	52650	1868
0900	8.2	37.7	0.180	327.8	26.3	0.088	52386	1859
1000	8.2	36.9	0.170	323.0	26.4	0.089	52728	1871
1100	8.2	35.1	0.160	305.0	27.7	0.093	52350	1858
1200	8.1	34.6	0.160	305.3	34.7	0.118	53160	1864
1300	8.1	33.5	0.160	293.6	31.1	0.106	52800	1851
1400	8.1	32.9	0.160	291.1	30.4	0.104	53310	1869
1500	8.1	32.7	0.150	286.9	30.6	0.104	52860	1853
1600	8.1	33.3	0.160	296.7	29.9	0.102	53670	1881
1700	8.1	33.5	0.160	297.4	29.1	0.099	53478	1875
1800	8.1	33.2	0.160	294.5	28.3	0.096	53436	1873
1900	8.2	33.6	0.160	295.3	28.2	0.095	52950	1879
2000	8.2	33.4	0.160	293.7	27.9	0.094	52974	1880
2100	8.2	33.4	0.160	289.6	27.7	0.093	52230	1854
2200	8.1	32.7	0.150	284.4	28.0	0.095	52398	1837
2300	8.1	31.8	0.150	277.5	28.9	0.098	52566	1843
AVRGE	8.2	34.5	0.163	301.7	27.9	0.094	52633	1861

Daily SO2 3.6 Tons  
 Daily CO2 5880.1 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:26:56

Reporting Period  
 Day: 01/10/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	32.4	0.150	284.3	28.8	0.098	52860	1853
0100	8.2	32.7	0.150	288.0	28.3	0.095	53058	1883
0200	8.1	32.2	0.150	277.5	28.7	0.098	51918	1820
0300	8.1	32.7	0.150	285.8	28.2	0.096	52650	1846
0400	8.2	32.9	0.150	285.8	28.6	0.096	52326	1857
0500	8.2	33.2	0.160	289.5	28.2	0.095	52524	1864
0600	8.2	33.4	0.160	292.2	27.7	0.093A	52710A	1871
0700	8.1	33.9	0.160	297.7	27.0	0.092	52908	1855
0800	8.2	34.4	0.160	302.4	27.2	0.091	52950	1879
0900	8.2	35.1	0.160	312.0	27.2	0.091	53550	1900
1000	8.1	35.1	0.170	313.8	27.4	0.093	53862	1888
1100	8.1	35.0	0.170	311.6	26.9	0.092	53634	1880
1200	8.0	33.5	0.160	297.8	27.3	0.094	53544	1854
1300	8.1	35.9	0.170	320.8	27.2	0.093	53826	1887
1400	8.0	36.2	0.170	325.6	26.6	0.092	54180	1876
1500	8.1	35.7	0.170	319.2	26.6	0.091	53862	1888
1600	8.1	35.4	0.170	312.5	25.6	0.087	53178	1864
1700	8.1	35.2	0.170	306.8	25.4	0.086	52512	1841
1800	8.1	34.6	0.160	300.5	27.6	0.094	52314	1834
1900	8.1	34.3	0.160	293.8	29.3	0.100	51606	1809
2000	8.1	34.8	0.160	299.6	29.0	0.099	51858	1818
2100	8.1	34.4	0.160	299.6	28.9	0.098	52470	1839
2200	8.1	34.8	0.160	300.9	28.4	0.097	52092	1826
2300	8.2	34.3	0.160	298.5	29.1	0.098	52434	1861
AVRGE	8.1	34.3	0.161	300.7	27.7	0.094	52868	1859

Daily SO2 3.6 Tons  
 Daily CO2 5873.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:03

Reporting Period  
 Day: 01/11/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	33.4	0.160	292.3	29.4	0.100	52728	1848
0100	8.1	33.7	0.160	293.8	29.4	0.100	52518	1841
0200	8.1	34.5	0.160	306.1	29.3	0.100	53448	1874
0300	8.1	34.8	0.160	304.4	28.9	0.098	52698	1847
0400	8.1	35.8	0.170	313.2	28.8	0.098	52704	1848
0500	8.1	35.8	0.170	313.0	28.7	0.098	52662	1846
0600	8.1	35.6	0.170	311.8	28.6	0.097A	52764A	1850
0700	8.1	35.0	0.170	308.8	28.0	0.095	53154	1863
0800	8.1	34.5	0.160	305.8	28.2	0.096	53394	1872
0900	8.1	36.3	0.170	326.4	28.1	0.096	54174	1899
1000	8.1	38.0	0.180	340.9	26.2	0.089	54048	1895
1100	8.0	37.6	0.180	335.1	25.5	0.088	53688	1859
1200	7.9	36.2	0.180	318.3	25.6	0.089	52974	1811
1300	8.0	36.2	0.170	319.6	26.3	0.091	53178	1841
1400	8.0	37.5	0.180	330.0	25.3	0.087	53016	1836
1500	8.0	38.4	0.180	337.3	24.4	0.084	52908	1832
1600	8.0	38.6	0.190	336.6	24.2	0.083	52530	1819
1700	8.1	37.8	0.180	329.5	24.4	0.083	52506	1841
1800	8.0	37.1	0.180	325.6	25.4	0.088	52872	1831
1900	8.1	37.1	0.180	322.8	26.0	0.089	52416	1837
2000	8.1	38.6	0.180	336.0	26.4	0.090	52440	1838
2100	8.0	38.1	0.180	335.6	26.3	0.091	53058	1837
2200	8.0	37.0	0.180	325.6	27.3	0.094	53016	1836
2300	8.1	36.9	0.170	325.2	28.5	0.097	53094	1861
AVRGE	8.1	36.4	0.173	320.6	27.1	0.093	53000	1849

Daily SO2 3.8 Tons  
 Daily CO2 5842.3 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:10

Reporting Period  
 Day: 01/12/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.1	36.6	0.170	322.0	27.5	0.094	53004	1858
0100	8.1	36.6	0.170	324.8	26.9	0.092	53454	1874
0200	8.1	35.7	0.170	316.9	27.6	0.094	53472	1874
0300	8.1	34.9	0.170	309.3	28.5	0.097	53394	1872
0400	8.1	34.7	0.160	307.7	28.7	0.098	53412	1872
0500	8.1	34.7	0.160	305.0	28.4	0.097	52950	1856
0600	8.1	33.8	0.160	295.4	28.6	0.097	52644	1845
0700	8.1	33.6	0.160	295.4	28.1	0.096	52962	1857
0800	8.1	33.8	0.160	295.0	28.0	0.095	52572	1843
0900	8.1	34.4	0.160	305.9	27.5	0.094	53562	1878
1000	8.1	35.3	0.170	317.6	26.7	0.091	54198	1900
1100	8.0	34.8	0.170	308.2	26.8	0.092	53352	1847
1200	8.0	34.6	0.170	305.0	26.4	0.091	53094	1838
1300	8.0	33.9	0.160	299.0	26.3	0.091	53130	1840
1400	8.0	33.8	0.160	296.9	26.7	0.092	52920	1832
1500	6.4	23.8	0.140	189.3	30.9	0.133	47910	1327
1600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
2300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
AVRGE	5.3	22.7	0.109	199.7	18.5	0.064	35251	1218

Daily SO2 2.4 Tons  
 Daily CO2 3847.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:17

Reporting Period  
 Day: 01/13/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0500	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0600	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0700	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0800	0.0	0.0	0.000	0.0	0.0	0.000	0	0
0900	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1000	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1100	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1200	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1300	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1400	0.0	0.0	0.000	0.0	0.0	0.000	0	0
1500	1.7	1.5	0.030	2.0	17.7	0.287	7926	58
1600	3.0	3.7	0.030	18.5	68.7	0.388	30102	635
1700	4.6	5.9	0.030	33.7	60.4	0.223	34428	1115
1800	5.2	6.6	0.030	49.2	44.4	0.145	44868	1643
1900	5.2	6.5	0.030	48.9	43.6	0.142	45342	1660
2000	5.3	6.4	0.030	47.8	43.7	0.140	45024	1680
2100	5.2	6.4	0.030	48.3	43.2	0.141	45432	1663
2200	5.2	6.4	0.030	49.0	42.9	0.140	46110	1688
2300	5.2	6.4	0.030	49.2	42.5	0.139	46296	1695
AVRGE	1.7	2.1	0.011	14.4	17.0	0.073	14397	493

Daily SO2 0.2 Tons  
 Daily CO2 961.5 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:23

Reporting Period  
 Day: 01/14/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	5.2	6.3	0.030	47.8	42.2	0.138	45744	1675
0100	5.2	6.3	0.030	47.4	41.8	0.136	45348	1660
0200	5.1	6.1	0.030	45.1	41.4	0.138	44562	1600
0300	5.6	38.8	0.270	232.1	34.0	0.167	36030	873
0400	7.6	38.9	0.200	268.0	20.6	0.075	41508	1365
0500	8.1	44.1	0.210	346.6	21.2	0.072	47346	1660
0600	8.1	45.4	0.210	365.5	21.2	0.072A	48504A	1700
0700	8.1	48.1	0.230	393.3	21.0	0.072	49260	1727
0800	8.1	44.0	0.210	361.3	21.8	0.074	49464	1734
0900	8.1	41.9	0.200	346.5	22.6	0.077	49824	1747
1000	8.0	39.3	0.190	331.1	23.2	0.080	50748	1757
1100	8.0	40.7	0.190	346.1	23.5	0.081	51222	1773
1200	8.0	39.8	0.190	343.7	24.3	0.084	52020	1801
1300	8.0	36.7	0.180	314.2	24.0	0.083	51576	1786
1400	8.0	36.2	0.170	313.6	25.8	0.089	52188	1807
1500	8.0	36.4	0.170	313.7	24.2	0.083	51912	1797
1600	8.0	36.3	0.170	315.7	23.0	0.079	52398	1814
1700	8.0	38.7	0.190	333.6	21.0	0.072	51930	1798
1800	8.0	34.9	0.170	285.4	19.5	0.067	49260	1705
1900	7.9	33.0	0.160	265.8	20.6	0.072	48528	1659
2000	8.0	37.5	0.180	311.1	20.5	0.071	49974	1730
2100	7.9	40.1	0.190	327.8	20.3	0.071	49242	1684
2200	8.0	43.0	0.210	358.7	19.8	0.068	50250	1740
2300	8.0	45.1	0.220	373.4	20.9	0.072	49878	1727
AVRGE	7.5	35.7	0.175	291.1	24.9	0.087	48697	1680

Daily SO2 3.5 Tons  
 Daily CO2 5059.6 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:29

