



Department of Environmental Protection

CERTIFIED MAIL

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

OCT 11 1994

Mr. Patrick A. Ho, P.E., Manager
Environmental Planning
Tampa Electric Company (TEC)
Post Office Box 111
Tampa, Florida 33601-0111

Hillsborough County

NOTICE OF PERMIT AMENDMENTS

RE: FDEP Permits: AO29-204434 - F.J. Gannon Station No. 1
AO29-172179 - F.J. Gannon Station No. 3
AO29-160269 - F.J. Gannon Station No. 4
AO29-203511 - F.J. Gannon Station No. 5
AO29-203512 - F.J. Gannon Station No. 6

On September 2, 1994, the Southwest District Office of the Department of Environmental Protection (Department), received your request for amendments to the above listed FDEP air pollution operating permits. The Department has reviewed and approved the request and hereby amends FDEP Permits AO29-204434, AO29-172179, AO29-160269, AO29-203511, and AO29-203512 as follows:

FDEP Permit AO29-204434, Specific Condition No. 6.

Change Specific Condition No. 6 to read as follows:

6. This source shall be stack tested for particulate matter and visible emissions under both sootblowing and non-sootblowing operating conditions, and for sulfur dioxide emissions, annually, within 90 days prior to the date of February 19. A test under sootblowing conditions which demonstrates compliance with a non-sootblowing emission limitation will be accepted as proof of compliance with that non-sootblowing emission limitation. Compliance with the visible emissions limitation shall be demonstrated using EPA Method 9 and shall be conducted by a certified observer and be a minimum of 60 minutes in duration. Visible emissions testing shall be conducted simultaneously with particulate matter testing unless visible emissions testing is not required.

(Continued On Next Page)

Mr. Patrick A. Ho, P.E.
Tampa Electric Company (TEC)

F.J. Gannon Sta. Units 1, 3-6

FDEP Permit AO29-204434, Specific Condition No. 6. (Continued)

In situations where DER Method 9 visible emissions testing is not possible during particulate matter testing, such as under overcast days, independent visible emissions testing may be performed at a later date within but not more than 5 days. Reasons for non-simultaneous testing must be provided in the test report. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring* and 40 CFR 60, Appendix A. A copy of the test data shall be submitted to both the Air Management Division, Environmental Protection Commission of Hillsborough County and the Air Compliance Section of the Southwest District of the Florida Department of Environmental Protection, within 45 days of testing. [Rules 62-297.570(2), 62-297.330(1)(b), 62-297.310, and 62-297.340(1)(d), F.A.C.]

FDEP Permit AO29-172179, Specific Condition No. 5.

Change Specific Condition No. 5 to read as follows:

5. This source shall be stack tested for particulate matter and visible emissions under both sootblowing and non-sootblowing operating conditions, and for sulfur dioxide emissions, annually, within 90 days prior to the date of November 13. A test under sootblowing conditions which demonstrates compliance with a non-sootblowing emission limitation will be accepted as proof of compliance with that non-sootblowing emission limitation. Compliance with the visible emissions limitation shall be demonstrated using EPA Method 9 and shall be conducted by a certified observer and be a minimum of 60 minutes in duration. Visible emissions testing shall be conducted simultaneously with particulate matter testing unless visible emissions testing is not required. In situations where DER Method 9 visible emissions testing is not possible during particulate matter testing, such as under overcast days, independent visible emissions testing may be performed at a later date within but not more than 5 days. Reasons for non-simultaneous testing must be provided in the test report. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring* and 40 CFR 60, Appendix A. A copy of the test data shall be submitted to both the Air Management Division, Environmental Protection Commission of Hillsborough County and the Air Compliance Section of the Southwest District of the Florida Department of Environmental Protection, within 45 days of testing. [Rules 62-297.570(2), 62-297.330(1)(b), 62-297.310, and 62-297.340(1)(d), F.A.C.]

Mr. Patrick A. Ho, P.E.
Tampa Electric Company (TEC)

F.J. Gannon Sta. Units 1, 3-6

FDEP Permit AO29-160269, Specific Condition No. 5.

