



TAMPA
ELECTRIC

A TECO ENERGY COMPANY

Tampa, Florida

HOOKERS POINT STATION

TITLE V OPERATION
PERMIT APPLICATION

(Peaking Station)
No stack sampling
Every cargo is analyzed

In PM area of influence
Need O & M Plan

Prepared by:

ECT

Environmental Consulting & Technology, Inc.

3701 Northwest 98th Street
Gainesville, Florida 32606

ECT No. 94500-0011

EPC: Carlos Gonzales
SC 543.5530

June 1996

Janice Taylor - TECO
~~813.428.4839~~
641.5039
641.5081 FAX

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HARDCOPY SUBMITTAL

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ELECTRONIC SUBMITTAL

Section

Filename

Application for Air Permit - Long Form (ELSA)
(Note - TEC_HP.ZIP contains all of the following supplemental files)

TEC_HP.ZIP

Facility Supplemental Information

Precautions to Prevent Emissions of Unconfined
Particulate Matter

D_IID4.WP6

*incorporated into
TV Permit*

 List of Proposed Exempt Activities

D_IID7.WP6

Appendix

Emission Unit Supplemental Information

Procedures for Startup and Shutdown

D_III6.WP6

Appendix

Operation and Maintenance Plan

D_III7.WP6

Appendix

Compliance Assurance Monitoring Plan
(Reserved)

D_III12.WP6

Appendix

Regulatory Applicability Analysis

APPEND_A.WP6

extra

INTRODUCTION

*consider
for
facility
description*

The Tampa Electric Company (TEC) Hookers Point Station located in Tampa, Hillsborough County, Florida is a nominal 227 megawatt (MW) electric generation facility. The Hookers Point Station consists of six steam boilers (Unit Nos. 1 through 6), five steam turbine-generators, a once-through cooling water system, fuel oil storage tanks, and ancillary support equipment. Steam produced by Unit Nos. 1 through 5 is ducted to a common steam header which feeds four steam turbine-generators. Steam produced by Unit No. 6 is routed to a steam turbine-generator dedicated to Unit No. 6.


Unit Nos. 1 and 2 each have a nominal maximum heat input of 298 million British thermal units per hour (MMBtu/hr). Unit Nos. 3 and 4 each have a nominal maximum heat input of 411 MMBtu/hr. Unit Nos. 5 and 6 have nominal maximum heat inputs of 610 and 778 MMBtu/hr, respectively. Units Nos. 1 through 6 are all fired with No. 6 fuel oil. Unit Nos. 1, 4, and 5 utilize No. 2 fuel oil for ignition during startups. Propane is used for ignition during startups for Unit No. 6.

Operation of the Hookers Point Station is currently authorized by Florida Department of Environmental Protection (FDEP) Operation Permits AO29-203001 (Unit No. 1), AO29-203000 (Unit No. 2), AO29-202999 (Unit No. 3), AO29-202998 (Unit No. 4), AO29-202997 (Unit No. 5), and AO29-203002 (Unit No. 6). Each of these permits was issued on December 19, 1991 and have an expiration date of December 1, 1996.

The TEC Hookers Point Station qualifies as a Title V Source pursuant to Chapter 62-210.200(173), Florida Administrative Code (F.A.C.), because potential emissions of a regulated air pollutant exceed 100 tons per year. This application package, prepared using Electronic Submission of Application (ELSA) Version 1.2.1, constitutes TEC's Title V permit application for the Hookers Point Station and is submitted to satisfy the requirements of Chapter 62-213.400, F.A.C.

Signatures

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: John T. Duff General Manager, Hookers Point Station	
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Tampa Electric Company Street Address: P.O. Box 111 City: Tampa State: FL Zip Code: 33601-0111	
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (813) 228-1874 Fax: (813) 228-1905	
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i> <div style="display: flex; justify-content: space-between;"><div>Signature </div><div>Date <u>6-12-86</u></div></div>	

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: **Thomas W. Davis**
Registration Number: **36777**

2. Professional Engineer Mailing Address:

Organization/Firm: **Environmental Consulting & Technology, Inc.**
Street Address: **3701 NW 98th Street**
City: **Gainesville** State: **FL** Zip Code: **32606**

3. Professional Engineer Telephone Numbers:

Telephone: **(352) 332-0444**

Fax: **(352) 332-6722**

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

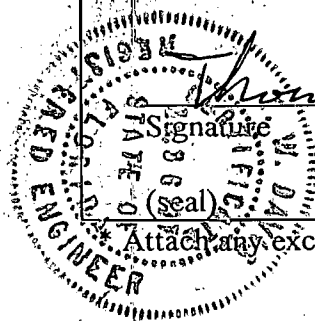
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [X] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emission units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.



