



March 10, 1988

Dr. Richard Garrity, Ph.D.  
Florida Department of  
Environmental Regulation  
4520 Oak Fair Boulevard  
Tampa, Florida 33610-7347

Air Engineering Department  
Hillsborough County Environmental  
Protection Commission  
1410 N. 21st Street  
Tampa, Florida 33605

RE: Tampa Electric Company  
Visible Emission Test  
Gannon Combustion Turbine  
Permit No. A029-85099

Gentlemen:

Enclosed please find a copy of a Visible Emission (VE) test report for the Gannon Combustion Turbine. The VE test was performed on March 2, 1988 as scheduled following notification to the Hillsborough County Environmental Protection Commission. As summarized in the report, the average opacity was 0%.

If you have any questions concerning this report, please contact me.

Sincerely,

A. Spencer Autry  
Manager  
Environmental Planning

ASA/tap/018/HH1

Enclosure

D. E. R.

MAR 11 1988

SOUTH WEST DISTRICT  
TAMPA

SOURCE NAME <i>Combustion Turbine</i>		SOURCE LOCATION <i>Gannon Station</i>		OBSERVATION DATE <i>3/2/88</i>		START TIME <i>0904</i>		STOP TIME <i>0934</i>					
TYPE OF FACILITY <i>Oil Fired Combustion Turbine</i>		SEC. MIN	0	15	30	45	SEC. MIN	0	15	30	45		
DISTANCE FROM OBSERVER <i>apx. 100 ft</i>		1	0	0	0	0	31						
SKY CONDITIONS/PLUME BACKGROUND <i>Clear/Blue</i>		2	0	0	0	0	32						
<p style="text-align: center;">SOURCE LAYOUT SKETCH      DRAW NORTH ARROW</p> <p style="text-align: center;">X EMISSION POINT</p> <p style="text-align: center;">OBSERVERS POSITION</p> <p style="text-align: center;">SUN LOCATION LINE</p> <p style="text-align: center;">140°</p> <p>SUN →      WIND →</p>		3	0	0	0	0	33						
		4	0	0	0	0	34						
		5	0	0	0	0	35						
		6	0	0	0	0	36						
		7	0	0	0	0	37						
		8	0	0	0	0	38						
		9	0	0	0	0	39						
		10	0	0	0	0	40						
		AVERAGE OPACITY - <i>0%</i>		11	0	0	0	0	41				
		WIND SPEED (EST.) <i>0-2 mph</i>		12	0	0	0	0	42				
WIND DIRECTION (EST.) <i>ENE</i>		13	0	0	0	0	43						
OBSERVER'S NAME (PRINT) <i>David B. Jellerson</i>		14	0	0	0	0	44						
OBSERVER'S SIGNATURE <i>David B. Jellerson</i>		15	0	0	0	0	45						
DATE <i>3/2/88</i>		16	0	0	0	0	46						
COMMENTS <i>load = 13 MW</i>		17	0	0	0	0	47						
<i>Fuel Consumed = 776 gal (1552 gph)</i>		18	0	0	0	0	48						
		19	0	0	0	0	49						
		20	0	0	0	0	50						
		21	0	0	0	0	51						
COPY OF VISIBLE EMISSIONS CERTIFICATION CARD		22	0	0	0	0	52						
		23	0	0	0	0	53						
		24	0	0	0	0	54						
		25	0	0	0	0	55						
		26	0	0	0	0	56						
		27	0	0	0	0	57						
		28	0	0	0	0	58						
		29	0	0	0	0	59						
		30	0	0	0	0	60						

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

THIS IS TO CERTIFY THAT

DAVID B. JELLESON HAS COMPLETED THE STATE OF FLORIDA VISIBLE EMISSIONS EVALUATION TRAINING EPA REFERENCE METHOD 9.  
THIS CERTIFICATE EXPIRES Mar 8, 1988

*Judi Seaw*      *David B. Jellerson*  
CERTIFICATE OFFICER      BEARER'S SIGNATURE