Change Specific Condition No. 5 to read as follows:

5. This source shall be stack tested for particulate matter and visible emissions under both sootblowing and non-sootblowing operating conditions, and for sulfur dioxide emissions, annually, within 90 days prior to the date of May 9. A test under sootblowing conditions which demonstrates compliance with a non-sootblowing emission limitation will be accepted as proof of compliance with that non-sootblowing emission limitation. Compliance with the visible emissions limitation shall be demonstrated using EPA Method 9 and shall be conducted by a certified observer and be a minimum of 60 minutes in duration. Visible emissions testing shall be conducted simultaneously with particulate matter testing unless visible emissions testing is not required. In situations where DER Method 9 visible emissions testing is not possible during particulate matter testing, such as under overcast days, independent visible emissions testing may be performed at a later date within but not more than 5 days. Reasons for non-simultaneous testing must be provided in the test report. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring* and 40 CFR 60, Appendix A. A copy of the test data shall be submitted to both the Air Management Division, Environmental Protection Commission of Hillsborough County and the Air Compliance Section of the Southwest District of the Florida Department of Environmental Protection, within 45 days of testing. [Rules 62-297.570(2), 62-297.330(1)(b), 62-297.310, and 62-297.340(1)(d), F.A.C.]

FDEP Permit AO29-203511, Specific Condition No. 6.

Change Specific Condition No. 6 to read as follows:

6. This source shall be stack tested for particulate matter and visible emissions under both sootblowing and non-sootblowing operating conditions, and for sulfur dioxide emissions, annually, within 90 days prior to the date of April 15. A test under sootblowing conditions which demonstrates compliance with a non-sootblowing emission limitation will be accepted as proof of compliance with that non-sootblowing emission limitation. Compliance with the visible emissions limitation shall be demonstrated using EPA Method 9 and shall be conducted by a certified observer and be a minimum of 60 minutes in duration. Visible emissions testing shall be conducted simultaneously with particulate matter testing unless visible emissions testing is not required.

(Continued On Next Page)

Mr. Patrick A. Ho, P.E.
Tampa Electric Company (TEC)

F.J. Gannon Sta. Units 1, 3-6

FDEP Permit AO29-203511, Specific Condition No. 6. (Continued)

In situations where DER Method 9 visible emissions testing is not possible during particulate matter testing, such as under overcast days, independent visible emissions testing may be performed at a later date within but not more than 5 days. Reasons for non-simultaneous testing must be provided in the test report. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring* and 40 CFR 60, Appendix A. A copy of the test data shall be submitted to both the Air Management Division, Environmental Protection Commission of Hillsborough County and the Air Compliance Section of the Southwest District of the Florida Department of Environmental Protection, within 45 days of testing. [Rules 62-297.570(2), 62-297.330(1)(b), 62-297.310, and 62-297.340(1)(d), F.A.C.]

FDEP Permit AO29-203512, Specific Condition No. 6.

Change Specific Condition No. 6 to read as follows:

6. This source shall be stack tested for particulate matter and visible emissions under both sootblowing and non-sootblowing operating conditions, and for sulfur dioxide emissions, annually, within 90 days prior to the date of June 19. A test under sootblowing conditions which demonstrates compliance with a non-sootblowing emission limitation will be accepted as proof of compliance with that non-sootblowing emission limitation. Compliance with the visible emissions limitation shall be demonstrated using EPA Method 9 and shall be conducted by a certified observer and be a minimum of 60 minutes in duration. Visible emissions testing shall be conducted simultaneously with particulate matter testing unless visible emissions testing is not required. In situations where DER Method 9 visible emissions testing is not possible during particulate matter testing, such as under overcast days, independent visible emissions testing may be performed at a later date within but not more than 5 days. Reasons for non-simultaneous testing must be provided in the test report. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring* and 40 CFR 60, Appendix A. A copy of the test data shall be submitted to both the Air Management Division, Environmental Protection Commission of Hillsborough County and the Air Compliance Section of the Southwest District of the Florida Department of Environmental Protection, within 45 days of testing. [Rules 62-297.570(2), 62-297.330(1)(b), 62-297.310, and 62-297.340(1)(d), F.A.C.]

Mr. Patrick A. Ho, P.E.
Tampa Electric Company (TEC)

F.J. Gannon Sta. Units 1, 3-6

A person whose substantial interests are affected by these permit amendments may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this permit amendment. The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under section 120.57 Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and the telephone number of each petitioner, the applicant's name and address, the Department Permit File Numbers and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrants reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in these permit amendments. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice, in the Office of General Counsel at the above address of the Department. Failure to petition within the allotted time frame constitutes a waiver of any rights such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

(Continued on Next Page)

Is your RETURN ADDRESS completed on the reverse side?