Reporting Period  
 Day: 01/15/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	7.9	45.9	0.220	365.4	22.7	0.079	47958	1640
0100	8.0	41.7	0.200	322.9	19.4	0.067	46650	1615
0200	7.9	44.5	0.220	348.8	18.0	0.063	47214	1614
0300	8.0	44.3	0.210	349.4	18.7	0.064	47508	1645
0400	8.0	46.4	0.220	372.9	18.5	0.064	48414	1676
0500	8.1	48.3	0.230	391.6	20.3	0.069	48840	1712
0600	8.1	48.3	0.230	382.7	29.3C	0.100	47736	1673
0700	8.1	47.3	0.220	379.1	0.0C	0.000	48288	1693
0800	8.1	49.9	0.240	401.8	0.0C	0.000	48504	1700
0900	8.2	39.6	0.190	314.8	17.0	0.057	47892	1700
1000	8.2	35.0	0.160	274.6	17.6	0.059	47256	1677
1100	8.2	36.5	0.170	288.1	17.9	0.060	47550	1687
1200	8.2	37.3	0.170	295.6	18.3	0.062	47736	1694
1300	8.2	36.8	0.170	291.8	20.6	0.069	47766	1695
1400	8.1	36.9	0.170	293.5	26.0	0.089	47922	1680
1500	8.2	43.9	0.210	354.2	20.5	0.069	48600	1725
1600	8.1	44.2	0.210	360.8	18.8	0.064	49170	1724
1700	8.1	36.3	0.170	300.2	19.9	0.068	49824	1747
1800	8.1	33.9	0.160	277.7	20.9	0.071	49344	1730
1900	8.1	35.6	0.170	292.8	20.9	0.071	49554	1737
2000	8.1	35.5	0.170	293.2	20.9	0.071	49758	1744
2100	8.2	37.2	0.170	314.0	21.5	0.072	50844	1804
2200	8.2	38.7	0.180	325.3	21.3	0.072	50640	1797
2300	8.2	41.4	0.190	346.7	19.7	0.066	50442	1790
AVRGE	8.1	41.1	0.194	330.7	18.7	0.064	48559	1705

Daily SO2 4.0 Tons  
 Daily CO2 5386.6 Tons

Legend

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



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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:35

Reporting Period  
 Day: 01/16/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.3	42.8	0.200	361.1	18.6	0.062	50820	1826
0100	8.3	44.5	0.210	375.5	18.0	0.060	50838	1826
0200	8.2	42.0	0.200	350.0	17.8	0.060	50196	1781
0300	8.2	45.1	0.210	377.9	16.5	0.055	50478	1791
0400	8.1	43.6	0.210	360.6	16.6	0.057	49824	1747
0500	8.0	35.9	0.170	293.9	18.2	0.063	49314	1707
0600	8.0	34.9	0.170	285.1	19.4	0.067	49218	1704
0700	8.0	34.5	0.170	280.5	21.9	0.076	48978	1696
0800	8.1	35.7	0.170	293.3	23.1	0.079	49500	1735
0900	8.1	37.2	0.180	307.1	22.9	0.078	49734	1743
1000	8.1	38.6	0.180	326.1	22.5	0.077	50892	1784
1100	8.1	41.2	0.190	352.7	22.4	0.076	51576	1808
1200	8.0	46.7	0.220	403.0	21.0	0.072	51990	1800
1300	8.0	45.2	0.220	390.5	19.9	0.069	52038	1802
1400	8.0	44.0	0.210	376.7	20.0	0.069	51570	1785
1500	8.0	42.4	0.200	361.2	20.1	0.069	51318	1777
1600	8.1	41.6	0.200	349.7	19.5	0.066	50646	1775
1700	8.1	38.6	0.180	322.9	20.0	0.068	50388	1766
1800	8.1	36.7	0.170	306.1	20.6	0.070	50250	1762
1900	8.1	35.3	0.170	296.4	21.7	0.074	50586	1773
2000	8.1	36.5	0.170	306.6	20.9	0.071	50604	1774
2100	8.1	37.0	0.180	311.9	20.4	0.069	50778	1780
2200	8.1	37.8	0.180	320.4	20.1	0.068	51054	1790
2300	8.2	38.8	0.180	326.4	19.7	0.066	50676	1798
AVRGE	8.1	39.9	0.189	334.8	20.1	0.068	50553	1773

Daily SO2 4.0 Tons  
 Daily CO2 5601.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:42

Reporting Period  
 Day: 01/17/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.2	39.0	0.180	320.6	19.6	0.066	49524	1757
0100	8.2	40.3	0.190	334.8	19.2	0.065	50046	1776
0200	8.2	40.1	0.190	329.2	19.2	0.065	49458	1755
0300	8.2	39.3	0.180	323.4	19.4	0.065	49572	1759
0400	8.1	39.0	0.180	326.4	19.8	0.067	50418	1767
0500	8.1	38.8	0.180	322.1	20.3	0.069	50016	1753
0600	8.1	39.0	0.180	326.6	20.3	0.069	50454	1769
0700	8.1	39.2	0.190	328.5	20.4	0.069	50490	1770
0800	8.1	38.9	0.180	322.0	20.6	0.070	49866	1748
0900	8.1	38.8	0.180	328.2	21.0	0.072	50964	1787
1000	8.1	39.6	0.190	338.7	21.7	0.074	51528	1806
1100	5.0	7.9	0.060	51.3	46.1	0.254	39102	846
1200	4.7	6.1	0.030	38.0	41.5	0.150	37554	1242
1300	4.7	6.0	0.030	37.5	41.6	0.150	37650	1246
1400	6.0	20.1	0.130	125.6	41.9	0.193	37644	977
1500	7.9	36.7	0.180	283.6	19.7	0.069	46548	1591
1600	8.0	41.0	0.200	344.7	19.3	0.067	50652	1754
1700	7.9	35.2	0.170	287.5	19.7	0.069	49200	1682
1800	7.9	33.4	0.160	273.3	22.3	0.078	49296	1685
1900	8.0	34.1	0.160	279.3	23.1	0.080	49344	1708
2000	8.0	35.4	0.170	290.2	21.6	0.074	49380	1710
2100	8.0	35.4	0.170	290.5	21.4	0.074	49428	1711
2200	8.0	35.3	0.170	291.0	21.4	0.074	49662	1719
2300	8.0	36.0	0.170	297.1	21.2	0.073	49716	1721
AVRGE	7.6	33.1	0.159	270.4	24.3	0.090	47813	1627

Daily SO2 3.2 Tons  
 Daily CO2 5015.9 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:48

Reporting Period  
 Day: 01/18/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	36.8	0.180	306.7	20.8	0.072	50202	1738
0100	8.1	37.4	0.180	315.8	20.8	0.071	50874	1783
0200	8.0	37.6	0.180	320.5	20.4	0.070	51348	1778
0300	8.1	39.1	0.190	332.9	19.7	0.067	51294	1798
0400	8.1	39.7	0.190	336.1	19.3	0.066	51006	1788
0500	8.1	39.8	0.190	337.4	18.8	0.064	51066	1790
0600	8.1	39.8	0.190	335.9	19.0	0.065	50838	1782
0700	8.1	39.5	0.190	330.1	18.9	0.064	50340	1765
0800	8.1	40.2	0.190	337.7	19.3	0.066	50610	1774
0900	8.1	40.3	0.190	340.0	19.0	0.065	50820	1782
1000	8.0	40.5	0.190	344.2	18.6	0.064	51192	1772
1100	8.0	38.9	0.190	323.1	19.6	0.068	50040	1732
1200	8.0	38.0	0.180	317.9	20.8	0.072	50394	1745
1300	8.0	37.4	0.180	320.8	21.9	0.076	51672	1789
1400	8.0	37.0	0.180	316.2	22.4	0.077	51480	1782
1500	8.0	38.4	0.180	329.0	21.8	0.075	51606	1787
1600	8.0	39.2	0.190	335.3	20.9	0.072	51534	1784
1700	8.0	38.0	0.180	321.1	20.5	0.071	50910	1763
1800	8.0	37.0	0.180	311.3	21.0	0.072	50688	1755
1900	8.0	35.8	0.170	301.2	22.1	0.076	50682	1755
2000	8.0	35.7	0.170	297.6	23.4	0.081	50214	1739
2100	8.0	38.5	0.180	327.0	22.6	0.078	51168	1772
2200	8.1	42.4	0.200	360.2	21.4	0.073	51180	1794
2300	8.1	44.9	0.210	389.3	20.3	0.069	52230	1831
AVRGE	8.0	38.8	0.185	328.6	20.6	0.071	50975	1775

Daily SO2 3.9 Tons  
 Daily CO2 5607.4 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:27:54

Reporting Period  
 Day: 01/19/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	45.8	0.220	393.2	19.4	0.067	51714	1790
0100	8.0	44.7	0.210	380.3	19.7	0.068	51246	1774
0200	8.0	44.3	0.210	374.6	20.1	0.069	50934	1763
0300	8.1	44.6	0.210	378.2	20.6	0.070	51084	1791
0400	8.1	44.9	0.210	383.1	21.3	0.073	51402	1802
0500	8.1	46.9	0.220	398.7	20.8	0.071	51210	1795
0600	8.0	46.6	0.220	396.2	20.0	0.069	51216	1773
0700	8.0	45.8	0.220	393.8	19.8	0.068	51798	1793
0800	8.1	44.7	0.210	376.3	19.9	0.068	50718	1778
0900	8.0	43.4	0.210	368.7	20.0	0.069	51180	1772
1000	8.0	40.7	0.190	342.8	20.7	0.071	50742	1757
1100	7.9	37.8	0.180	316.4	21.9	0.076	50424	1724
1200	7.8	37.8	0.190	320.5	21.9	0.077	51078	1724
1300	7.8	35.3	0.170	291.1	21.3	0.075	49680	1677
1400	7.8	34.7	0.170	284.1	22.0	0.078	49326	1665
1500	7.8	34.0	0.170	278.5	22.7	0.080	49338	1665
1600	7.9	35.6	0.170	295.9	23.2	0.081	50064	1712
1700	7.9	37.1	0.180	308.1	22.0	0.077	50034	1711
1800	7.9	38.3	0.190	322.7	21.9	0.076	50754	1735
1900	8.0	40.5	0.190	343.0	21.3	0.073	51012	1766
2000	8.0	42.7	0.200	363.9	19.6	0.068	51336	1777
2100	8.0	41.5	0.200	345.9	18.8	0.065	50214	1739
2200	8.0	39.2	0.190	324.4	19.0	0.066	49854	1726
2300	8.0	37.3	0.180	305.1	19.8	0.068	49272	1706
AVRGE	8.0	41.0	0.196	345.2	20.7	0.072	50651	1747

Daily SO2 4.1 Tons  
 Daily CO2 5520.8 Tons

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

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 Polk Station  
 HRSG  
 Tampa  
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Today's Date: 01/21/2002  
 Time: 11:28:01

