

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number				Page	Of
Continued on VEO Form Number					

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

Company Name
PROGRESS ENERGY - TURNER

Facility Name
TURNER

Street Address

City
FENTLEPHUSE State
FL Zip

Process
COMBUSTION TURBINE Unit # **43** Operating Mode **90 TO 100%**

Control Equipment Operating Mode

Describe Emission Point
RECTANGULAR STACK ON COMBUSTION TURBINE

Height of Emiss. Pt.
Start **3 FT** End **30 FT** Start **30 FT** End **30 FT**

Distance to Emiss. Pt.
Start **120 FT** End **120 FT** Start **290°** End **290°**

Vertical Angle to Obs. Pt.
Start **14°** End **14°** Start **290°** End **290°**

Distance and Direction to Observation Point from Emission Point
Start **120 FT 15'** End **120 FT 15'**

Describe Emissions
Start **STEADY** End **STEADY**

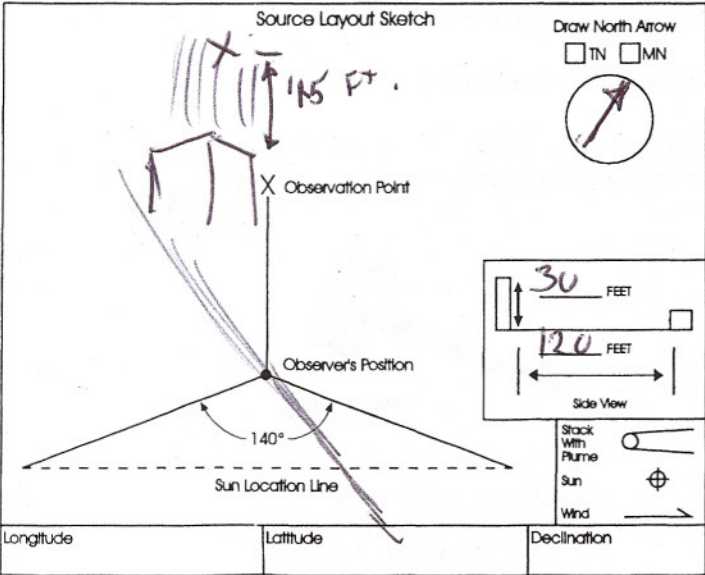
Emission Color
Start **BLACK** End **BLACK** Attached Detached None

Describe Plume Background
Start **SKY** End **SKY**

Background Color
Start **BLUE** End **BLUE** Start **CLEAR** End **CLEAR**

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

Ambient Temp.
Start **60°F** End **60°F** Wet Bulb Temp. RH Percent



Observation Date		Time Zone				Start Time	End Time
2/18/09						8:11	8:22
Min	Sec	0	15	30	45	Comments	
11		10	10	10	10		
12		10	10	10	10		
13		10	10	10	10		
14		10	10	10	10		
15		10	10	10	10		
16		10	10	10	10		
17		10	10	10	10		
18		10	10	10	10		
19		10	10	10	10		
20		10	10	10	10		
21		10	10	10	10		
22		10	10	10	10		
23							
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28							
29							
30							

Observer's Name (Print)
GARY KUBERSKI

Observer's Signature
Gary Kuberski Date **2/18/09**

Organization
FPEP

Certified By
ETA Date **2/4/09**

63877

EPA

VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number _____ Page _____ Of _____
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Company Name
PROGRESS ENERGY - TURNER
 Facility Name
TURNER
 Street Address
 City
ENTERPRISE State
FL Zip

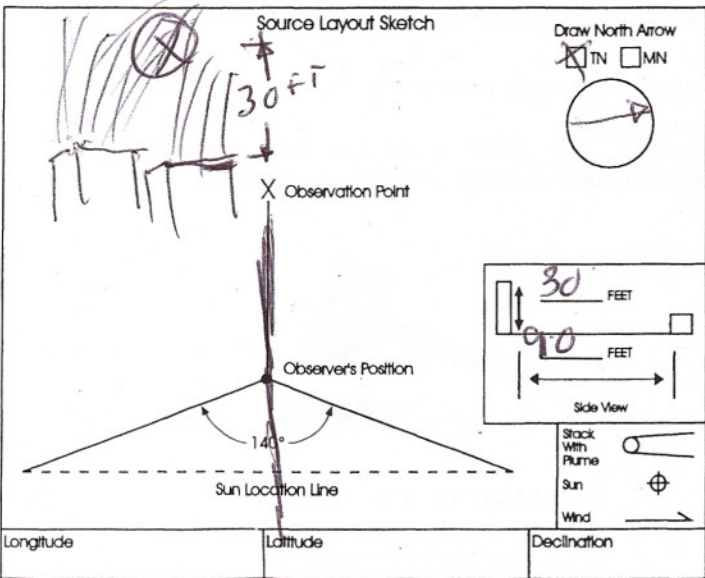
Process
COMBUSTION TURBINE Unit #
142 Operating Mode
90 TO 100 %
 Control Equipment Operating Mode

Describe Emission Point
RECTANGULAR STACK
 Height of Emis. Pt.
 Start **30 FT** End **30 FT** Height of Emis. Pt. Rel. to Observer
 Start **25'** End **35'**
 Distance to Emis. Pt.
 Start **90'** End **90'** Direction to Emis. Pt. (Degrees)
 Start **270°** End **270°**

Vertical Angle to Obs. Pt.
 Start **18°** End **18°** Direction to Obs. Pt. (Degrees)
 Start **270°** End **270°**
 Distance and Direction to Observation Point from Emission Point
 Start **30 FT UP** End **30 FT UP**

Describe Emissions
 Start **NONE VISIBLE** End **NONE VISIBLE**
 Emission Color Water Droplet Plume
 Start **NONE** End **NONE** 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 **SW** End **SE**
 Ambient Temp. Wet Bulb Temp. RH Percent
 Start **65°** End **65°**



Longitude Latitude Declination

Additional Information

Min	Sec				Comments
	0	15	30	45	
16	0	0	0	0	UNITS 1 & 2
17	0	0	0	0	READ AS 1
18	0	0	0	0	EMISSION POINT
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
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Observer's Name (Print)
GARRY KUBENSKI
 Observer's Signature
Garry Kubenski Date
2/18/09
 Organization
FOEP
 Certified By
ETA Date
2/4/09