SENDER: #A029-160269, 172179, 203511, 512, 204434 JT

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

MR PATRICK A. HO
 MGR ENV PLANNING
 TAMPA ELECTRIC CO
 PO BOX 111
 TAMPA FL 33601-0111

4a. Article Number

P 648 755 168

4b. Service Type

- Registered Insured
- Certified COD
- Express Mail Return Receipt for Merchandise

7. Date of Delivery

OCT 13 1994

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

R Clark
R Clark

PS Form 3811, December 1991 *U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER: #A029-160269, 172179, 203511, 512, 204434 JT

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

MS JANICE TAYLOR
 TAMPA ELECTRIC CO
 PO BOX 111
 TAMPA FL 33601-0111

4a. Article Number

P 648 755 169

4b. Service Type

- Registered Insured
- Certified COD
- Express Mail Return Receipt for Merchandise

7. Date of Delivery

OCT 12 1994

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

R Clark
R Clark

PS Form 3811, December 1991 *U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

Mr. Patrick A. Ho, P.E.
Tampa Electric Company (TEC)

F.J. Gannon Sta. Units 1, 3-6

These permit amendments are final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit amendment will not be effective until further Order of the Department.


When the Order (Permit Amendments) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of

General Counsel, 2600 Blair Street Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

This letter or a copy of this letter must be attached to and become a part of FDEP Permits A029-204434, A029-172179, A029-160269, A029-203511, and A029-203512.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



For Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

copy to: Ms. Janice Taylor - TEC
Mr. Richard Kirby, EPCHC

4tecxxx1.pmt

P 648 755 368



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

MR PATRICK A. HO
MGR ENV PLANNING
TAMPA ELECTRIC CO
PO BOX 111
TAMPA FL 33601-0111

P 648 755 368



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

MS JANICE TAYLOR
TAMPA ELECTRIC CO
PO BOX 111
TAMPA FL 33601-0111

PS Form 3800, June 1990

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	OCT 11 1994
A029-160269 - 203512	
" - 172179 - 204434	
" - 203511	

PS Form 3800, June 1990

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	OCT 11 1994
A029-160269 - 203512	
" - 172179 - 204434	
" - 203511	

Mr. Patrick A. Ho, P.E.
Tampa Electric Company (TEC)

F.J. Gannon Sta. Units 1, 3-6

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT AMENDMENTS and all copies were mailed before the close of business on OCT 11 1994 to the listed persons.

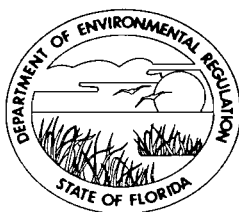
FILING AND ACKNOWLEDGEMENT FILED,
on this date, pursuant to Section
120.52(11), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Marilyn Quiske
Clerk

OCT 11 1994
Date

File copy

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610

813-985-7402
SunCom - 570-8000

BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

DR. RICHARD D. GARRITY
DISTRICT MANAGER

June 12, 1986

Mr. A. Spencer Autry, Manager
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

RE: Modification of Conditions
Permit No. A029-47728

Dear Mr. Autry:

We are in receipt of your request for a modification of the permit conditions.
The conditions are changed as follows:

Specific Condition No. 1

From:

1. Test the emissions for the following pollutant(s) at intervals of 12 months from date of July 29, 1981 and submit a copy of test data to the District Engineer of this agency within fifteen days of such testing. (Chapter 17-2.700(2), F.A.C.)

- | | |
|-------------------|--------------------------|
| (X) Particulates | (X) Sulfur Oxides* |
| () Fluorides | () Nitrogen Oxides |
| (X) Plume Density | () Hydrocarbons |
| | () Total Reduced Sulfur |

*Fuel analysis is acceptable

To:

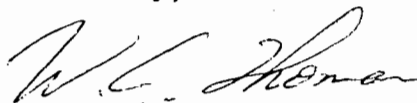
1. This unit shall be stack tested for particulate matter (under both soot blowing and non-soot blowing operating conditions), sulfur dioxide and visible emissions at intervals of 12 months from the date of July 29, 1981 or within a ninety (90) day period prior to this date. The Method 9 Test period on this source shall be sixty (60) minutes. Testing procedures shall be consistent with the requirements of Section 17-2.700, F.A.C. Two copies of test data shall be submitted to the Air Section of the Hillsborough County Environmental Protection Commission Office within forty-five days of such testing.