Reporting Period  
 Day: 01/20/2002

DAILY EPA CEM SUMMARY

Time	CO2 %	SO2 ppm	SO2 lb/mmBtu	SO2 lb/hr	NOX ppm	NOX lb/mmBtu	FLOW kscfh	Ht Inp mmBtu
0000	8.0	36.7	0.180	303.3	20.3	0.070	49788	1724
0100	8.0	36.7	0.180	306.2	20.4	0.070	50256	1740
0200	8.0	35.6	0.170	295.0	20.9	0.072	49920	1728
0300	7.9	34.2	0.170	283.8	22.0	0.077	49998	1709
0400	7.9	34.4	0.170	286.1	22.7	0.079	50100	1713
0500	7.9	34.9	0.170	295.0	22.8	0.080	50916	1741
0600	7.9	34.9	0.170	296.3	22.9	0.080C	51150C	1749
0700	7.9	34.7	0.170	293.1	23.5	0.082	50886	1740
0800	7.8	35.8	0.180	302.8	23.5	0.083	50958	1720
0900	7.9	35.2	0.170	297.6	23.7	0.083	50928	1741
1000	7.8	35.7	0.180	307.0	23.6	0.083	51810	1749
1100	7.8	37.0	0.180	319.7	23.7	0.084	52044	1757
1200	7.8	36.0	0.180	306.8	24.2	0.086	51336	1733
1300	7.9	36.5	0.180	310.9	24.0	0.084	51318	1755
1400	7.9	36.5	0.180	309.7	23.4	0.082	51120	1748
1500	7.9	38.4	0.190	327.2	22.5	0.079	51324	1755
1600	7.9	39.0	0.190	330.2	21.7	0.076	51000	1744
1700	7.9	37.6	0.180	311.6	22.1	0.077	49926	1707
1800	8.0	37.9	0.180	316.3	23.2	0.080	50268	1740
1900	8.0	39.1	0.190	328.6	23.6	0.081	50634	1753
2000	8.0	39.4	0.190	331.9	23.1	0.080	50742	1757
2100	8.0	38.6	0.190	322.3	23.0	0.079	50304	1742
2200	8.0	37.7	0.180	316.7	23.3	0.080	50604	1752
2300	7.9	36.8	0.180	312.4	24.0	0.084	51138	1748
AVRGE	7.9	36.6	0.179	308.8	22.8	0.080	50770	1740

Daily SO2 3.7 Tons  
 Daily CO2 5497.9 Tons

Legend

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

**D-2 QUARTERLY CEMS EMISSION REPORT**

POLK COUNTY QUARTERLY EMISSION REPORT  
 HRSG

DATE	So2	30-DAY Oil (lbs)	30-DAY Gas (lbs)	Daily Oil (lbs)	Daily Gas (lbs)	Hours Boiler
12/01/2001		33.8	234.7	0.0	234.7	24
12/02/2001		33.8	236.1	0.0	272.1	24
12/03/2001		33.8	235.1	0.0	206.7	24
12/04/2001		34.7	230.4	45.7	162.7	24
12/05/2001		34.3	230.4	22.6	0.0	2
12/06/2001		33.9	230.4	21.3	0.0	5
12/07/2001		33.8	234.2	28.6	445.0	24
12/08/2001		33.8	242.4	0.0	475.3	24
12/09/2001		33.8	244.7	0.0	305.9	24
12/10/2001		33.8	245.7	0.0	187.9	24
12/11/2001		33.8	244.3	0.0	204.9	24
12/12/2001		33.8	243.1	0.0	214.9	24
12/13/2001		33.8	242.5	0.0	208.3	24
12/14/2001		34.0	237.9	34.4	124.1	21
12/15/2001		33.4	237.7	26.4	283.1	20
12/16/2001		33.4	239.8	0.0	310.7	24
12/17/2001		33.4	243.8	0.0	318.2	24
12/18/2001		33.4	247.6	0.0	307.3	24
12/19/2001		33.4	254.0	0.0	300.1	24
12/20/2001		33.4	255.3	0.0	270.9	24
12/21/2001		33.4	255.5	0.0	232.1	24
12/22/2001		33.4	258.2	0.0	260.5	24
12/23/2001		33.4	261.6	0.0	238.5	24
12/24/2001		33.4	262.6	0.0	277.3	24
12/25/2001		33.1	261.9	31.2	272.2	23
12/26/2001		32.8	267.1	41.2	416.0	24
12/27/2001		32.8	269.9	0.0	364.7	24
12/28/2001		32.8	271.6	0.0	319.8	24
12/29/2001		32.8	269.6	0.0	262.9	24
12/30/2001		32.8	270.3	0.0	230.7	24
12/31/2001		32.8	273.3	0.0	231.5	24

POLK COUNTY QUARTERLY EMISSION REPORT  
 HRSG

DATE	Nox	30-DAY Oil (lbs)	30-DAY Gas (lbs)	Daily Oil (lbs)	Daily Gas (lbs)	Hours Boiler
12/01/2001		160.3	118.9	0.0	182.9	24
12/02/2001		160.3	121.0	0.0	174.4	24
12/03/2001		160.3	122.8	0.0	168.1	24
12/04/2001		163.7	124.8	207.2	174.4	24
12/05/2001		162.3	124.8	121.4	0.0	2
12/06/2001		161.8	124.8	136.8	0.0	5
12/07/2001		162.1	125.2	151.9	128.8	24
12/08/2001		162.1	125.5	0.0	129.2	24
12/09/2001		162.1	125.1	0.0	106.1	24
12/10/2001		162.1	125.7	0.0	118.0	24
12/11/2001		162.1	126.1	0.0	128.6	24
12/12/2001		162.1	126.9	0.0	138.9	24
12/13/2001		162.1	128.5	0.0	159.2	24
12/14/2001		162.8	129.9	170.0	142.1	21
12/15/2001		162.2	131.6	156.1	150.5	20
12/16/2001		162.2	132.2	0.0	130.2	24
12/17/2001		162.2	132.8	0.0	127.1	24
12/18/2001		162.2	133.8	0.0	137.6	24
12/19/2001		162.2	135.0	0.0	142.3	24
12/20/2001		162.2	135.6	0.0	128.2	24
12/21/2001		162.2	136.7	0.0	140.7	24
12/22/2001		162.2	137.6	0.0	133.9	24
12/23/2001		162.2	138.6	0.0	134.5	24
12/24/2001		162.2	139.2	0.0	137.7	24
12/25/2001		164.0	139.3	201.8	115.9	23
12/26/2001		165.3	139.4	203.6	116.4	24
12/27/2001		165.3	139.5	0.0	109.3	24
12/28/2001		165.3	139.6	0.0	116.3	24
12/29/2001		165.3	139.9	0.0	126.0	24
12/30/2001		165.3	140.0	0.0	142.6	24
12/31/2001		165.3	137.8	0.0	121.9	24



**D-3 CONTINUOUS EMISSIONS RELATIVE  
ACCURACY TEST AUDIT RESULTS 2001**

MONITORING DATA CHECKING SOFTWARE 3.3  
 RATA REPORT (RT 610/611)

10/16/2001  
 PAGE 3

ORIS Code: 7242 Facility: POLK STATION State: FL  
 Unit/Stack ID: \*\*1 System ID: 111 Parameter: SO2  
 Test End Date/Time: 08/23/2001 0528 Test No.: 1 # of Loads: 1 Units of Measure: PPM  
 Reason for Test: Q  
 Performance Spec: <= 10.0% Next RATA: Four Op Qtrs  
 Recalc. Results: Pass % RA: 3.66 Mean Diff: 1.200 BAF: 1.027  
 Reported Results: Pass % RA: 3.66 Mean Diff: 1.200 BAF: 1.027

Operating Level: H

Run	Start Date	Start Time	End Date	End Time	Run Status	Reference Method	Monitoring Value	Gross Load
1	08/22/2001	2317	08/22/2001	2338	1	47.100	45.133	172
2	08/23/2001	0008	08/23/2001	0029	1	47.100	45.149	173
3	08/23/2001	0051	08/23/2001	0112	1	58.100	57.118	172
4	08/23/2001	0135	08/23/2001	0156	1	53.000	52.572	172
5	08/23/2001	0220	08/23/2001	0241	1	47.600	45.734	172
6	08/23/2001	0306	08/23/2001	0327	1	45.600	44.085	172
7	08/23/2001	0347	08/23/2001	0408	1	43.600	43.270	172
8	08/23/2001	0427	08/23/2001	0448	1	43.200	42.423	173
9	08/23/2001	0507	08/23/2001	0528	1	42.600	41.207	172

Summary Statistics	Reported	Recalculated
Mean of Monitoring System	46.300	46.300
Mean of Reference Method Values	47.500	47.500
Mean of Difference	1.200	1.200
Standard Deviation of Difference	0.642	0.642
Confidence Coefficient	0.493	0.493
T-Value	2.306	2.306
Relative Accuracy:	3.66	3.66
Bias Adjustment Factor	1.027	1.027
APS Flag	0	0
Indicator of Normal Load	N	N
Gross Unit Load	172	172
Reference Method Used	6C	

MONITORING DATA CHECKING SOFTWARE 3.3  
 RATA REPORT (RT 610/611)

10/16/2001  
 PAGE 5

ORIS Code: 7242 Facility: POLK STATION State: FL  
 Unit/Stack ID: \*\*1 System ID: 113 Parameter: NOX  
 Test End Date/Time: 08/23/2001 0528 Test No.: 1 # of Loads: 1 Units of Measure: LB/MMBTU  
 Reason for Test: Q  
 Performance Spec: <= 10.0% Next RATA: Four Op Qtrs  
 Recalc. Results: Pass-APS % RA: 7.83 Mean Diff: -0.004 BAF: 1.000  
 Reported Results: Pass-APS % RA: 7.83 Mean Diff: -0.004 BAF: 1.000

Operating Level: H

Run	Start Date	Start Time	End Date	End Time	Run Status	Reference Method	Monitoring Value	Gross Load
1	08/22/2001	2317	08/22/2001	2338	1	0.068	0.076	172
2	08/23/2001	0008	08/23/2001	0029	1	0.070	0.076	173
3	08/23/2001	0051	08/23/2001	0112	1	0.061	0.066	172
4	08/23/2001	0135	08/23/2001	0156	1	0.063	0.067	172
5	08/23/2001	0220	08/23/2001	0241	1	0.068	0.071	172
6	08/23/2001	0306	08/23/2001	0327	1	0.072	0.074	172
7	08/23/2001	0347	08/23/2001	0408	1	0.072	0.074	172
8	08/23/2001	0427	08/23/2001	0448	1	0.074	0.075	173
9	08/23/2001	0507	08/23/2001	0528	1	0.073	0.074	172

