Juspher 7/08

SUMMARY REPORT

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GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: NOx

Reporting period dates: From 07/01/2008 to 08/26/2008

Company: Progress Energy Florida

Emission Limit: 42.0 ppmvd Address: P. O. Box 14042

St. Petersburg, FL 33733

Process Unit Description: DeBary Facility Combustion Turbine P10

Total source operating time in reporting period: 40 (1)

Using gas fuel: 0 Using oil fuel: 40

Emissions Data Summary (1)

1. Duration of excess emissions in reporting period due to:

a. Startup/shutdown
b. Control equipment problems
c. Process problems
d. Other known causes
e. Unknown causes
0

2. Total duration of excess emissions:3. Total duration of

excess emissions X (100) = 0.00% (2)

[Total source operating time]

CMS Performance Summary (1)

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction 0
b. Non-Monitor equipment malfunction 0
c. Quality assurance calibration 0
d. Other known causes 0
e. Unknown causes 0
2. Total CMS downtime 0

3. [total CMS downtime] X (100) = 0.00% (2)

[Total source operating time]

On a seperate page, describe any changes since the last quarter in CMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete to the best of my knowledge.

Martin J. Drango P.E.

Plant Manager

NAME:

SIGNATURE:

TITLE:

DATE:

- (1) For gasses, record time in hours.
- (2) For the reporting period: if the total duration of excess emissions is 1 percent or greater of the total operating time, or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report and the excess emission report described in sec. 60.7(c) shall be submitted.

SUMMARY REPORT

Reporting period dates: From 07/01/2008 to 08/26/2008

Emission Limit: 25.0 ppmvd gas fuel, 42.0 ppmvd oil fuel

Total source operating time in reporting period: 181 (1)

1. Duration of excess emissions in reporting period due to:

Process Unit Description: DeBary Facility Combustion Turbine P7

Pollutant: NOx

Company: Progress Energy Florida

St. Petersburg, FL 33733

b. Control equipment problems

2. Total duration of excess emissions:

Address: P. O. Box 14042

Emissions Data Summary (1)

a. Startup/shutdown

c. Process problems

d. Other known causes e. Unknown causes

GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Using gas fuel: 173
Using oil fuel: 8

Ω

0

0

3. Total duration of 0.00% (2) excess emissions X (100) = ______ [Total source operating time] CMS Performance Summary (1) 1. CMS downtime in reporting period due to: a. Monitor equipment malfunction b. Non-Monitor equipment malfunction c. Quality assurance calibration d. Other known causes 0 0 e. Unknown causes 2. Total CMS downtime 3. [total CMS downtime] X (100) = 0.00% (2) [Total source operating time] On a seperate page, describe any changes since the last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete to the best of my knowledge. Martin J. Drango P.E. Plant Manager TITLE: DATE: NAME: SIGNATURE: (1) For gasses, record time in hours. (2) For the reporting period: if the total duration of excess emissions is 1 percent or greater of the total operating time, or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report and the excess emission report described in sec. 60.7(c) shall be submitted.



4 Hour Rolling Average Exceedance Report Progress Energy Plant Debary Unit P10
Report Period 07/01/2008 08/26/2008 Created: 08/27/2008 12:47:13
4 Hour Rolling Average 4 Hour Rolling Average Date Hour Gas Exceedance Oil Exceedance
No 4 hour rolling average exceedances this report period.
Limits: 25.0 42.0

4 Hour Rolling Average Exceedance Report Progress Energy Plant Debary Unit P8
Report Period 07/01/2008 08/26/2008 Created: 08/27/2008 12:47:28
4 Hour Rolling Average 4 Hour Rolling Average
Date Hour Gas Exceedance Oil Exceedance
No 4 hours malling arranges arranged this monort newled
No 4 hour rolling average exceedances this report period.
=======================================
Limits: 25.0 42.0

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4 Hour Rolling Average Exceedance Report Progress Energy Plant Debary Unit P9
Report Period 07/01/2008 08/26/2008 Created: 08/27/2008 12:47:3
4 Hour Rolling Average 4 Hour Rolling Average Date Hour Gas Exceedance Oil Exceedance
No 4 hour rolling average exceedances this report period.
Limits: 25.0 42.0

