

INSPECTION REPORT FORM
AIR POLLUTION EMISSION SOURCES

FACILITY PPL CAPE CANAVERAL		DISTRICT Central	COUNTY BREVARD
ADDRESS		CONTACT KELLY SCOTT	
AIRS 0090006	PERMIT 0090006-003-AV	EXPIRATION DATE 12-31-2009	
SOURCE DESCRIPTION 2 OIL AND GAS FIRED BOILERS			
INSPECTION DATE 01-31-06	AUDIT TYPE II	COMPLIANCE STATUS	
INSPECTION COMMENTS/RECOMMENDATIONS: STACK TEST ON UNIT 2 IN PROGRESS. JOE CELINSKY IN STACK TEST TRAILER. KELLY SCOTT ESCORTED WRITER TO TRAILER. RUN 5 IN PROGRESS. 6 RUNS TOTAL, 3 S.S., 3 S.B. RATA TO BE DONE TOMORROW.			
INSPECTOR(S) NAME(S)			
SIGNATURE		DATE	

QUICK CALCULATION FOR PARTICULATE TESTING

100% OIL

PLANT/UNIT: PCC - 2

DATE: 01/31/06

TEST TYPE	SOOT BLOW			STEADY STATE			
RUN #	1	5	6	RUN #	2	3	4
FILTER #	93	97	98	FILTER #	94	95	96
%O2	2.8	3.2	3.3	%O2	3.5	3.0	2.8
%CO2	14.1	14.1	13.5	%CO2	13.6	14.0	13.8
F WT.(g)	2.9550	3.2754	2.9974	F WT.(g)	2.8870	2.9280	2.9556
I WT (g)	2.8616	2.8469	2.8183	I WT (g)	2.7978	2.8556	2.8908
T WT (g)	0.0934	0.4285	0.1791	T WT (g)	0.0892	0.0724	0.0648
corr. T WT(g)	0.1011	0.4639	0.1939	corr. T WT(g)	0.0966	0.0784	0.0702
CU. FT	48.160	53.163	53.599	CU. FT	48.180	48.763	49.252
LB/MBTU	0.049	██████	██████	LB/MBTU	0.049	0.038	0.033
		AVG. RATE	██████			AVG. RATE	0.040

AVERAGE NOT TO EXCEED .3

AVERAGE NOT TO EXCEED .1

wash correction factor: 0.0826

NOTE: These numbers are preliminary only.

They should be used only as indicators and not official emissions rates.

The filter wash correction factor has been applied.

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name
FP&L CAPE CANAVERAL

Facility Name

Street Address

City **CAPE CANAVERAL** State **FL** Zip

Process
OIL FIRED BOILER Unit # **2** Operating Mode **412 MW**

Control Equipment Operating Mode

Describe Emission Point
STACK

Height of Emiss. Pt.
 Start **350'** End **350'** Height of Emiss. Pt. Rel. to Observer
 Start **350'** End **350'**

Distance to Emiss. Pt.
 Start **1400'** End **1400'** Direction to Emiss. Pt. (Degrees)
 Start **30°** End **30°**

Vertical Angle to Obs. Pt.
 Start End Direction to Obs. Pt. (Degrees)
 Start End

Distance and Direction to Observation Point from Emission Point
 Start **2 STACK DIA UP** End **2 STACK DIA UP**

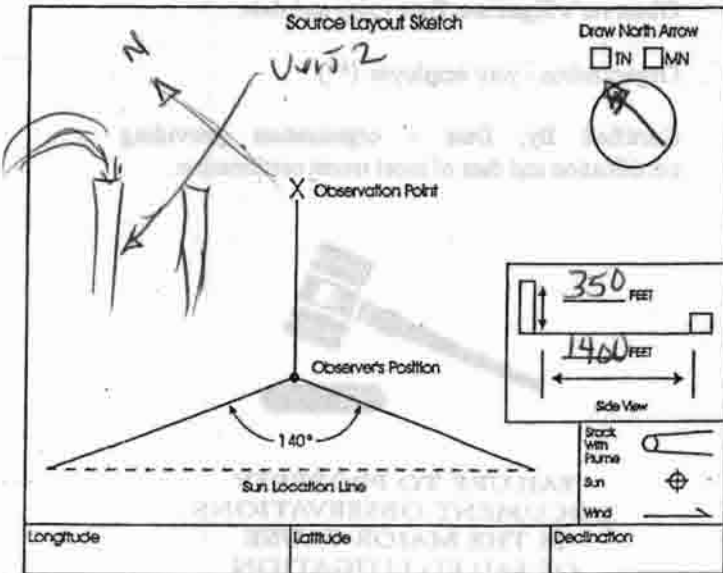
Describe Emissions
 Start **STEADY** End **STEADY**
 Emission Color Water Droplet Plume
 Start **GREY** End **GREY** Attached Detached None