Summary Statistics	Reported	Recalculated
Mean of Monitoring System	0.073	0.073
Mean of Reference Method Values	0.069	0.069
Mean of Difference	-0.004	-0.004
Standard Deviation of Difference	0.002	0.002
Confidence Coefficient	0.002	0.002
T-Value	2.306	2.306
Relative Accuracy:	7.83	7.83
Bias Adjustment Factor	1.000	1.000
APS Flag	1	1
Indicator of Normal Load	N	N
Gross Unit Load	172	172
Reference Method Used	7E, 3A	

MONITORING DATA CHECKING SOFTWARE 3.3  
 RATA REPORT (RT 610/611)

10/16/2001  
 PAGE 7

ORIS Code: 7242 Facility: POLK STATION State: FL  
 Unit/Stack ID: \*\*1 System ID: 115 Parameter: CO2  
 Test End Date/Time: 08/23/2001 0528 Test No.: 1 # of Loads: 1 Units of Measure: % CO2  
 Reason for Test: Q  
 Performance Spec: <= 10.0% Next RATA: Four Op Qtrs  
 Recalc. Results: Pass % RA: 5.61 Mean Diff: 0.341 BAF: 1.000  
 Reported Results: Pass % RA: 5.61 Mean Diff: 0.341 BAF: 1.000

Operating Level: H								
Run	Start Date	Start Time	End Date	End Time	Run Status	Reference Method	Monitoring Value	Gross Load
1	08/22/2001	2317	08/22/2001	2338	1	8.030	7.468	172
2	08/23/2001	0008	08/23/2001	0029	1	7.930	7.471	173
3	08/23/2001	0051	08/23/2001	0112	1	8.070	7.831	172
4	08/23/2001	0135	08/23/2001	0156	1	7.960	7.756	172
5	08/23/2001	0220	08/23/2001	0241	1	7.930	7.489	172
6	08/23/2001	0306	08/23/2001	0327	1	7.890	7.499	172
7	08/23/2001	0347	08/23/2001	0408	1	7.860	7.697	172
8	08/23/2001	0427	08/23/2001	0448	1	7.870	7.631	173
9	08/23/2001	0507	08/23/2001	0528	1	7.850	7.479	172

Summary Statistics	Reported	Recalculated
Mean of Monitoring System	7.591	7.591
Mean of Reference Method Values	7.932	7.932
Mean of Difference	0.341	0.341
Standard Deviation of Difference	0.136	0.136
Confidence Coefficient	0.104	0.104
T-Value	2.306	2.306
Relative Accuracy:	5.61	5.61
Bias Adjustment Factor	1.000	1.000
APS Flag	0	0
Indicator of Normal Load	N	N
Gross Unit Load	172	172
Reference Method Used	3A	

MONITORING DATA CHECKING SOFTWARE 3.3  
 RATA REPORT (RT 610/611)

10/16/2001  
 PAGE 9

ORIS Code:	7242	Facility:	POLK STATION	State:	FL
Unit/Stack ID:	**1	System ID:	117	Parameter:	FLOW
Test End Date/Time:	08/22/2001 0213	Test No.:	1	# of Loads:	3
Reason for Test:	QD			Units of Measure:	SCFH
Performance Spec:	<= 10.0% after 12/31/1999			Next RATA:	Four Op Qtrs
Recalc. Results:	Pass	Highest % RA:	4.57	Multi-Load BAF:	1.000
Reported Results:	Pass	Highest % RA:	4.57	Multi-Load BAF:	1.000

Operating Level: H

Run	Start Date	Start Time	End Date	End Time	Run Status	Reference Method	Monitoring Value	Gross Load
1	08/21/2001	2229	08/21/2001	2254	1	47056000.000	48791000.000	172
2	08/21/2001	2303	08/21/2001	2332	1	46793000.000	47789000.000	172
3	08/21/2001	2333	08/21/2001	2356	1	46664000.000	48074000.000	172
4	08/22/2001	0009	08/22/2001	0025	1	46246000.000	48404000.000	173
5	08/22/2001	0026	08/22/2001	0039	1	46455000.000	48569000.000	172
6	08/22/2001	0040	08/22/2001	0051	1	46565000.000	48829000.000	173
7	08/22/2001	0052	08/22/2001	0104	0	46021000.000	48890000.000	172
8	08/22/2001	0105	08/22/2001	0120	1	46432000.000	47908000.000	172
9	08/22/2001	0121	08/22/2001	0133	1	46007000.000	47591000.000	173
10	08/22/2001	0134	08/22/2001	0147	0	45529000.000	49184000.000	173
11	08/22/2001	0148	08/22/2001	0201	1	45891000.000	48177000.000	172
12	08/22/2001	0202	08/22/2001	0213	0	45636000.000	48578000.000	172

Summary Statistics

Reported                  Recalculated

Mean of Monitoring System	48236889.000	48236889.000
Mean of Reference Method Values	46461889.000	46461889.000
Mean of Difference	-1775000.000	-1775000.000
Standard Deviation of Difference	450235.772	450235.772
Confidence Coefficient	346081.230	346081.230
T-Value	2.306	2.306
Relative Accuracy:	4.57	4.57
Bias Adjustment Factor	1.000	1.000
APS Flag	0	0

MONITORING DATA CHECKING SOFTWARE 3.3  
 RATA REPORT (RT 610/611)

10/16/2001  
 PAGE 10

ORIS Code:	7242	Facility:	POLK STATION	State:	FL
Unit/Stack ID:	**1	System ID:	117	Parameter:	FLOW
Test End Date/Time:	08/22/2001 0213	Test No.:	1	# of Loads:	3
Reason for Test:	QD			Units of Measure:	SCFH
Performance Spec:	<= 10.0% after 12/31/1999			Next RATA:	Four Op Qtrs
Recalc. Results:	Pass	Highest % RA:	4.57	Multi-Load BAF:	1.000
Reported Results:	Pass	Highest % RA:	4.57	Multi-Load BAF:	1.000

Operating Level: H

Summary Statistics	Reported	Recalculated
Indicator of Normal Load	N	N
Gross Unit Load	172	172
Reference Method Used	2F	

MONITORING DATA CHECKING SOFTWARE 3.3  
 RATA REPORT (RT 610/611)

10/16/2001  
 PAGE 11

ORIS Code: 7242 Facility: POLK STATION State: FL  
 Unit/Stack ID: \*\*1 System ID: 117 Parameter: FLOW  
 Test End Date/Time: 08/22/2001 0213 Test No.: 1 # of Loads: 3 Units of Measure: SCFH  
 Reason for Test: QD  
 Performance Spec: <= 10.0% after 12/31/1999 Next RATA: Four Op Qtrs  
 Recalc. Results: Pass Highest % RA: 4.57 Multi-Load BAF: 1.000  
 Reported Results: Pass Highest % RA: 4.57 Multi-Load BAF: 1.000

Operating Level: L

Run	Start Date	Start Time	End Date	End Time	Run Status	Reference Method	Monitoring Value	Gross Load
1	08/20/2001	2147	08/20/2001	2210	1	41277000.000	41388000.000	140
2	08/20/2001	2212	08/20/2001	2229	1	41396000.000	40889000.000	139
3	08/20/2001	2232	08/20/2001	2249	1	40653000.000	41217000.000	139
4	08/20/2001	2250	08/20/2001	2303	1	40740000.000	41286000.000	139
5	08/20/2001	2326	08/20/2001	2343	1	40945000.000	41992000.000	140
6	08/20/2001	2345	08/21/2001	0001	1	41309000.000	40786000.000	140
7	08/21/2001	0003	08/21/2001	0020	1	41512000.000	41783000.000	140
8	08/21/2001	0024	08/21/2001	0040	1	41414000.000	41285000.000	140
9	08/21/2001	0041	08/21/2001	0056	1	40951000.000	41440000.000	140

Summary Statistics

	Reported	Recalculated
Mean of Monitoring System	41340667.000	41340667.000
Mean of Reference Method Values	41141111.000	41141111.000
Mean of Difference	-199556.000	-199556.000
Standard Deviation of Difference	522017.028	522017.028
Confidence Coefficient	401257.089	401257.089
T-Value	2.306	2.306
Relative Accuracy:	1.46	1.46
Bias Adjustment Factor	1.000	1.000
APS Flag	0	0
Indicator of Normal Load		
Gross Unit Load	140	140
Reference Method Used	2F	

MONITORING DATA CHECKING SOFTWARE 3.3  
 RATA REPORT (RT 610/611)

10/16/2001  
 PAGE 12

ORIS Code: 7242 Facility: POLK STATION State: FL  
 Unit/Stack ID: \*\*1 System ID: 117 Parameter: FLOW  
 Test End Date/Time: 08/22/2001 0213 Test No.: 1 # of Loads: 3 Units of Measure: SCFH  
 Reason for Test: QD  
 Performance Spec: <= 10.0% after 12/31/1999 Next RATA: Four Op Qtrs  
 Recalc. Results: Pass Highest % RA: 4.57 Multi-Load BAF: 1.000  
 Reported Results: Pass Highest % RA: 4.57 Multi-Load BAF: 1.000

Operating Level: M

Run	Start Date	Start Time	End Date	End Time	Run Status	Reference Method	Monitoring Value	Gross Load
1	08/21/2001	0239	08/21/2001	0258	1	43781000.000	44507000.000	155
2	08/21/2001	0302	08/21/2001	0316	1	43426000.000	45535000.000	155
3	08/21/2001	0319	08/21/2001	0337	1	43458000.000	43592000.000	155
4	08/21/2001	0351	08/21/2001	0404	1	43243000.000	44559000.000	155
5	08/21/2001	0405	08/21/2001	0417	1	42707000.000	43405000.000	154
6	08/21/2001	0418	08/21/2001	0430	1	43128000.000	43697000.000	155
7	08/21/2001	0431	08/21/2001	0444	1	42784000.000	44300000.000	155
8	08/21/2001	0454	08/21/2001	0514	1	43884000.000	45684000.000	154
9	08/21/2001	0516	08/21/2001	0532	1	44079000.000	45129000.000	154

Summary Statistics

Reported Recalculated

Mean of Monitoring System	44489778.000	44489778.000
Mean of Reference Method Values	43395222.000	43395222.000
Mean of Difference	-1094556.000	-1094556.000
Standard Deviation of Difference	634526.026	634526.026
Confidence Coefficient	487739.005	487739.005
T-Value	2.306	2.306
Relative Accuracy:	3.65	3.65
Bias Adjustment Factor	1.000	1.000
APS Flag	0	0
Indicator of Normal Load	N	N
Gross Unit Load	155	155
Reference Method Used	2F	