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SUMMARY REPORT

GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: NOx Reporting period dates: From 07/01/2008 to 08/26/2008 Company: Progress Energy Florida Emission Limit: 25.0 ppmvd gas fuel, 42.0 ppmvd oil fuel Address: P. O. Box 14042 St. Petersburg, FL 33733 Process Unit Description: DeBary Facility Combustion Turbine P8 Total source operating time in reporting period: 152 (1) Using gas fuel: 152 Using oil fuel: 0 Emissions Data Summary (1) 1. Duration of excess emissions in reporting period due to: a. Startup/shutdown b. Control equipment problems 0 c. Process problems 1 d. Other known causes 0 e. Unknown causes 0 2. Total duration of excess emissions: 1. 3. Total duration of excess emissions X (100) = 0.66% (2) _____ [Total source operating time] CMS Performance Summary (1) 1. CMS downtime in reporting period due to: a. Monitor equipment malfunction b. Non-Monitor equipment malfunction 0 c. Quality assurance calibration 0 d. Other known causes 0 e. Unknown causes 0 2. Total CMS downtime 3. [total CMS downtime] X (100) = 0.00% (2) ______ [Total source operating time] On a seperate page, describe any changes since the last quarter in CMS, process or controls. I certify that the information contained in this report is true,

accurate, and complete to the best of my knowledge.

Martin J. Drango P.E. Plant Manager

NAME: SIGNATURE: TITLE: DATE:

- (1) For gasses, record time in hours.
- (2) For the reporting period: if the total duration of excess emissions is 1 percent or greater of the total operating time, or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report and the excess emission report described in sec. 60.7(c) shall be submitted.

SUMMARY REPORT

Using oil fuel: 0

0

0

0

0

0

0

0

0

TITLE: DATE:

0.00% (2)

Ω

On a seperate page, describe any changes since the last quarter in CMS,

(2) For the reporting period: if the total duration of excess emissions is 1 percent or greater of the total operating time, or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report and the excess emission report described in sec. 60.7(c)

I certify that the information contained in this report is true,

accurate, and complete to the best of my knowledge.

Martin J. Drango P.E. Plant Manager

0.00% (2)

0

GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant: NOx Reporting period dates: From 07/01/2008 to 08/26/2008 Company: Progress Energy Florida

Emission Limit: 25.0 ppmvd gas fuel, 42.0 ppmvd oil fuel

Address: P. O. Box 14042

St. Petersburg, FL 33733

Total source operating time in reporting period: 146 (1)

1. Duration of excess emissions in reporting period due to:

Emissions Data Summary (1)

a. Startup/shutdown

c. Process problems

e. Unknown causes

3. Total duration of

d. Other known causes

CMS Performance Summary (1)

d. Other known causes

e. Unknown causes

2. Total CMS downtime

process or controls.

shall be submitted.

NAME:

b. Control equipment problems

excess emissions X (100) =

-----[Total source operating time]

2. Total duration of excess emissions:

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction b. Non-Monitor equipment malfunction

c. Quality assurance calibration

3. [total CMS downtime] X (100) =

[Total source operating time]

SIGNATURE:

(1) For gasses, record time in hours.

Using gas fuel: 146

Process Unit Description: DeBary Facility Combustion Turbine P9

			_	nit P7 eBary, Florida 	
Today's Time: 12	Date: 08 2:48:42	/27/200	8		Reporting Period 07/01/2008 - 08/26/2008
Date/ Time	NOx ppmvd	Fuel	ID	Reason	

Florida Power

Quarterly Excess Emissions Report

No exceedances for this time period

======	======	:=====:	Florida Uni	EXCESS Emis Power T P8 Bary, Florida	-
	Date: 08 2:49:11	3/27/200	======= 8		Reporting Period 07/01/2008 - 08/26/2008
Date/ Time	NOx ppmvd	Fuel	ID	Reason	
Hourly 08/10/2	Exceedance	ce			

CT2NOXG PROCESS EQUIPMENT MALFUNCTION

26.0 Gas

			-			
		Qı	Florida Unit	Power	missions Re ida	eport
=======	=======		========	=======		
Today's	Date: 05	8/27/2008				Reporting Period
Time: 12		•				07/01/2008 - 08/26/2008
11110						0,,01,1000 00,10,1000
Date/ Time	NOx ppmvd	Fuel	ID	Reason		
Hourly E. 08/10/20	08		CHONOXC	DD C CT C C		
170000	26.0	Gas	CT2NOXG	PROCESS	EQUIPMENT	MALFUNCTION