William W. Davis

Signature
(seal)

Date

6/7/96

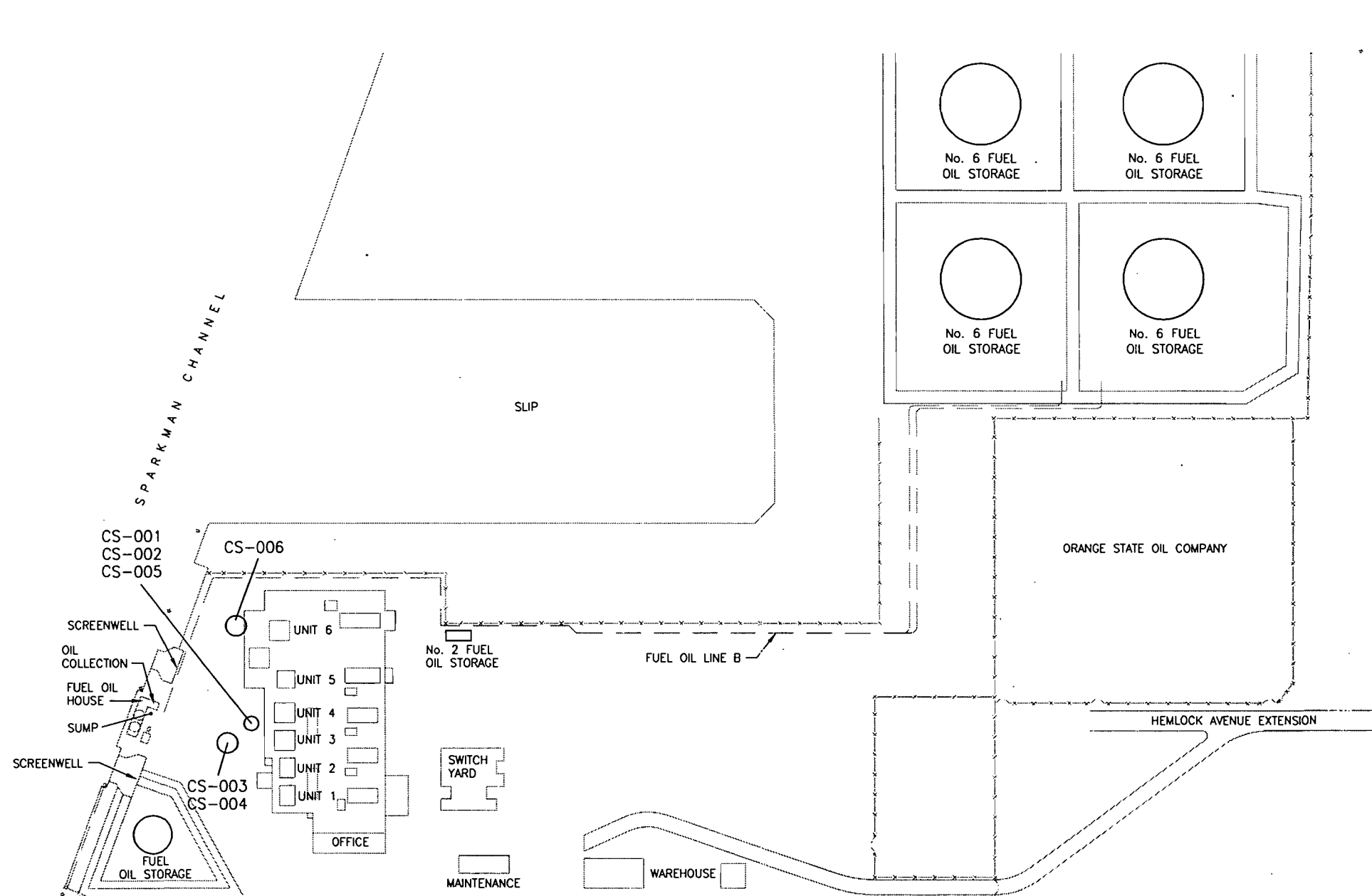
Attach any exception to certification statement.

