

STATE APIS  
12-3

INSPECTION REPORT FORM  
AIR POLLUTANT EMISSION SOURCES

FACILITY TAMPA ELECTRIC GANNON STATION		DISTRICT 40	COUNTY 29
ADDRESS PORT SUTTON		CONTACT BOB STAFFORD NEIL OAKES	
APIS # 040-11	PERMIT # A029-80046	EXPIRATION DATE	
SOURCE DESCRIPTION #5 and #6 FLY ASH SILO (040-11)			
INSPECTION DATE 11/13/85	AUDIT TYPE 3	COMPLIANCE STATUS 3	
INSPECTION COMMENTS/RECOMMENDATIONS An interim compliance V.C. was being conducted at the above referenced source. Unit 6 was out of line due to a service outage. TECO insisted that a second V.C. test will be done when both units operate concurrently (as stipulated in the permit). The interim test was invalidated since the compliance test observer did not have a clear view of the exhaust vent and was, instead, viewing a blocked area in the proximity of the actual exhaust vent. After the EPC inspectors verified this problem and brought it to TECO's attention, it was agreed to grant TECO a compliance test extension and test both units later. Mr. Stafford will call to schedule this test. EXHIBIT #1 describes the blocked vent area. EXHIBIT #2 describes the actual vent area.			
INSPECTOR(S) NAME(S) CARLOS C. GONZALEZ / mds			
SIGNATURE(S) [Signature] / Michael D. Sileott		DATE 11-13-85	

attachments.

11/13/85 (Bob Stafford / Neil Oakes)

#5 Pariprotin ≈ 16 ash Poppers 4 system for conveying into common header for silo. Formerly by pressurized transport system that feeds on times. Pariprotin as permit.

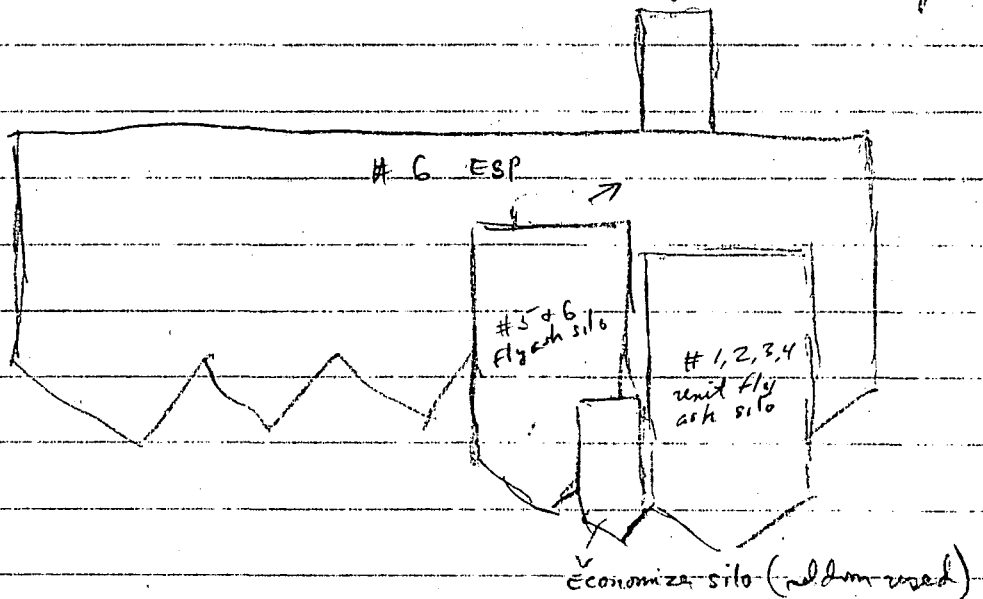
Truck loads by telescopic chutes with vacuum system to byhouse. Field ramp has scale truck loads @ 25 tons per time.

#5 Boiler 240 MW. (full load) per Neil Oakes.

#6 unit is down (NO V.E.) crane ready to raise materials to top of ESP duct. Side car also running.

No truck ~~loading~~ loading anticipated since level on silo was @ 15 feet, too low for proper gravity loading.

All unit but air running. No V.E. from all operating units.



VIEW FROM IMC grounds.