Quarterly Exce Florida Powe Unit P9 DeBary,	
Today's Date: 08/27/2008 Time: 12:49:41	======================================

Reason

NOx Fuel ID

pvmyd

Date/

Time

No exceedances for this time period

F I O	LIGA POW	=1
	Unit P1	0
	DeBary,	Florida
		=======
Today's Date: 08/27/2008		
Time: 12:49:52		

Fuel

Date/

Time

NOx

prmyd

ID

No exceedances for this time period

Reporting Period

07/01/2008 - 08/26/2008

Quarterly Excess Emissions Report

Reason

Florida Dower

North CT's Unit Starts and Hours of Operation

	DB-P1	DB-P2	DP-P3	DP-P4	DP-P5	DP-P6	DP-P7	DP-P8	DP-P9	DP-P10	TP-1	TP-2	TP-3	TP-4	RIO-P1
JUNE.2008															
FIRED STARTS	6	8	3	4	1	5	23	22	20	8	0	1	10	0	0
YTD FIRED STARTS	13	19	12	13	9	10	65	69	63	26	1	2	15	1	5
FURIED STARTS	315(3)	31162	3446	3(0)27/	3371	(8/1/2/8)	(\$45 (0(0)	3238	32491	4(c);3	%(5%)t)	91839122	24°)4(8)	34H;(s)	2436
FIRED HRS.	14.2	19	7.9	11.4	4.7	9.2	115.8	124.7	107.7	29.5	0	4	28	0	0
YTD FIRED HRS.	30.3	43.9	25.8	29.3	19.2	18.1	346.8	387.7	366.5	92.6	2	9	61	5	6.3
TOTAL FINED HIRS	417/6419.8	476262	1157810,8	16265.9	16307/3	466629	102436	20666	24(67/9/35	1102762	1315815,32	(38)(0)(0)	14(a)c(e)e)2/	97754,2	271643
	DB-P1	DB-P2	DP-P3	DP-P4	DP-P5	DP-P6	DP-P7	DP-P8	DP-P9	DP-P10	TP-1	TP-2	TP-3	TP-4	RIO-P1
JULY.2008															
FIRED STARTS	1	0	1	1	1	1	10	9	9	1	1	2	5	7	1
YTD FIRED STARTS	14	19	13	14	10	11	75	78	72	27	2	4	20	8	6
FIRED STARTS	3/5(3)1	0162	\$2:{37:	3074	8387792	34(30)	315/11(0)	8244	57/45(0)	T1(9)8K5	2/67:10	23594	(4:) <u>(</u> 3:)	કપ્રણક્રિક	220(37/
FIRED HRS.	4.8	0	4.8	4.5	3.4	4.3	52.1	49.6	46.4	6.4	4	8	27	35	1.7
YTD FIRED HRS.	35.1	43.9	30.6	33.8	22.6	22.4	398.9	437.3	412.9	99	6	17	88	40	8
	117/69241.11	1178746.72	167856	1(627/0.4)	1(684(0)7	1(0000)///2	1(0)2(06) (9)	24012/437/37	24(7/2/6)(8)	1(06:64, 6	(59):19(59)	(5)692(4),(6)	100426141	97 69 340	27/6/5
	DB-P1	DB-P2	DP-P3	DP-P4	DP-P5	DP-P6	DP-P7	DP-P8	DP-P9	DP-P10	TP-1	TP-2	TP-3	TP-4	RIO-P1
AUG.2008															
FIRED STARTS															
YTD FIRED STARTS	14	19	13	14	10	11	75	78	72	27	2	4	20	8	6
FIRED SHARIS	3581	31/52	34877	(6)(0)/2(8)	38772	3430	3510	3948	3245(0)	1995:	2(5)(10	7894	24:48	ଓମ୍ବର	23.87
FIRED HRS.															
YTD FIRED HRS.	35.1	43.9	30.6	33.8	22.6	22.4	398.9	437.3	412.9	99	6	17	88	40	8
TOTAL FIRED HIS	176244.1	17326,2	(157/85.6	1(6)27/0,74	105640.7	108/57/72	1(0)2(6)5(8)	2002777	247/26.9	104813	5888,374	(53.24)(6	\$10£926;/:	97/89/4	27/6,45