Mr. A. Spencer Autry, Manager
Tampa, FL

Page Two

This letter must be attached to your permit and becomes a part of that permit.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. C. Thomas".

W. C. Thomas, P.E.
District Air Engineer

JWE/js

08/13/82

DER AIR PERMIT INVENTORY SYSTEM
SOUTHWEST DISTRICT HILLSBOROUGH COUNTY

40/29/0040/05
PAGE 1

PLANT 0040 TECO GANNON PLANT
PORT SUTTON ROAD
TAMPA
W JOHNSON
P O BOX 111
TAMPA

PRIVATE FILE STATUS NEW ADD
POWER PLANT
FL. 33604
AOCR=052 SIC=4911
LAT=28:02:32N LON=82:25:34W
UTM ZONE 17 .0KM E. .0KM N.

. 33604

POINT 05 CONST PATS# OPER PATS# A029-7102
ISS= / / EXP= / / ISS=09/27/78 EXP=07/01/83
GANNON #5 COAL FIRED
SOURCE= IPP=40 ECAP=2 COMM.PNTS. -
STACK HT= 306FT DIAM=14.6FT TEMP= 288F FLOW= 681000CFM PLUME= 0FT
BOILER CAP= 2284MBTU/HR FUEL FOR SPACE HEAT= .0%
OPERATING PROCESS RATES YOR=78 RAW MATERIAL= 93 OTHER
PRODUCT 0 OTHER FUEL 93 OTHER
NORMAL COND. DEC-FEB=25% MAR-MAY=25% JUN-AUG=25% SEP-NOV=25%
PERMIT SCHEDULE HRS/DAY DAYS/WK WKS/YR
AOR FOR / / HRS/DAY DAYS/WK WKS/YR
COMPLIANCE NEDS=1 QRC= UPDATE / / SCHED. / / UPDATED / /
PERMIT= YOR= INSPECTED / / NEXT DUE /00/00

SCC'S H

1-01-002-01 YOR= SOURCE=B RATE= 530527 MAX= 93.400
FUEL CONT SO2=1.90% ASH= 9.2% 24MBTU FYOR= CONFID=2

POLLUTANTS MONITORED

TSP 44404 NORM= 235.60 EST/METH= 202/2 MAX.ALW= 873 TNS/YR.
CTIS.PRT= 0 SEC= 0 EFF=99.0% NEXT DUE 04/06/83 TEST/FREQ=1
TESTED 04/06/82 AGENCY=3 REG=600(S)(B) COMPLIANCE=1
EMITTED= 34.20 ALLOWED= 222.000 RS/HR OP-RATE= 2228 MBTU/P
CO 42404 NORM= 0.00 EST/METH= 265/3 MAX.ALW= 0 TNS/YR.
CTIS.PRT= 0 SEC= 0 EFF= 0.0% NEXT DUE / / TEST/FREQ=
SO2 42404 NORM= 56.54 EST/METH= 17774/2 MAX.ALW= 20964 TNS/YR.
CTIS.PRT= 0 SEC= 0 EFF= 0.0% NEXT DUE 04/06/83 TEST/FREQ=
TESTED 04/06/82 AGENCY=3 REG=600(S)(B) COMPLIANCE=1
EMITTED= 4904.00 ALLOWED= 5346.000 RS/HR OP-RATE= 2228 MBTU/P
NOX 42403 NORM= 0.00 EST/METH= 7958/3 MAX.ALW= 0 TNS/YR.
CTIS.PRT= 0 SEC= 0 EFF= 0.0% NEXT DUE / / TEST/FREQ=
TESTED 00/00/78 AGENCY= REG= COMPLIANCE=
EMITTED= 12.35 ALLOWED= 0.000 RS/HR OP-RATE= 0 OTHER

HILLSBOROUGH COUNTY ENVIRONMENTAL PROTECTION COMMISSION
ANNUAL OPERATING REPORT

Representing Calendar Year 1984
Date Submitted: _____

SECTION I - GENERAL INFORMATION

Plant, Institution or Establishment Name: _____

Plant Address: _____

Street City State Zip

Telephone: () _____

Person to Contact Regarding This Report _____ Title _____

Mailing Address: _____

Street City State Zip

Actual Operating Hours: _____ hrs/day _____ days/wk _____ wks/yr

SECTION II - FUEL COMBUSTION FOR GENERATION OF HEAT OR STEAM

Source Code	Type of Fuel a	Quantity c X 1,000	Annual Consumption b				Hourly Consumption		Heat Content BTU/Quan	Percent Sulfur d	Percent Ash d
			Percent Distribution by Season				Maximum	Average			
			Spring March/ May	Summer June/ Aug	Fall Sept/ Nov	Winter Dec/ Feb					
HP 5	No. 6 Oil	5,518	32.71	15.05	23.11	29.13	3,620	1,735	151,387	0.99	NA
HP 6	No. 6 Oil	6,088	17.75	28.81	43.03	10.41	5,292	3,189	151,387	0.99	NA

