

APIS
11-26-86

INSPECTION REPORT FORM
AIR POLLUTANT EMISSION SOURCES

D. E. R.

DEC 02 1986

FACILITY TECO - GANNON		DISTRICT 40	COUNTY SOUTH WEST DISTRICT TAMPA
ADDRESS PORT SUTTON RD TAMPA		CONTACT BOB STAFFORD / DAVID JELLERSON	
APIS # 040-11	PERMIT # A029-80046	EXPIRATION DATE 5-30-89	
SOURCE DESCRIPTION FLY ASH SILO UNITS 5 & 6			
INSPECTION DATE 11-14-86	AUDIT TYPE III	COMPLIANCE STATUS 3	
INSPECTION COMMENTS/RECOMMENDATIONS THIS WAS AN ANNOUNCED COMPLIANCE INSPECTION CONDUCTED WHILE ANNUAL COMPLIANCE TESTING WAS BEING CONDUCTED. POINT 11 IS THE FLY ASH SILO THAT RECEIVES MATERIAL FROM UNITS 5 & 6 AND IS CONTROLLED BY A BAGHOUSE. UNIT #5 WAS GENERATING POWER AT A RATE OF 3278 MW AND UNIT #6 WAS GENERATING POWER AT A RATE OF 2308 MW AS READ ON CONTROL ROOM READ OUT. THE IN STACK CEM OPACITY READINGS WERE #5 = 6% #6 = 12 TO 14%. CONDUCTING THE VE COMPLIANCE TEST WAS DAVID JELLERSON OF TECO. THE CONVEYANCE BLOWER WAS SHUT OFF 1 HOUR PRIOR TO THE TEST AND ALL CONVEYANCE HOPPERS WERE OPERATIONAL WITH NO REINJECTION OF FLY ASH TO THE BOILER. THE EPC INSPECTOR PERFORMED A VISIBLE EMISSIONS TEST (ATTACHED) WHICH REVEALED A HIGHEST 6 MIN. OPACITY OF 1.6%. NO PROBLEMS WERE DETECTED DURING THIS INSPECTION. A FLY ASH LEAKAGE AT THE #6 FLY ASH DISTRIBUTION TANK WHICH WAS DETECTED DURING A RECENT INSPECTION HAS SINCE BEEN REPAIRED WITH SEALING COMPOUND.			
INSPECTOR(S) NAME(S) MICHAEL D. SILCOTT			
SIGNATURE(S) Michael D. Silcott		DATE 11-14-86	

SOURCE NAME TECO - GANNON			OBSERVATION DATE 11-14-86				START TIME 9:37		STOP TIME 9:49				
ADDRESS			M		SEC		M		SEC				
CITY STATE ZIP													
PHONE SOURCE ID NUMBER			1	0	0	0	0	31					
PROCESS EQUIPMENT Fly Ash Silo 5 1/2			OPERATING MODE		2	0	0	0	0	32			
CONTROL EQUIPMENT PACKAGED			OPERATING MODE		3	0	0	0	0	33			
DESCRIBE EMISSION POINT 17.500 VERT. UPR. DUCT			4	0	0	0	0	34					
HEIGHT ABOVE GROUND LEVEL 200 FT		HEIGHT RELATIVE TO OBSERVER 15'		5	0	0	40	0	35				
DISTANCE FROM OBSERVER 25'		DIRECTION FROM OBSERVER 100°		6	0	0	0	0	36				
DESCRIBE EMISSIONS FLY ASH			7	0	0	0	0	37					
EMISSION COLOR BROWN		PLUME TYPE: CONTINUOUS <input type="checkbox"/>		8	0	0	0	0	38				
WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		9	0	0	0	0	39				
AT WHAT POINT IN THE PLUME WAS OPACITY DETERMINED AT THE DEFLECTOR			IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		10	0	0	0	0	40			
DESCRIBE BACKGROUND FLY ASH THROUGH			11	0	0	0	0	41					
BACKGROUND COLOR BROWN		SKY CONDITIONS 70% OC		12	0	0	0	0	42				
WIND SPEED 20-25 MPH		WIND DIRECTION NORTH EAST		13					43				
AMBIENT TEMPERATURE 70°		RELATIVE HUMIDITY 50%		14					44				
SOURCE LAYOUT SKETCH DRAW NORTH ARROW			15					45					
			16					46					
			17					47					
			18					48					
			19					49					
			20					50					
			21					51					
			22					52					
			23					53					
			24					54					
			25					55					
COMMENTS			26					56					
			27					57					
			28					58					
			29					59					
			30					60					
			AVERAGE OPACITY FOR HIGHEST PERIOD 1.6%				NUMBER OF READINGS ABOVE 5 WERE 1						
			RANGE OF OPACITY READINGS 0% MINIMUM 40% MAXIMUM										
			OBSERVER'S NAME (PRINT) MICHAEL D. SILCOTT										
			OBSERVER'S SIGNATURE <i>Michael D. Silcott</i>				DATE 11-14-86						
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			ORGANIZATION HC/EPC										
SIGNATURE			CERTIFIED BY ETA				DATE 9/86						
TITLE			VERIFIED BY				DATE						