

INSPECTION REPORT EXECUTIVE SUMMARY

PLANT NAME TECO - GANNON NEDS 040 DATE/TIME 7/25/84 3:00 - 4:15

PLANT LOCATION U.S. 41 South # OF NEDS POINTS 11

PROCESS DESCRIPTION Boiler UNIT 1-6 including precipitators and other operations such fly ash handling / storage, coal yard an economizer ash silo, and fly ash silos (all under permits)

COMPLIANCE VERIFICATION ENFORCEMENT (X) PERMIT REVIEW OTHER (X) Type II on 03

PERSONS CONTACTED-TITLE

NEDS POINTS CHECKED 01-11 NEDS POINTS IN COMPLIANCE 01-11 NEDS POINTS IN VIOLATION

SUMMARY OF FINDINGS Boiler units 1 thru 5 was audited by visiting and collecting various operating parameter data (see attachment). Unit # 6 was down and repaired by inspection. The load on unit # 3 was being gradually increased for testing (precipitator efficiency by Combustion Engineering). Precipitator # 4 was inspected with voltages ranging from 210-350 volt AC. Due to time constraints, the remaining precipitators were not inspected. Mr. Smith indicated the new precipitator was to be installed on # 1 and # 2 during their conversion to coal fuel.

The following data on # 2 unit was used as a guideline for inspection

125 MW -> 1257 MM BTU / HR

Fuel - # 6 fuel oil

Steam flow 950 K # / HR

Steam temp - 1000 F

press - 1580 psig

D.E.R.

INSPECTION COMMENTS FOR APIS (LIMIT 50 SPACES)

AUG 30 1984

SOUTH WEST DISTRICT TAMPA

INSPECTOR'S SIGNATURE [Signature]

TECO

TAMPA ELECTRIC COMPANY

040-11D

RECORD OF VISIBLE EMISSIONS

A029-80046

Plant F. S. Gannon

Date 11-6-84

Wind Direction and Speed North; 5-20 mph

Stack Ash Silo (Units 5+6)

Time 0905 to 0935

Observer Glenn Naslund

min. \ sec.	0	15	30	45
0	0	0	0	0
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	0	0	0	0
9	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
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
28	0	0	0	0
29	0	0	0	0

min. \ sec.	0	15	30	45
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
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41				
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56				
57				
58				

Sum of # Recorded 0

Total # of Readings 120

Opacity = $\frac{\text{Sum of \# Recorded}}{\text{Total \# of Readings}}$ = 0%

Remarks Clear Skies, Cool Temp.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

THIS IS TO CERTIFY THAT

Glenn Naslund has completed the STATE OF FLORIDA visible emissions evaluation training and is a qualified observer of visible emissions as specified by EPA reference method 9. This certificate expires on March 15, 1985

Judi Seaman Certification Officer
Glenn Naslund Bearer's Signature