Describe Plume Background
 Start **SKY** End **SKY**
 Background Color Sky Conditions
 Start **BLUE** End **BLUE** Start **CLEAR** End **CLEAR**

Wind Speed Wind Direction
 Start **3-5** End **3-5** Start **NE** End **NE**

Ambient Temp. Wet Bulb Temp. RH Percent

Start **76°** End **75°**



Additional Information

Form Number Page Of

Continued on VEO Form Number

Min	Time Zone				Start Time	End Time	Comments
	Sec	0	15	30			
35 ¹	15	15	15	15	2:35		
36 ²	15	15	15	15			
37 ³	15	15	15	15			
38 ⁴	15	15	15	15			
39 ⁵	15	15	15	15			
40 ⁶	15	15	15	15			
41 ⁷	15	15	15	15			
42 ⁸	15	15	15	15			
43 ⁹	15	15	15	15			
44 ⁰	15	15	15	15			
45 ¹¹	15	15	15	15			
46 ¹²	15	15	15	15			
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Observer's Name (Print)
GARRY KUBIENSKI

Observer's Signature
Garry Kubienksi Date **1/31/06**

Organization
FP&L

Certified By
ETB Date **8/11/05**

Average Values Report
Generated: 1/31/2006 14:13

Company: Florida Power & Light PCC
Plant:
City/St:
Source: stack1, stack2

Period Start: 1/31/2006 00:00
Period End: 1/31/2006 14:12
Validation Type: 6/6 min
Averaging Period: 6 min
Type: Block Avg

Period Start:	Average 1Opac %	Average 2Opac %	Average 1HI mmB/H	Average 2HI mmB/H	Average 1MW MW	Average 2MW MW
01/31/2006 00:00	2.7	0.8	0	1091	-0.5	103.5
01/31/2006 00:06	2.7	0.7	0	1070	-0.5	102.0
01/31/2006 00:12	2.7	0.7	0	1067	-0.5	101.3
01/31/2006 00:18	2.7	0.7	0	1068	-0.5	100.7
01/31/2006 00:24	2.7	0.7	0	1067	-0.6	99.9
01/31/2006 00:30	2.7	0.7	0	1064	-0.5	99.4
01/31/2006 00:36	2.7	0.7	0	1044	-0.5	97.2
01/31/2006 00:42	2.7	0.7	0	1056	-0.6	97.8
01/31/2006 00:48	2.7	0.7	0	1059	-0.6	98.0
01/31/2006 00:54	2.7	0.7	0	1072	-0.6	98.8
01/31/2006 01:00	2.7	0.7	0	1136	-0.5	105.5
01/31/2006 01:06	2.7	0.7	0	1042	-0.6	98.2
01/31/2006 01:12	2.7	0.7	0	1036	-0.6	98.0
01/31/2006 01:18	2.7	0.7	0	1047	-0.6	98.1
01/31/2006 01:24	2.7	0.7	0	1079	-0.6	100.7
01/31/2006 01:30	2.7	3.8	0	1075	-0.6	98.2
01/31/2006 01:36	2.7	2.6	0	1071	-0.6	98.1
01/31/2006 01:42	2.7	2.0	0	1068	-0.6	98.3
01/31/2006 01:48	2.7	2.1	0	1079	-0.6	97.7
01/31/2006 01:54	2.7	5.8	0	1056	-0.6	97.5
01/31/2006 02:00	2.7	5.7	0	1063	-0.6	98.0
01/31/2006 02:06	2.7	2.3	0	1079	-0.6	97.5
01/31/2006 02:12	2.7	5.1	0	1063	-0.6	97.5
01/31/2006 02:18	2.7	5.6	0	1057	-0.6	97.5
01/31/2006 02:24	2.7	6.8	0	1070	-0.6	97.6
01/31/2006 02:30	2.7	7.1	0	1067	-0.6	98.0
01/31/2006 02:36	2.7	9.0	0	1068	-0.6	97.7
01/31/2006 02:42	2.7	9.9	0	1068	-0.5	97.9
01/31/2006 02:48	2.7	7.4	0	1060	-0.5	97.7
01/31/2006 02:54	2.7	9.1	0	1073	-0.5	98.1
01/31/2006 03:00	2.7	10.6	0	1070	-0.6	98.1
01/31/2006 03:06	2.7	4.5	0	1055	-0.6	97.8
01/31/2006 03:12	2.7	5.1	0	1056	-0.5	98.0
01/31/2006 03:18	2.7	0.9	0	1044	-0.5	97.6
01/31/2006 03:24	2.7	0.9	0	1047	-0.6	97.7
01/31/2006 03:30	2.7	2.0	0	1051	-0.5	98.1
01/31/2006 03:36	2.7	1.0	0	1045	-0.6	97.4
01/31/2006 03:42	2.7	0.9	0	1051	-0.6	97.9
01/31/2006 03:48	2.7	0.9	0	1051	-0.6	97.7
01/31/2006 03:54	2.7	0.8	0	1048	-0.5	97.6
01/31/2006 04:00	2.7	0.9	0	1055	-0.5	97.8
01/31/2006 04:06	2.7	0.9	0	1056	-0.6	98.2
01/31/2006 04:12	2.7	0.8	0	1056	-0.5	98.0
01/31/2006 04:18	2.7	0.9	0	1057	-0.6	98.3
01/31/2006 04:24	2.7	0.8	0	1066	-0.6	98.7
01/31/2006 04:30	2.7	N/A	0	1063	-0.5	98.9
01/31/2006 04:36	2.3	N/A	0	1055	-0.5	98.2
01/31/2006 04:42	2.3	2.3	0	1063	-0.6	98.5
01/31/2006 04:48	2.3	3.1	0	1118	-0.6	102.9