**D-4 CONTINUOUS EMISSION MONITOR QUALITY ASSURANCE  
LINEARITY CHECKS, QUARTER 4, 2001**

Polk Station - HRSG

Start Date: \_\_\_\_\_ Time: \_\_\_\_\_  
End Date: \_\_\_\_\_ Time: \_\_\_\_\_

Analyzer SO2	LOW	MID	HIGH
REF GAS VALUE	25.600	55.970	86.930
DATE 1, TIME 1	11/27/2001 11:53	11/27/2001 12:01	11/27/2001 12:11
RUN 1	23.300	53.900	83.600
DATE 2, TIME 2	11/27/2001 12:21	11/27/2001 12:29	11/27/2001 12:37
RUN 2	24.600	54.600	84.800
DATE 3, TIME 3	11/27/2001 12:47	11/27/2001 12:55	11/27/2001 13:03
RUN 3	24.700	54.900	86.400
AVERAGE=SUM/3	24.200	54.467	84.933
% Error (Eqn A-4)	5.5	2.7	2.3
APS Error (R-A)	1.4	1.5	2.0
Final Value, *=APS	1.4 *	2.7	2.3
OUT OF CONTROL	NO	NO	NO
SERIAL NUMBER	AAL-5728	ALM 045236	ALM 057619
EXPIRATION DATE	03/14/2002	03/03/2002	11/10/2002

Analyzer NOX	LOW	MID	HIGH
REF GAS VALUE	24.700	54.030	88.270
DATE 1, TIME 1	11/27/2001 11:53	11/27/2001 12:01	11/27/2001 12:11
RUN 1	24.900	54.500	87.500
DATE 2, TIME 2	11/27/2001 12:21	11/27/2001 12:29	11/27/2001 12:37
RUN 2	24.900	54.400	87.000
DATE 3, TIME 3	11/27/2001 12:47	11/27/2001 12:55	11/27/2001 13:03
RUN 3	25.100	54.600	87.800
AVERAGE=SUM/3	24.967	54.500	87.433
% Error (Eqn A-4)	1.1	0.9	0.9
APS Error (R-A)	0.3	0.5	0.8
Final Value, *=APS	1.1	0.9	0.9
OUT OF CONTROL	NO	NO	NO
SERIAL NUMBER	AAL-5728	ALM 045236	ALM 057619
EXPIRATION DATE	03/14/2002	03/03/2002	11/10/2002

Analyzer CO2	LOW	MID	HIGH
REF GAS VALUE	3.520	7.720	12.680
DATE 1, TIME 1	11/27/2001 11:53	11/27/2001 12:01	11/27/2001 12:11
RUN 1	3.600	7.700	12.300
DATE 2, TIME 2	11/27/2001 12:21	11/27/2001 12:29	11/27/2001 12:37
RUN 2	3.600	7.700	12.300
DATE 3, TIME 3	11/27/2001 12:47	11/27/2001 12:55	11/27/2001 13:03
RUN 3	3.600	7.700	12.300
AVERAGE=SUM/3	3.600	7.700	12.300
% Error (Eqn A-4)	2.3	0.3	3.0
APS Error (R-A)	0.1	0.0	0.4
Final Value, *=APS	2.3	0.3	3.0
OUT OF CONTROL	NO	NO	NO
SERIAL NUMBER	AAL-5728	ALM 045236	ALM 057619
EXPIRATION DATE	03/14/2002	03/03/2002	11/10/2002

Signature: \_\_\_\_\_

**APPENDIX E**

**FUEL ANALYSIS**



**Commercial Testing & Engineering Co.**

January 16, 2002

1212 N. 39th Street  
 Suite 323  
 Tampa, FL 33605  
 Tel: (813) 248-6566  
 Fax: (813) 247-2562

**TAMPA ELECTRIC COMPANY**  
 6010 Causeway Blvd.  
 Tampa, FL 33819

**CERTIFICATE OF ANALYSIS**

RE: SUBMITTED SAMPLES  
 PRODUCT: SAID TO BE NATURAL GAS  
 SUBMITTED BY: TECO ON 12/20/01  
 SAMPLES MARKED: POLK POWER STATION - PETCOKE COMPLIANCE UNIT #1  
                             SAMPLE # 1 DTD 12-19-01 (A)  
                             SAMPLE # 2 DTD 12-19-01 (B)  
 YOUR REF.: P.O. NO. E-N97143  
 OUR REF: 08-5405

**COMPONENTS, MOLE %**

**RESULTS**

<u>TEST</u>	(A)	(B)
METHANE	0.075	0.077
ETHANE	ND	ND
PROPANE	ND	ND
I-BUTANE	ND	ND
N-BUTANE	ND	ND
NEO-PENTANE	ND	ND
I-PENTANE	ND	ND
N-PENTANE	ND	ND
N-HEXANES	ND	ND
N-HEPTANES	ND	ND
N-OCTANES	ND	ND
N-NONANES	ND	ND
N-DECANES	ND	ND
HENDECANES	ND	ND
DODECANES	ND	ND
TRIDECANES	ND	ND
TETRADECANES	ND	ND
HYDROGEN	30.759	30.72459
NITROGEN	3.29921	3.33968
OXYGEN	1.10275	1.10036
ARGON	ND	ND
CARBON DIOXIDE	15.62520	15.64248
CARBON MONOXIDE	48.82253	48.69964
METHANOL	ND	ND
HELIUM	ND	ND
WATER	ND	ND
HYDROGEN SULFIDE, ppm	2,628.6	3,732.1
TOTAL SULFUR, ppm	468.4	432.1



Member of the SGS Group (Société Générale de Surveillance)

ALL INSPECTIONS ARE CARRIED OUT TO THE BEST OF OUR KNOWLEDGE AND ABILITY AND OUR RESPONSIBILITY IS LIMITED TO THE EXERCISE OF REASONABLE CARE

TERMS AND CONDITIONS ON REVERSE



Commercial Testing & Engineering Co.

Page No: 2 of 2

TAMPA ELECTRIC COMPANY  
5010 Causeway Blvd.  
Tampa, FL 33619

CERTIFICATE OF ANALYSIS - 08-5405 (continued)

RESULTS

CALCULATED PROPERTIES

	(A)	(B)
RELATIVE DENSITY	0.7802	0.7811
<u>HEATING VALUE, BTU/cf, GROSS, 14.73 psia, 80 deg. F</u>		
SATURATED	255	255
HIGHER HEATING VALUE (DRY)	260	259
LOWER HEATING VALUE (NET)	244	244

ND = NOT DETECTED

\*\*Above results reported as Normalized Mole Percent.

COMMERCIAL TESTING & ENGINEERING CO.

Victoria A. Linde  
Operations Manager

VAL/ne



Member of the SGS Group (Société Générale de Surveillance)

ALL INSPECTIONS ARE CARRIED OUT TO THE BEST OF OUR KNOWLEDGE AND ABILITY AND OUR RESPONSIBILITY IS LIMITED TO THE EXERCISE OF REASONABLE CARE.

TERMS AND CONDITIONS ON REVERSE

**APPENDIX F**

**FIELD DATA SHEETS**

**F-1 SULFURIC ACID DATA SHEETS**

**F-2 ORSAT DATA SHEETS**

**F-1 SULFURIC ACID DATA SHEETS**

Sulfuric Acid Mist Field Data Form

Plant POLK POWER STATION  
 Location Unit #1  
 Date 12-19-01  
 Method No. USEPA METHOD 8  
 Run No. 2  
 Box Operator AMB  
 Probe Operator JAV / JFR  
 Time - Start 11:04 End: 12:10  
 Sampling Time 60 MIN  
 Min. \ Pt 2.5  
 Meter Box No. #6  
 Stack Area Ft.<sup>2</sup> 283.529  
 Meter Cal. (ΔH) 1.15 / 0.994  
 Meter Cal. (ΔY) 100 / 0.994

Nozzle I.D. No. #E17  
 Nozzle Diameter 0.204  
 Pitot Tube No. AD00227 00124  
 Pitot Tube (C<sub>p</sub>) 0.84  
 Probe Length 12 FT  
 Probe Liner Material PYARK  
 Probe Heater Setting 250 °F  
 Pressure Pb (Hg): 29.70 Pg (H<sub>2</sub>O): -1.0 Ps (Hg): 29.63  
 Ambient Temperature 68 °F  
 Assumed Moisture (%) 6.5 %  
 Filter Holder No. NA  
 Comments W/VOY / COOL  
Imp #1 / 68 Imp #2 / 48 Imp #3 / 118

Dry Gas Meter Volume  
 Final 100.780 FL<sup>3</sup>  
 Initial 58.714 FL<sup>3</sup>  
 Net 42.066 FL<sup>3</sup>

Equipment Leak Checks  
 Initial 0.000 CFM @ 15 "Hg  
 Final 0.000 CFM @ 6 "H<sub>2</sub>O  
 Pitot Tube OK @ 4.8 "H<sub>2</sub>O

Moisture Determination  
 Impinger 34 ml  
 Silica Gel 18.1 gm  
 Total 52.1

O<sub>2</sub> = 11.7% CO<sub>2</sub> = 7.7%

Traverse Point No.	Clock Time	Gas Sample Volume (FL <sup>3</sup> )	ΔP (In. H <sub>2</sub> O)	ΔH (In. H <sub>2</sub> O)	Probe Temp. (°F)	Stack Temp. Ts (°F)	Meter Temp. (°F)	Orbital Temp. Tm (°F)	Last Imp. Temp. (°F)	Vacuum (In. Hg)
<u>H-041</u>	<u>11:04</u>	<u>60.5</u>	<u>1.40</u>	<u>1.55</u>	<u>225</u>	<u>328</u>	<u>79</u>	<u>256</u>	<u>56</u>	<u>6</u>
<u>2</u>		<u>62.3</u>	<u>1.40</u>	<u>1.55</u>	<u>228</u>	<u>327</u>	<u>80</u>	<u>256</u>	<u>56</u>	<u>6</u>
<u>3</u>		<u>64.1</u>	<u>1.45</u>	<u>1.60</u>	<u>223</u>	<u>327</u>	<u>82</u>	<u>258</u>	<u>60</u>	<u>6</u>
<u>4</u>		<u>65.9</u>	<u>1.50</u>	<u>1.66</u>	<u>220</u>	<u>328</u>	<u>81</u>	<u>256</u>	<u>60</u>	<u>6</u>
<u>5</u>		<u>67.7</u>	<u>1.50</u>	<u>1.66</u>	<u>223</u>	<u>327</u>	<u>81</u>	<u>257</u>	<u>60</u>	<u>1086</u>
<u>6</u>	<u>11:19</u> <u>24 RP</u>	<u>69.4</u>	<u>1.30</u>	<u>1.44</u>	<u>221</u>	<u>327</u>	<u>81</u>	<u>258</u>	<u>61</u>	<u>5</u>
<u>1</u>	<u>11:21</u>	<u>71.2</u>	<u>1.40</u>	<u>1.55</u>	<u>205</u>	<u>329</u>	<u>79</u>	<u>256</u>	<u>60</u>	<u>6</u>
<u>2</u>		<u>72.9</u>	<u>1.35</u>	<u>1.49</u>	<u>204</u>	<u>329</u>	<u>80</u>	<u>257</u>	<u>61</u>	<u>6</u>
<u>3</u>		<u>74.7</u>	<u>1.40</u>	<u>1.55</u>	<u>200</u>	<u>329</u>	<u>80</u>	<u>257</u>	<u>62</u>	<u>6</u>
<u>4</u>		<u>76.4</u>	<u>1.40</u>	<u>1.55</u>	<u>199</u>	<u>329</u>	<u>81</u>	<u>259</u>	<u>62</u>	<u>6</u>
<u>5</u>		<u>78.2</u>	<u>1.50</u>	<u>1.66</u>	<u>197</u>	<u>329</u>	<u>81</u>	<u>256</u>	<u>63</u>	<u>6</u>
<u>6</u>	<u>11:36</u>	<u>79.9</u>	<u>1.25</u>	<u>1.38</u>	<u>195</u>	<u>328</u>	<u>81</u>	<u>257</u>	<u>64</u>	<u>5</u>



