

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name  
**PROGRESS ENERGY**

Facility Name  
**INTELCESION CRT**

Street Address

City      State      Zip

Process  
**COMBUSTION TURBINE**      Unit # **11**      Operating Mode **1679 MW**

Control Equipment  
**WATER INJECTION**      Operating Mode **OIL**

Describe Emission Point  
**STACK (FOR BOX)**

**CEN IS METHOD OF COMPLIANCE**

Height of Emiss. Pt.  
Start **100**      End **100**      Height of Emiss. Pt. Rel. to Observer  
Start **100**      End **100**

Distance to Emiss. Pt.  
Start **500**      End **500**      Direction to Emiss. Pt. (Degrees)  
Start **320**      End **320**

Vertical Angle to Obs. Pt.  
Start **11**      End **11**      Direction to Obs. Pt. (Degrees)  
Start **320**      End **320**

Distance and Direction to Observation Point from Emission Point  
Start **1 DIA UP**      End **1 DIA UP**

Describe Emissions  
Start **HEAT**      End **HEAT**

Emission Color  
Start **NONE**      End \_\_\_\_\_      Water Droplet Plume  
Attached       Detached       None

Describe Plume Background  
Start **SKY**      End \_\_\_\_\_

Background Color  
Start **GREY-WH**      End **GREY-WH**      Sky Conditions  
Start **PT. CL.**      End **PT. CL.**

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

Ambient Temp.  
Start **80**      End **80**      Wet Bulb Temp. \_\_\_\_\_      RH Percent \_\_\_\_\_

Source Layout Sketch

Draw North Arrow  
 TN     MN

Observer's Position

Observation Point

Sun Location Line

140°

100 FEET

570 FEET

Side View

Stack With Plume

Sun

Wind

Longitude      Latitude      Declination

Additional Information

Form Number \_\_\_\_\_ Page \_\_\_\_\_ Of \_\_\_\_\_

Continued on VEO Form Number \_\_\_\_\_

Min	Time Zone				Start Time	End Time	Comments
	Sec	0	15	30			
2	0	0	0	0	12.45		
45	0	0	0	0			
46	0	0	0	0			
47	0	0	0	0			
48	0	0	0	0			
49	0	0	0	0			
50	0	0	0	0			
51	0	0	0	0			
52	0	0	0	0			
53	0	0	0	0			
54	0	0	0	0			
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Observer's Name (Print)  
**GARY KUBESKI**

Observer's Signature  
*Gary Kubeski*      Date **02-MAR-04**

Organization  
**FDEP**

Certified By  
**ETA**      Date **FEB 14, 04**