**BEST AVAILABLE COPY**  
**TABLE EMISSION OBSERVATION FOR**

EXHIBIT - 1

SOURCE NAME <b>TECO - GANNON</b>			OBSERVATION DATE <b>11-13-85</b>				START TIME <b>1:20</b>		STOP TIME			
ADDRESS <b>PORT SUTTON</b>			54C			54C						
			M	0	15	30	45	M	0	15	30	45
<b>#1 FLVASH SILO</b>			1	0	0	0	0	31				
CITY <b>TAMPA</b>			2	0	0	0	0	32				
STATE <b>FL.</b>			3	0	0	0	0	33				
ZIP			4	0	0	0	0	34				
PHONE			5	0	0	0	0	35				
SOURCE ID NUMBER			6	0	0	0	0	36				
PROCESS EQUIPMENT <b>SILO</b>			7	0	0	0	0	37				
OPERATING MODE			8	0	0	0	0	38				
CONTROL EQUIPMENT <b>BAGHOUSE</b>			9	0	0	0	0	39				
OPERATING MODE			10	0	0	0	0	40				
DESCRIBE EMISSION POINT <b>BAGHOUSE VENT</b>			11	0	0	0	0	41				
HEIGHT ABOVE GROUND LEVEL <b>100'</b>			12	0	0	0	0	42				
HEIGHT RELATIVE TO OBSERVER <b>100'</b>			13					43				
DISTANCE FROM OBSERVER <b>200'</b>			14					44				
DIRECTION FROM OBSERVER <b>NORTH</b>			15					45				
DESCRIBE EMISSIONS <b>N/A</b>			16					46				
EMISSION COLOR <b>N/A</b>			17					47				
PLUME TYPE: CONTINUOUS <input type="checkbox"/>			18					48				
FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>			19					49				
WATER DROPLETS PRESENT <b>NO</b> <input type="checkbox"/> <b>YES</b> <input type="checkbox"/>			20					50				
IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>			21					51				
AT WHAT POINT IN THE PLUME WAS OPACITY DETERMINED <b>LIP OF VENT</b>			22					52				
DESCRIBE BACKGROUND <b>ESP HOUSING</b>			23					53				
BACKGROUND COLOR <b>TAN</b>			24					54				
SKY CONDITIONS <b>30% CLOUDS</b>			25					55				
WIND SPEED <b>10-15</b>			26					56				
WIND DIRECTION <b>EAST</b>			27					57				
AMBIENT TEMPERATURE <b>80°F</b>			28					58				
RELATIVE HUMIDITY <b>50%</b>			29					59				
SOURCE LAYOUT SKETCH DRAW NORTH ARROW			30					60				
			AVERAGE OPACITY FOR HIGHEST PERIOD <b>0%</b>				NUMBER OF READINGS ABOVE <b>5% WERE 0</b>					
			RANGE OF OPACITY READINGS <b>0% MINIMUM 0% MAXIMUM</b>									
COMMENTS			OBSERVER'S NAME (PRINT) <b>MICHAEL D. SILCOTT</b>									
			OBSERVER'S SIGNATURE <i>Michael D. Silcott</i>						DATE <b>11-13-85</b>			
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			ORGANIZATION <b>HC/EPC</b>									
			CERTIFIED BY <b>ETA</b>						DATE <b>9-11-85</b>			
SIGNATURE <i>Roger S. Stafford</i>			DATE <b>11/13/85</b>			VERIFIED BY			DATE			
TITLE <b>TECHNICIAN</b>												

SOURCE NAME <b>TECO - GANNON</b>			OBSERVATION DATE <b>11-13-85</b>				START TIME <b>2:04</b>		STOP TIME <b>2:16</b>				
ADDRESS <b>PORT SUTTON</b>			SEC M	0	15	30	45	SEC M	0	15	30	45	
<b>#1 FLYASH SILO</b>			1	0	0	0	0	31					
CITY <b>TAMPA</b>	STATE <b>FL.</b>	ZIP	2	0	0	0	0	32					
PHONE	SOURCE ID NUMBER		3	0	0	0	0	33					
PROCESS EQUIPMENT <b>SILO</b>		OPERATING MODE	4	0	0	0	0	34					
CONTROL EQUIPMENT <b>BAGHOUSE</b>		OPERATING MODE	5	0	0	0	0	35					
DESCRIBE EMISSION POINT <b>BAGHOUSE VENT</b>			6	0	0	0	0	36					
HEIGHT ABOVE GROUND LEVEL <b>100'</b>		HEIGHT RELATIVE TO OBSERVER <b>0'</b>	7	0	0	0	0	37					
DISTANCE FROM OBSERVER <b>16'</b>		DIRECTION FROM OBSERVER <b>SW</b>	8	0	0	0	0	38					
DESCRIBE EMISSIONS			9	0	0	0	0	39					
EMISSION COLOR		PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>	10	0	0	0	0	40					
WATER DROPLETS PRESENT <b>NO</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/>		IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	11	0	0	0	0	41					
AT WHAT POINT IN THE PLUME WAS OPACITY DETERMINED <b>LIP OF DEFLECTOR SHIELD</b>			12	0	0	0	0	42					
DESCRIBE BACKGROUND <b>BAGHOUSE HOUSING</b>			13					43					
BACKGROUND COLOR <b>TAN</b>		SKY CONDITIONS <b>30% CLOUDS</b>	14					44					
WIND SPEED <b>10-15</b>		WIND DIRECTION <b>EAST</b>	15					45					
AMBIENT TEMPERATURE <b>80°</b>		RELATIVE HUMIDITY <b>50%</b>	16					46					
SOURCE LAYOUT SKETCH DRAW NORTH ARROW			17					47					
<p><b>NO SUN</b></p> <p><b>BAGHOUSE VENT</b> <b>FAN</b> <b>EMISSION POINT</b> <b>SUN SHADOW LINE</b> <b>OBSERVERS POSITION</b></p>			18					48					
			19					49					
			20					50					
			21					51					
			22					52					
			23					53					
			24					54					
			25					55					
			26					56					
			27					57					
AVERAGE OPACITY FOR HIGHEST PERIOD <b>0%</b>			28					58					
NUMBER OF READINGS ABOVE RANGE OF OPACITY READINGS <b>0% MINIMUM 0% MAXIMUM</b>			29					59					
OBSERVER'S NAME (PRINT) <b>MICHAEL D. SILCOTT</b>			30					60					
OBSERVER'S SIGNATURE <i>Michael D. Silcott</i>			DATE <b>11-13-85</b>										
ORGANIZATION <b>HC/EPC</b>			CERTIFIED BY <b>ETA</b>										
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			DATE <b>9-11-85</b>										
SIGNATURE <i>Ralph E. Standa</i>			VERIFIED BY <b>ETA</b>										
TITLE <b>TECHNICAL</b>			DATE <b>11/13/85</b>										