Sulfuric Acid Mist Field Data Form (Continued)

Traverse Point No.	Clock Time	Gas Sample Volume (Ft <sup>3</sup> )	$\Delta P$ (In. H <sub>2</sub> O)	$\Delta H$ (In. H <sub>2</sub> O)	Probe Temp. (°F)	Stack Temp. Ts (°F)	Meter Temp. (°F)	Barometric Temp. Tm (°F)	Last Imp. Temp. (°F)	Vacuum (In. Hg)
1	11:38	81.6	1.25	1.38	201	329	80	258	61	5
2		83.4	1.30	1.44	202	329	80	259	61	6
3		85.1	1.30	1.44	204	329	80	258	62	6
4		86.8	1.30	1.44	203	329	80	260	63	6
5		88.5	1.35	1.49	207	329	80	256	64	6
6	11:53	90.2	1.30	1.44	205	328	80	258	65	6
...										
1	11:55	92.0	1.35	1.49	198	328	79	256	61	6
2		93.7	1.35	1.49	196	329	79	258	62	6
3		95.4	1.35	1.49	194	330	79	255	64	6
4		97.2	1.40	1.55	199	330	80	259	65	6
5		99.0	1.50	1.66	198	330	81	257	65	6
6	12:10	100.780	1.30	1.44	197	330	81	259	65	6

Sulfuric Acid Mist Field Data Form

Plant Rock Power Station  
 Location Unit #1  
 Date 12-19-01  
 Method No. USEPA METHOD 8  
 Run No. 3  
 Box Operator MA  
 Probe Operator SAU / JIA  
 Time - Start 12:48 End: 13:53  
 Sampling Time 60  
 Min. \ Pt 25  
 Meter Box No. #6  
 Stack Area Ft<sup>2</sup> 283.539  
 Meter Cal. (ΔH) AD 1.245 1.746  
 Meter Cal. (ΔY) X1001 0.994

Nozzle I.D. No. #47  
 Nozzle Diameter 0.1204  
 Pitot Tube No. 00124  
 Pitot Tube (C<sub>p</sub>) 0.84  
 Probe Length 12.0 FT  
 Probe Liner Material PVC  
 Probe Heater Setting 250 °F  
 Pressure Pb ("Hg): 29.70 Pg ("H<sub>2</sub>O): -1.0 Ps ("Hg): 29.63  
 Ambient Temperature 70 °F  
 Assumed Moisture (%) 6.5%  
 Filter Holder No. MA  
 Comments CLEAR, WINDY + COOL  
Imp #1 104 Imp #2 142 Imp #3 126

Dry Gas Meter Volume  
 Final 151.492 Ft<sup>3</sup>  
 Initial 109.944 Ft<sup>3</sup>  
 Net 42.048 Ft<sup>3</sup>  
 Equipment Leak Checks  
 Initial 0.000 CFM @ 15 "Hg  
 Final 0.000 CFM @ 8 "H<sub>2</sub>O  
 Pitot Tube OK @ 4.7 "H<sub>2</sub>O  
 Moisture Determination  
 Impinger 32 ml  
 Silica Gel 19.7 gm  
 Total 51.7

O<sub>2</sub> = 12.0% CO<sub>2</sub> = 8.0%

Traverse Point No.	Clock Time	Gas Sample Volume (Ft <sup>3</sup> )	ΔP (In. H <sub>2</sub> O)	ΔH (In. H <sub>2</sub> O)	Probe Temp. (°F)	Stack Temp. Ts (°F)	Meter Temp. (°F)	Umbilical Temp. Tm (°F)	Last Imp. Temp. (°F)	Vacuum (In. Hg)
1	12:48	111.2	1.30	1.44	196	326	79	260	60	7
2		113.0	1.30	1.44	195	330	80	256	59	7
3		114.7	1.30	1.44	192	330	81	255	58	7
4		116.4	1.30	1.44	195	329	81	257	56	7
5		118.1	1.35	1.49	194	329	81	254	56	7
6	13:03	119.9	1.35	1.49	190	329	81	254	56	7
1	13:05	121.6	1.35	1.49	200	329	80	257	53	7
2		123.3	1.30	1.44	199	329	81	256	55	7
3		125.1	1.40	1.55	198	329	81	255	54	7
4		126.8	1.40	1.55	199	330	81	256	56	7
5		128.6	1.30	1.44	199	329	82	256	57	7
6	13:20	130.3	1.30	1.44	199	330	82	257	57	7

## Sulfuric Acid Mist Field Data Form (Continued)

R04

Traverse Point No.	Clock Time	Gas Sample Volume (Ft <sup>3</sup> )	$\Delta P$ (In. H <sub>2</sub> O)	$\Delta H$ (In. H <sub>2</sub> O)	Probe Temp. (°F)	Stack Temp. Ts (°F)	Meter Temp. (°F)	Umbilical Temp. Tm (°F)	Last Imp. Temp. (°F)	Vacuum (In. Hg)
1	13:22	132.1	1.40	1.55	190	330	80	253	62	8
2		133.8	1.40	1.55	192	330	81	256	63	7
3		135.6	1.40	1.55	190	330	81	257	64	7
4		137.2	1.40	1.55	189	330	81	255	65	7
5		139.1	1.40	1.55	188	329	82	254	66	7
6	13:37	140.9	1.30	1.44	186	329	81	255	67	7
1	13:38	142.6	1.35	1.49	194	329	80	257	66	7
2		144.4	1.40	1.55	201	329	80	256	66	7
3		146.2	1.40	1.55	209	329	80	257	66	7
4		148.0	1.45	1.60	212	329	81	252	63	8
5		149.7	1.45	1.60	210	329	81	256	62	8
6	13:53	151.492	1.30	1.44	206	329	81	253	62	7

Sulfuric Acid Mist Field Data Form

Plant POLK POWDER STATION  
 Location UNIT #1  
 Date 12-19-01  
 Method No. METHOD 8  
 Run No. 4  
 Box Operator NAD  
 Probe Operator JAV / JFR  
 Time - Start 14:21 End: 15:27  
 Sampling Time 60  
 Min. \ Pt 2.5  
 Meter Box No. #6  
 Stack Area Ft<sup>2</sup> 283,529  
 Meter Cal. (ΔH) 1.748 1.746  
 Meter Cal. (ΔY) 1.601 0.994

Nozzle I.D. No. #47  
 Nozzle Diameter 0.204  
 Pitot Tube No. 00124  
 Pitot Tube (C<sub>p</sub>) 0.84  
 Probe Length 12.0 FT  
 Probe Liner Material PYRAF  
 Probe Heater Setting 250°F  
 Pressure Pb (Hg): 29.70 P<sub>g</sub> (H<sub>2</sub>O): -1.0 Ps (Hg): 29.63  
 Ambient Temperature 70°F  
 Assumed Moisture (%) 6.5%  
 Filter Holder No. MM  
 Comments CLEAN, COOL, WINDY  
Imp#1 67 Imp#2 140 Imp#3 120

Dry Gas Meter Volume  
 Final 199.139 FL<sup>3</sup>  
 Initial 157.383 FL<sup>3</sup>  
 Net 41.756 FL<sup>3</sup>

Equipment Leak Checks  
 Initial 0.000 CFM @ 15 "Hg  
 Final 0.000 CFM @ 7 "H<sub>2</sub>O  
 Pitot Tube OK @ 4.7 "H<sub>2</sub>O

Moisture Determination  
 Impinger 27 ml  
 Silica Gel 22.2 gm  
 Total 49.2

O<sub>2</sub> = 11.8% CO<sub>2</sub> = 7.7%

Traverse Point No.	Clock Time	Gas Sample Volume (Ft <sup>3</sup> )	Δ P (In. H <sub>2</sub> O)	Δ H (In. H <sub>2</sub> O)	Probe Temp. (°F)	Stack Temp. Ts (°F)	Meter Temp. (°F)	Umbilical Temp. Tm (°F)	Last Imp. Temp. (°F)	Vacuum (In. Hg)
1	14:21	159.1	1.35	1.49	192	329	80	250	60	7
2		160.9	1.35	1.49	190	328	81	253	61	7
3		162.7	1.40	1.55	194	328	82	258	59	7
4		164.5	1.45	1.60	198	328	82	258	60	7
5		166.3	1.45	1.60	201	327	82	256	62	7
6	14:36	168.0	1.30	1.44	206	326	81	258	61	7
1	14:38	169.8	1.35	1.49	195	326	80	259	58	7
2		171.5	1.35	1.49	190	328	80	253	60	7
3		173.3	1.35	1.49	186	327	80	255	60	7
4		175.0	1.30	1.44	184	328	80	254	61	7
5		176.7	1.30	1.44	182	327	80	254	62	7
6	14:53	178.3	1.25	1.38	180	326	81	253	63	6

## Sulfuric Acid Mist Field Data Form (Continued)

Traverse Point No.	Clock Time	Gas Sample Volume (F <sup>3</sup> )	$\Delta P$ (In. H <sub>2</sub> O)	$\Delta H$ (In. H <sub>2</sub> O)	Probe Temp. (°F)	Stack Temp. Ts (°F)	Meter Temp. (°F)	Unofficial <sup>Box</sup> Temp. Tm (°F)	Last Imp. Temp. (°F)	Vacuum (In. Hg)
1	14:55	180.1	1.30	1.44	197	326	80	256	61	7
2		181.8	1.30	1.44	200	327	81	259	62	7
3		183.5	1.30	1.44	210	327	82	259	62	7
4		185.1	1.40	1.55	211	327	82	259	62	7
5		187.0	1.35	1.49	214	327	82	259	63	7
6	15:10	188.7	1.25	1.38	214	326	83	260	63	6
1	15:12	190.2	1.30	1.44	210	326	82	258	61	7
2		192.2	1.30	1.44	206	326	82	258	62	7
3		193.9	1.30	1.44	196	326	83	258	63	7
4		195.7	1.35	1.55	196	326	83	259	64	7
5		197.2	1.35	1.55	199	325	83	259	65	7
6	15:27	199.139	1.25	1.38	203	324	84	257	66	6