- Coke, bituminous, anthracite, or lignite coal No. 1, 2, 3, 4, 5, or 6 Fuel Oil, Nat. Gas, LPG; Refinery or Coke Oven Gas Etc. Indicate if two or more fuels are burned in the same boiler and provide all data pertinent to each fuel type.
- Fuel Data Reported on 'as burned' Basis
- Solid Fuel: Tons, Liquid Fuel: Gals.: Gaseous Fuel: 1000 ft³
- If unknown, please give name and address of fuel supplier.

SECTION III - AIR CLEANING EQUIPMENT

Source Code	Type of Air Cleaning Equipment a,b	Pollutant Removed c	Inlet Gas Temp °F	Inlet Gas Flow Rate ACFM	Maximum Pressure Drop PSI d	Efficiency e	
						Design Percent	Operating Percent
Gan 5	Electrostatic Precipitator	Particulate	288	681,000	0.018	98.5/ 99.78	99.8(1)
Gan 6	Electrostatic Precipitator	Particulate	292	1,120,000	0.018	98.5/ 99.78	99.1(1)
GT	Not Applicable						

Wet scrubber, electrostatic precipitator, fabric filter, etc.

Please list future equipment separately

- c. Pollutants to be covered in this survey are specified in the accompanying instructions.
- d. Give maximum normal operating pressure drop across air cleaning system.
- e. Give efficiency in terms of pollutant removed.

(1) Estimated

SECTION IV - STACK AND POLLUTANT EMISSIONS DATA

Stack Data					Estimate of Pollutant Emissions				
Source Code	Height Above Grade Ft.	Inside Diameter at top ft	Exit Gas Velocity ft/sec	Exit Gas Temp °F	Pollutant	Technique	Quantity tons/yr	Average lb/hr	Maximum lb/hr
Gan 5	306	14.6	54.55	288	Particulate	Stack Test	123.6	37.3	76.0
					Sulf.Dioxide	Fuel Anal.	11,615.9	3,508.1	7,140.2
Gan 6	306	17.6	59.68	292	Particulate	Stack Test	302.9	89.6	113.9
					Sulf.Dioxide	Fuel Anal.	18,678.4	5,527.2	7,026.3
GT	35	95.7(1)	16.40	1,010	Particulate	Fuel Anal.	0.92	15.4	26.1
					Sulf.Dioxide	Fuel Anal.	3.3	55.6	94.4

(1) Exit Area (ft²)

SECTION III - AIR CLEANING EQUIPMENT

(Not Applicable)

Source Code	Type of Air Cleaning Equipment a,b	Pollutant Removed c	Inlet Gas Temp °F	Inlet Gas Flow Rate ACFM	Maximum Pressure Drop PSI d	Efficiency e	
						Design Percent	Operating Percent

Wet scrubber, electrostatic precipitator, fabric filter, etc.

Please list future equipment separately

- c. Pollutants to be covered in this survey are specified in the accompanying instructions.
- d. Give maximum normal operating pressure drop across air cleaning system.
- e. Give efficiency in terms of pollutant removed.

SECTION IV - STACK AND POLLUTANT EMISSIONS DATA

Stack Data					Estimate of Pollutant Emissions				
Source Code	Height Above Grade Ft.	Inside Diameter at top ft	Exit Gas Velocity ft/sec	Exit Gas Temp °F	Pollutant	Technique	Quantity tons/yr	Average lb/hr	Maximum lb/hr
1-4 Flyash Silo	107	3 @ 1 ea	33	350	Particulate	Calculated	5.29	1.32	1.32
5-6 Flyash Silo	104	3.25(1)	58	350	Particulate	Calculated	8.58	2.07	2.07
Econo Ash Silo	72	0.67	21	350	Particulate	Calculated	0.50	0.14	0.14

(1) Exit Area (ft²)