Period Start:	Average 1Opac %	Average 2Opac %	Average 1HI mmB/H	Average 2HI mmB/H	Average 1MW MW	Average 2MW MW
01/31/2006 04:54	2.3	3.4	0	1061	-0.6	98.2
01/31/2006 05:00	2.4	6.8	0	1063	-0.6	98.3
01/31/2006 05:06	2.4	5.1	0	1064	-0.6	98.9
01/31/2006 05:12	2.4	2.8	0	1075	-0.6	98.9
01/31/2006 05:18	2.4	1.7	0	1054	-0.6	98.3
01/31/2006 05:24	2.3	12.4	0	1059	-0.6	98.2
01/31/2006 05:30	2.4	1.5	0	1089	-0.5	101.1
01/31/2006 05:36	2.4	1.0	0	1138	-0.6	106.1
01/31/2006 05:42	2.5	0.9	0	1121	-0.6	105.3
01/31/2006 05:48	2.4	0.9	0	1070	-0.6	100.2
01/31/2006 05:54	2.4	0.9	0	1106	-0.6	103.8
01/31/2006 06:00	2.4	0.9	0	1051	-0.6	98.2
01/31/2006 06:06	2.3	0.9	0	1045	-0.6	97.5
01/31/2006 06:12	2.3	0.9	0	1092	-0.5	100.5
01/31/2006 06:18	2.4	0.9	0	1095	-0.6	101.6
01/31/2006 06:24	2.3	0.9	0	1121	-0.6	105.9
01/31/2006 06:30	N/A	0.9	0	1136	-0.5	106.0
01/31/2006 06:36	2.4	0.9	0	1119	-0.6	102.0
01/31/2006 06:42	2.4	0.9	0	1133	-0.5	104.2
01/31/2006 06:48	2.3	0.9	0	1107	-0.5	103.9
01/31/2006 06:54	2.3	0.9	0	1212	-0.6	112.0
01/31/2006 07:00	2.3	1.7	0	1484	-0.6	136.4
01/31/2006 07:06	2.3	1.8	0	1625	-0.5	160.4
01/31/2006 07:12	2.3	14.6	0	1701	-0.5	183.4
01/31/2006 07:18	2.3	4.0	0	1909	-0.5	198.1
01/31/2006 07:24	2.3	4.9	0	2103	-0.6	218.4
01/31/2006 07:30	2.3	5.5	0	2304	-0.6	242.1
01/31/2006 07:36	2.3	8.0	0	2560	-0.6	268.0
01/31/2006 07:42	2.3	11.3	0	2629	-0.6	291.4
01/31/2006 07:48	2.5	15.2	0	2744	-0.6	309.8
01/31/2006 07:54	2.5	15.6	0	2894	-0.6	333.8
01/31/2006 08:00	2.4	15.8	0	3111	-0.5	360.0
01/31/2006 08:06	2.5	14.1	0	3320	-0.6	385.2
01/31/2006 08:12	2.5	13.2	0	3460	-0.6	407.5
01/31/2006 08:18	2.5	10.6	0	3456	-0.6	411.4
01/31/2006 08:24	2.5	10.3	0	3446	-0.6	411.8
01/31/2006 08:30	2.5	11.5	0	3467	-0.6	412.1
01/31/2006 08:36	2.5	12.7	0	3479	-0.6	412.2
01/31/2006 08:42	2.5	14.9	0	3442	-0.6	411.8
01/31/2006 08:48	2.5	14.2	0	3453	-0.6	412.1
01/31/2006 08:54	2.5	13.9	0	3436	-0.6	412.5
01/31/2006 09:00	2.5	10.8	0	3443	-0.6	412.0
01/31/2006 09:06	2.5	10.8	0	3441	-0.6	412.2
01/31/2006 09:12	2.5	11.5	0	3451	-0.5	411.8
01/31/2006 09:18	2.5	11.4	0	3445	-0.6	412.6
01/31/2006 09:24	2.5	11.1	0	3436	-0.6	411.9
01/31/2006 09:30	2.5	11.0	0	3450	-0.5	412.1
01/31/2006 09:36	2.5	11.6	0	3437	-0.6	412.7
01/31/2006 09:42	2.5	10.5	0	3410	-0.6	412.4
01/31/2006 09:48	2.5	10.0	0	3422	-0.6	412.3
01/31/2006 09:54	2.6	9.8	0	3433	-0.5	412.0
01/31/2006 10:00	2.6	9.8	0	3430	-0.5	412.2
01/31/2006 10:06	2.5	10.5	0	3434	-0.5	411.9
01/31/2006 10:12	2.6	10.3	0	3442	-0.6	411.8
01/31/2006 10:18	2.6	10.3	0	3437	-0.6	412.0
01/31/2006 10:24	2.6	10.4	0	3437	-0.5	412.1
01/31/2006 10:30	2.7	10.6	0	3444	-0.6	411.9
01/31/2006 10:36	2.7	10.6	0	3439	-0.6	412.1