**F-2 ORSAT DATA SHEETS**

## ORSAT DATA AND CALCULATION SHEET

Source UNIT #1 HRSG Location POLK POWER STATION

Run No.	Date	Gas	Orsat Analysis, Dry Basis (% Volume)				Remarks
			1	2	3	Avg.	
2	12-19-01 RND	CO <sub>2</sub>	7.7	7.7	7.7	7.7	F <sub>o</sub> = 1.195
		O <sub>2</sub>	11.7	11.7	11.7	11.7	
		CO	0	0	0	0	
		N <sub>2</sub>	80.6	80.6	80.6	80.6	
3	12-19-01 RND	CO <sub>2</sub>	8.0	8.0	8.0	8.0	F <sub>o</sub> = 1.125
		O <sub>2</sub>	12.0	12.0	12.0	12.0	
		CO	0	0	0	0	
		N <sub>2</sub>	80.0	80.0	80.0	80.0	
4	12-19-01 RND	CO <sub>2</sub>	7.7	7.7	7.7	7.7	F <sub>o</sub> = 1.182
		O <sub>2</sub>	11.8	11.8	11.8	11.8	
		CO	0	0	0	0	
		N <sub>2</sub>	80.5	80.5	80.5	80.5	

**APPENDIX G**

**SAMPLE EQUIPMENT CALIBRATIONS**



**NOZZLE CALIBRATION DATA FORM**

NOZZLE SET NO. 1

DATE: JANUARY 18, 2002 CALIBRATOR: R A BARTHELETTE JR.

NOZZLE I.D.	NOZZLE DIAMETER (IN.)			D.diff.	D.avg.
	D1	D2	D3		
#1	0.114	0.116	0.114	0.002	0.115
#4	0.124	0.124	0.124	0.000	0.124
#5	0.150	0.150	0.150	0.000	0.150
#6	0.197	0.199	0.197	0.002	0.198
#9	0.278	0.278	0.278	0.000	0.278
#10	0.295	0.295	0.295	0.000	0.295
#12	0.388	0.390	0.388	0.002	0.389
#15	0.165	0.165	0.165	0.000	0.165
#16	0.199	0.197	0.198	0.002	0.198
#19	0.283	0.283	0.284	0.001	0.283
#22	0.370	0.370	0.372	0.002	0.371
#30	0.313	0.315	0.315	0.002	0.314
#36	0.189	0.189	0.189	0.000	0.189
#37	0.217	0.218	0.218	0.001	0.218
#38	0.254	0.255	0.255	0.001	0.255
#46	0.193	0.193	0.193	0.000	0.193
#47	0.205	0.205	0.205	0.000	0.205
#48	0.252	0.252	0.252	0.000	0.252
#50	0.313	0.313	0.313	0.000	0.313
#58	0.248	0.248	0.248	0.000	0.248
#68	0.248	0.250	0.250	0.002	0.249

where:

*D1,2,3 = three different nozzle diameters, (in); each diameter must be measured to the nearest 0.001 in.*

*D.diff. = maximum difference between any two diameters, (in); must be .004 in. or less.*

*D.avg. = average of D1, D2, and D3.*

REVIEWED BY: RAM  
 DATE: 1/25/2002

Page 1  
 OF 1

**NOZZLE CALIBRATION DATA FORM**

NOZZLE SET NO. 1

DATE: 08/13/01 CALIBRATOR: JAV

NOZZLE I.D.	NOZZLE DIAMETER (IN.)			D:diff.	D:avg
	D1	D2	D3		
#1	0.114	0.118	0.114	0.004	0.115
#4	0.126	0.126	0.126	0.000	0.126
#5	0.15	0.15	0.15	0.000	0.150
#6	0.201	0.197	0.198	0.004	0.199
#9	0.278	0.280	0.280	0.002	0.279
#10	0.295	0.293	0.293	0.002	0.294
#12	0.388	0.388	0.390	0.002	0.389
#15	0.198	0.197	0.196	0.002	0.197
#16	0.197	0.199	0.199	0.002	0.198
#19	0.287	0.285	0.287	0.002	0.286 <sup>271</sup>
#22	0.374	0.372	0.374	0.002	0.373
#30	0.315	0.315	0.315	0.000	0.315
#36	0.191	0.189	0.189	0.002	0.190
#37	0.220	0.220	0.224	0.004	0.221
#38	0.256	0.256	0.256	0.000	0.256
#46	0.196	0.196	0.195	0.001	0.196
#47	0.205	0.205	0.203	0.002	0.204 <sup>201</sup>
#48	0.252	0.252	0.256	0.004	0.253
#50	0.311	0.315	0.313	0.004	0.313
#58	0.250	0.250	0.248	0.002	0.249
#68	0.254	0.252	0.254	0.002	0.253

where:

D:1,2,3 = three different nozzle diameters, (in); each diameter must be measured to the nearest 0.001 in.

D:diff. = maximum difference between any two diameters, (in); must be .004 in. or less.

D:avg. = average of D1, D2, and D3.

REVIEWED BY: [Signature]  
 DATE: 8/17/2001

**INITIAL DRY GAS METER AND ORIFICE CALIBRATION**

CONTROL BOX NO. 6 BAROMETRIC PRES 30.18 IN. HG.

DATE 11/09/01 PERFORMED BY JAV

SYSTEM LEAK CK. OK @ 23" HG ORIFICE LEAK CK. OK @ 5.5H2O

**RUN 1    RUN 2    RUN 3    RUN 4**

VACUUM ("Hg)	21.0	2.1	2.2	2.5
dHw ("H2O)	0.57	1.10	1.60	2.00
dHd ("H2O)	0.50	1.00	1.50	2.00
INITIAL WTM	0.0000	0.0000	0.0000	0.0000
FINAL WTM	6.0897	8.4250	6.6282	7.5489
INITIAL DGM	975.128	981.731	991.081	998.657
FINAL DGM	981.385	990.538	998.034	1006.752
TEMP. WTM (F)	69.5	69.5	69.5	69.5
TEMP. DGM (F)	91.0	93.0	94.0	96.0
TEST TIME (MIN.)	15.0	15.0	10.0	10.0

NET VOLUME WTM	6.0897	8.4250	6.6282	7.5489
NET VOLUME DGM	6.257	8.807	6.953	8.095
Y	1.012	0.997	0.994	0.974
dH@	1.621	1.688	1.815	1.859

AVERAGE Y = 0.994

ACCEPTABLE Y RANGE = 0.974 TO 1.014

AVERAGE dH@ = 1.746

ACCEPTABLE dH@ RANGE = 1.596 TO 1.896

$$Y = (Vw (Pb) \times (Td + 460)) / (Vd (Pb + (dHd / 13.6)) \times (Tw + 460))$$

$$dH@ = 0.0317 \times dHd / (Pb (Td + 460)) \times ((Tw + 460) \times \text{time}) / Vw^2$$

Reviewed By: 

Date: 11/10/2001

**RECHECK OF ORIFICE AND DGM CALIBRATION**

CONTROL BOX NO. 6 BAROMETRIC PRESS. 30.21 IN. HG.

DATE 01/17/02 PERFORMED BY R.A. BARTHELETE JR.

PRIOR Y = 0.994

SYSTEM LEAK CK. 0.000@ 15 in Hg ORIFICE LEAK CK. NA

RUN 1    RUN 2    RUN 3

VACUUM ("Hg)	<u>9.0</u>	<u>9.0</u>	<u>9.0</u>
dHw ("H2O)	<u>1.10</u>	<u>1.10</u>	<u>1.10</u>
dHd ("H2O)	<u>1.00</u>	<u>1.00</u>	<u>1.00</u>
INITIAL WTM	<u>0.0000</u>	<u>8.3685</u>	<u>16.7400</u>
FINAL WTM	<u>8.3685</u>	<u>16.7400</u>	<u>25.1259</u>
INITIAL DGM	<u>278.277</u>	<u>286.866</u>	<u>295.472</u>
FINAL DGM	<u>286.866</u>	<u>295.472</u>	<u>304.097</u>
TEMP. WTM (F)	<u>71.0</u>	<u>71.0</u>	<u>71.0</u>
TEMP. DGM (F)	<u>83.0</u>	<u>83.0</u>	<u>82.0</u>
TEST TIME (MIN.)	<u>15.0</u>	<u>15.0</u>	<u>15.0</u>

NET VOLUME WTM	<u>8.3685</u>	<u>8.3715</u>	<u>8.3859</u>
NET VOLUME DGM	<u>8.589</u>	<u>8.606</u>	<u>8.625</u>
Y	<u>0.994</u>	<u>0.992</u>	<u>0.990</u>
dH@	<u>1.751</u>	<u>1.749</u>	<u>1.747</u>

PRIOR Y =            0.994  
 RECHECK Y =        0.992  
 % DIFFERENCE =    -0.201

AVERAGE dH@ =    1.749

$Y = (Vw (Pb) \times (Td + 460)) / (Vd (Pb + (dHd / 13.6)) \times (Tw + 460))$   
 $dH@ = 0.0317 \times dHd / (Pb (Td + 460)) \times ((Tw + 460) \times \text{time} / Vw)^2$

Reviewed By: *R.A. Barthelete Jr.*  
 Date: 1/29/2002



# PITOT TUBE CALIBRATION DATA SHEET

Environmental Affairs  
Air Services

Pitot Tube ID # 124

Calibration Date: 10/24/2001

Openings Damaged?  Y  N

Operating Quarter: Qtr4

Repaired?  Y  N  N/A

### Alpha and Beta Angle Determinations

$\alpha 1$  0.5 degrees *Pass*

$\alpha 2$  0 degrees *Pass*

$\beta 1$  0.3 degrees *Pass*

$\beta 2$  1.1 degrees *Pass*

### Gamma, Theta, A, Z, and W Determinations

$\psi$  0.5 degrees

A 2.29 cm

Z 0.02 cm *Pass*

$\theta$  1 degrees

W 0.004 cm *Pass*

Acceptable Limits:
Dt 0.48 < Dt > 0.95 cm
$\alpha < 10$ degrees
( $\alpha 1$ measured across top impact openings)
( $\alpha 2$ measured across bottom impact openings)
$\beta 1 < 5$ degrees (alongside top impact openings)
$\beta 2 < 5$ degrees (alongside bottom impact openings)
Z < 0.32 cm (Asin $\psi$ )
W < 0.08 cm (Asino)
A distance between tips
$\theta$ angle of plane on side of pitots
$\psi$ angle between tips

NOTES
All measurements are taken in accordance with the requirements of 40 CFR 60 Appendix A - Test Methods, Method 2, "Determination of stack gas velocity and volumetric flow rate (Type S pitot tube)". Measurement details are found in EPA/600/4-77/027b, "Quality Assurance Handbook for Air Pollution Measurement Systems: Stationary Source Specific Methods", sub-section 3.1.1, Procurement of Apparatus and Supplies.

