

R. H. SEE & CO.

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MANUFACTURERS' REPRESENTATIVE

March 13, 1984

RECEIVED

APR 12 1984

M.C.E.P.C.

Tampa Electric Company
P. O. Box 111
Tampa, Florida 33601

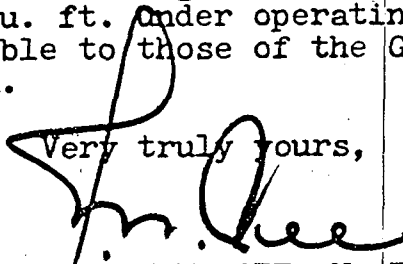
Attention: Mr. Patrick Ho
Environmental Planning

Reference: 1F3-24 MIKRO-PULSAIRE Collector
S/N 73-H-304 (Gannon Units 5 & 6)

Dear Mr. Ho:

With respect to performance of the fly ash silo mounted MIKRO-PULSAIRE unit referenced above, we should expect solids concentration exiting to atmosphere not to exceed 0.02 grains/cu. ft. under operating conditions generally comparable to those of the Gannon No. 4 Economizer System.

Very truly yours,



ROBERT H. SEE, N. E. REP.

MikroPul Corporation

RHS/ks

cc: MC
Linder Industrial Mchy. Co.

INSPECTION REPORT EXECUTIVE SUMMARY

COMPANY NAME: TECO NEDS: 40 DATE/TIME: 1/10/84 PM

PLANT LOCATION: Common Station # OF POINTS: _____

PROCESS DESCRIPTION: Unit #4 / Flyash Silos 1-4 & 5-6

TYPE OF INSPECTION:

COMPLIANCE VERIFICATION	()	PERMIT REVIEW	(X)
EMISSIONS INVENTORY	()	OTHER	()

PERSONS CONTACTED/TITLE: Patrick Ho & Jim Nail

OF POINTS CHECKED: 4 # IN COMPLIANCE: _____ # IN VIOLATION: _____

SUMMARY OF FINDINGS: Source was down during my visit. The coal-fired unit will not operate without the ESP which is the opposite practice of when it was oil-fired. The ESP is a new unit and the most recent compliance test was conducted with it operating at 75% of plate capacity. Still the particulate emissions were only 1/3 of the standards. Dependence on the boiler and the coal characteristics the unit could be in a sootblowing mode 50% of the time. Daily logs listed in the O&M plan were checked. The flyash silos have VEs on the outlet points but not on the pickup points or the trucks themselves. No trucks were loaded during my visit.

RECOMMENDATIONS, IF ANY:

VEs should be conducted on the truck loadings.

REFERRED TO:

INSPECTOR'S SIGNATURE: Jerry Campbell