Period Start:	Average 1Opac %	Average 2Opac %	Average 1HI mmB/H	Average 2HI mmB/H	Average 1MW MW	Average 2MW MW
01/31/2006 10:42	2.7	10.7	0	3437	-0.6	412.0
01/31/2006 10:48	2.7	10.8	0	3439	-0.6	412.0
01/31/2006 10:54	2.7	10.9	0	3440	-0.6	411.9
01/31/2006 11:00	2.7	10.9	0	3444	-0.5	412.0
01/31/2006 11:06	2.7	10.8	0	3447	-0.5	412.2
01/31/2006 11:12	2.7	10.8	0	3437	-0.5	412.2
01/31/2006 11:18	2.7	11.0	0	3447	-0.6	412.1
01/31/2006 11:24	2.7	11.2	0	3442	-0.6	412.0
01/31/2006 11:30	2.7	11.6	0	3446	-0.6	412.1
01/31/2006 11:36	2.7	11.5	0	3447	-0.6	412.1
01/31/2006 11:42	2.7	11.8	0	3448	-0.6	411.9
01/31/2006 11:48	2.7	11.8	0	3452	-0.5	412.3
01/31/2006 11:54	2.7	11.6	0	3449	-0.6	412.3
01/31/2006 12:00	2.8	11.4	0	3455	-0.5	412.1
01/31/2006 12:06	2.7	11.1	0	3448	-0.6	412.4
01/31/2006 12:12	2.8	11.3	0	3450	-0.6	412.3
01/31/2006 12:18	2.8	11.2	0	3448	-0.5	412.0
01/31/2006 12:24	2.9	11.4	0	3452	-0.6	412.2
01/31/2006 12:30	2.8	11.3	0	3451	-0.5	412.4
01/31/2006 12:36	2.9	11.2	0	3449	-0.5	412.1
01/31/2006 12:42	2.9	11.7	0	3454	-0.6	412.4
01/31/2006 12:48	2.8	11.5	0	3452	-0.6	412.4
01/31/2006 12:54	2.9	11.6	0	3457	-0.5	412.0
01/31/2006 13:00	2.8	11.5	0	3452	-0.6	412.4
01/31/2006 13:06	2.9	11.4	0	3457	-0.6	412.4
01/31/2006 13:12	2.9	11.5	0	3463	-0.5	412.3
01/31/2006 13:18	2.9	12.6	0	3483	-0.6	412.3
01/31/2006 13:24	2.9	12.5	0	3478	-0.5	412.1
01/31/2006 13:30	2.9	13.4	0	3470	-0.6	411.8
01/31/2006 13:36	2.9	13.5	0	3473	-0.6	412.2
01/31/2006 13:42	2.9	12.5	0	3467	-0.6	412.4
01/31/2006 13:48	2.9	11.6	0	3479	-0.6	412.1
01/31/2006 13:54	2.9	12.2	0	3463	-0.6	412.5
01/31/2006 14:00	2.9	12.4	0	3487	-0.6	411.8
01/31/2006 14:06	2.9	13.7	0	3473	-0.5	412.8
01/31/2006 14:12	N/A	N/A	N/A	N/A	N/A	N/A
Final Average*	2.6	7.0	0	2187	-0.6	245.0
Maximum*	2.9	15.8	0	3487	0.0	412.8
	01/31/2006 14:06	01/31/2006 8:00		01/31/2006 14:00		01/31/2006 14:06
Minimum*	2.3	0.7	0	1036	-0.6	97.2
	01/31/2006 7:42	01/31/2006 1:24	01/31/2006 14:06	01/31/2006 1:12	01/31/2006 14:00	01/31/2006 0:36

* Does not include Invalid Averaging Periods ("N/A")