Comments:

REMOVABLE

Calibrated by: JAV

Printed Name: JORGE A. VARINO

Date: 10/29/2001

Quality Assurance Review / Approval: [Signature]  
Date: 10/30/2001

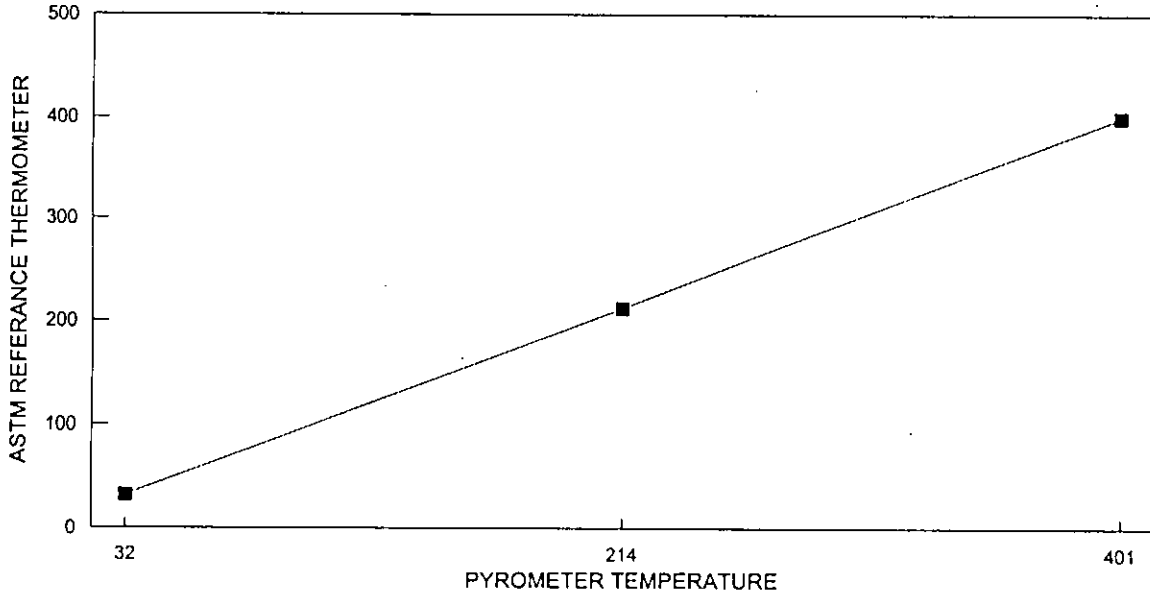
5010 Causeway Blvd., Tampa, FL. 33619

PYROMETER CALIBRATION

PYROMETER NO.: 12 REFERENCE THERMOMETER: Hart Scientific  
CTL SERIAL NO.: 12 SERIAL NO.: AOA024  
DATE: 10-24-01 CALIBRATOR: M.P. Skirvin

REFERENCE TEMP. (F)	PYROMETER INDICATION
32	32
212	214
400	401

**PYROMETER TEMPERATURE CALIBRATION**



REVIEWED BY: *M.P. Skirvin*

DATE: 10/30/2001

**BAROMETER CALIBRATION DATA FORM**

DATE: 10/31/01 CALIBRATOR: M.P. Skirvin *MPS*

INST. NO: 227

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TIME OF READING	BAROMETER READING (HG")	REFERENCE STANDARD READING (HG")	DIFFERENCE (HG")
9:05	30.18	30.27	-0.09
10:15	30.19	30.26	-0.07
11:15	30.20	30.25	-0.05

**\*NOTE: BAROMETRIC READINGS MUST AGREE WITHIN 0.1 INCHES HG OF READINGS OBTAINED FROM THE REFERENCE STANDARD, THE NATIONAL WEATHER SERVICE, RUSKIN FL. TO BE DEEMED ACCEPTABLE.**

REVIEWED BY: *RTM Starby*  
DATE: *11/1/2001*

# WET TEST METER CALIBRATION DATA FORM

DATE: 07/09/01

BAROMETRIC PRESS: 29.91

WET TEST METER  
SERIAL NUMBER

NAME: JAV *[Signature]*

AMBIENT TEMP: 74

12-AH-4

RUN NUMBER	VOLUME OF WATER DISPLACED (LITERS) $V_a$	INITIAL METER READING (FT3)	FINAL METER READING (FT3)	NET METER VOLUME (FT3)	NET METER VOLUME (LITERS) $V_w$	ERROR
1	3.3600	0.0000	0.1188	0.1188	3.3644	0.001309524
2	3.3600	0.1188	0.2371	0.1183	3.3503	-0.002886905
3	3.3600	0.2371	0.3549	0.1178	3.3361	-0.007113095
4	3.3600	0.3549	0.4740	0.1191	3.3729	0.003839286
AVG. ERROR =						-0.001212798

**CALCULATIONS:**

$ERROR = (V_w - V_a) / V_a$

$CORRECTION FACTOR (C.F.) = 1 / (1 + AVERAGE ERROR)$

\* CONVERSION FACTOR, FT3 TO LITERS =  $FT3 \times 28.32$

CORRECTION FACTOR:  $\frac{1.001214270}{(1.000 + / - 0.010)}$

WHEN USING THE WET TEST METER, THE ACTUAL VOLUME OF AIR CAN BE DETERMINED BY THE EQUATION:

$V_a = V_w \times C.F.$

**WHERE:**

$V_a$  = ACTUAL VOLUME OF AIR PASSED THROUGH THE WET TEST METER.

$V_w$  = MEASURED VOLUME OF AIR PASSED THROUGH THE WET TEST METER.

C.F. = CORRECTION FACTOR FOR THE WET TEST METER.

REVISED 5-9-96

REVIEWED BY: *[Signature]*  
DATE: 7/9/2001



**APPENDIX H**

**CHAIN OF CUSTODY**



SAMPLE CHAIN OF CUSTODY

Environmental Affairs  
Air Services

11/7/02  
~~AA63556~~  
AA63593

Customer/Facility: POLK POWER STATION  
Sampling Location/Identifier: UNIT #1 PITCHER TEST  
Test Date: 12-19-01  
Pollutant Sampled: SULFURIC ACID MIST (SO3)

**SAMPLE RECOVERY**

Recovery Location: POLK POWER STATION / ENV. AFFAIRS  
Recovery Date: AS LISTED  
Recovery Time: BELOW  
Signature(s): [Signature]

**SAMPLE PREPARATION**

Container Code Filter/Thimble Numbe	Sample Identification	Analytical Method
RUN 2	ISOPROPANOL, 12-19-01 @ 12:36	USEPA METHOD 8
RUN 2	PEROXIDE, 12-19-01 @ 12:36	
RUN 3	ISOPROPANOL, 12-19-01 @ 14:13	
RUN 3	PEROXIDE, 12-19-01 @ 14:13	
RUN 4	ISOPROPANOL, 12-19-01 @ 15:50	
RUN 4	PEROXIDE, 12-19-01 @ 15:50	
	D.I. H2O BLANK, 12-20-01 @ 08:58	
	ISOPROPANOL BLANK, 12-20-01 @ 08:58	
	PEROXIDE BLANK, 12-20-01 @ 08:58	
Lab rec'd: 12/20/01 <u>Number Sergey</u> 9:10		



# ANALYSIS REQUEST & CHAIN OF CUSTODY

## ENVIRONMENTAL SERVICES

5012 CAUSEWAY BLVD., TAMPA, FL, 33619 PHONE: (813) 228-4111

PROJECT REFERENCE <b>Polk Power Station</b>		PROJECT NO. <b>Unit 1 PETCOKE</b>	PROJECT LOCATION (STATE) <b>FLORIDA</b>		REQUIRED ANALYSIS				DUE DATE <div style="border: 1px solid black; width: 100px; height: 20px;"></div>	
SAMPLER'S PRINTED NAME <b>ROBERT BARTHELLETTE JR</b>		SAMPLER'S SIGNATURE 			BASIC GAS ANALYSIS DENSITY					<input type="checkbox"/> EMAIL RESULTS
P.O. NUMBER		CONTRACT NO.	SITE							<input type="checkbox"/> FAX RESULTS
CLIENT NAME <b>TECO</b>		CLIENT PHONE <b>813-630-7358</b>	CLIENT FAX <b>813-630-7350</b>							<input checked="" type="checkbox"/> MAIL RESULTS
CLIENT EMAIL <b>R.BARTHELLETTE@TECOENERGY.COM</b>		CLIENT ADDRESS <b>5012 CAUSEWAY BLVD, TAMPA FL, 33619</b>			PRESERVATIVE <b>NA</b>				NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		* MATRIX	NUMBER OF CONTAINERS SUBMITTED				REMARKS	
		DATE	TIME							
<b>Sample #1</b>	<b>CLEAN SYNGAS</b>	<b>12-19-01</b>	<b>/</b>	<b>GAS</b>	<b>1</b>					
<b>Sample #2</b>	<b>" "</b>	<b>" "</b>	<b>/</b>	<b>" "</b>	<b>1</b>					

\* GW - GROUND WATER    SW - SURFACE WATER    DW - DRINKING WATER    WW - WASTE WATER    SO - SOLID SOIL    SL - SLUDGE    HW - HAZARDOUS WASTE    A - AIR

### SAMPLE TRANSFERS

RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
PERSON'S NAME:	PERSON'S NAME:	<b>12-20-01</b>	<b>08100</b>
FACILITY NAME: <b>TECO ENV. AFFAIRS</b>	FACILITY NAME: <b>565 Commercial Testing Eng</b>		
PERSON'S NAME:	PERSON'S NAME:		
FACILITY NAME:	FACILITY NAME:		
PERSON'S NAME:	PERSON'S NAME:		
FACILITY NAME:	FACILITY NAME:		
PERSON'S NAME:	PERSON'S NAME:		
FACILITY NAME:	FACILITY NAME:		
SHIPPING VENDOR:	BILL OF LADING NO:		

**APPENDIX I**

**PROJECT PARTICIPANTS**

## **TEST PARTICIPANTS**

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### **Environmental Affairs**

Robert Barthelette Jr.                      Environmental Technician

Juan Ramirez                                      Environmental Technician

Jorge Varino                                      Associate Technician

### **Polk Power Station**

Michael Perkins                                  Environmental Coordinator