II.D.1

AREA MAP

II.D.2

FACILITY PLOT PLAN



SCALE: 1"=200'

LEGEND

CS-005 EMISSION POINT

DOCUMENT II.D.2.

HOOKERS POINT STATION EMISSION SOURCES

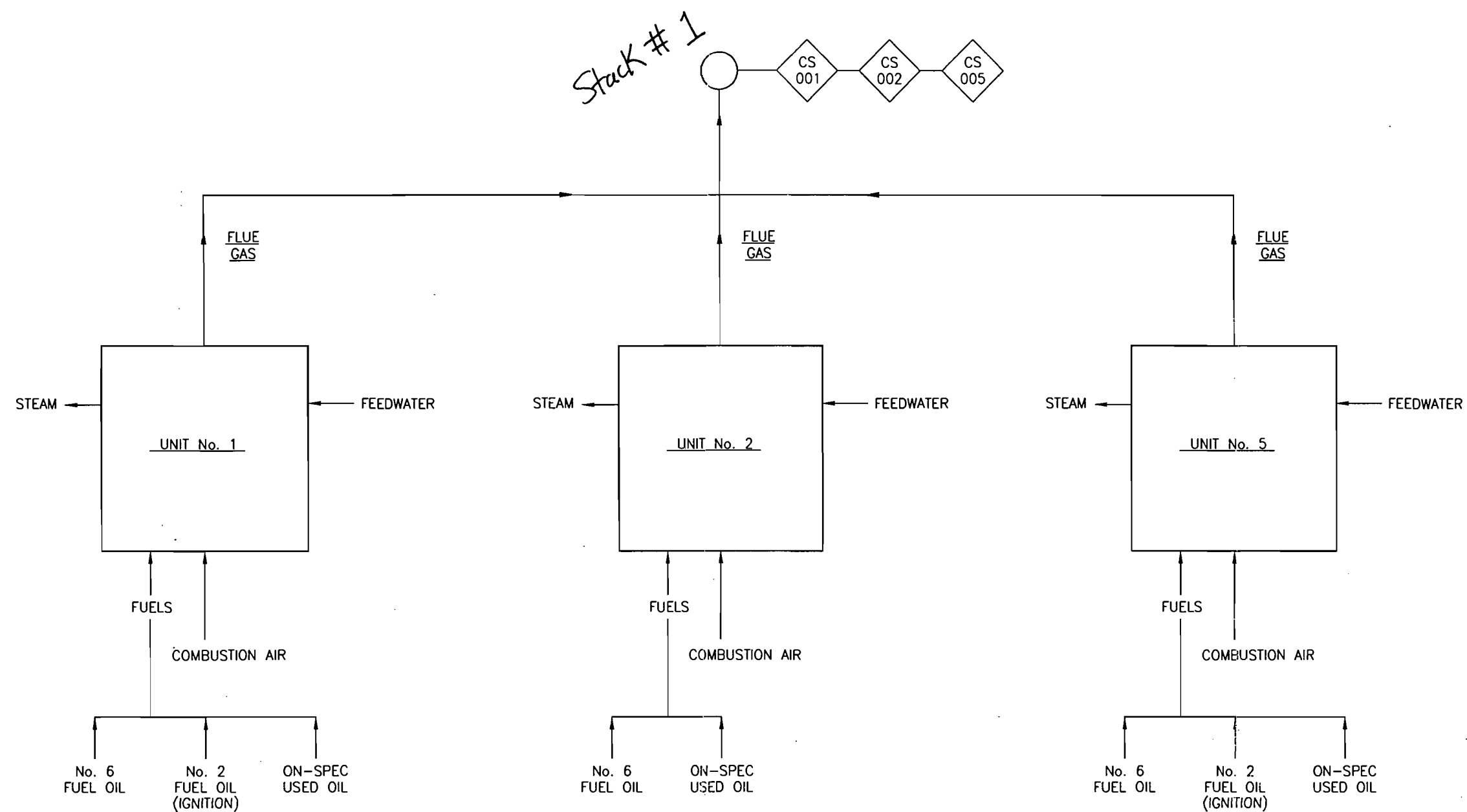
Source: ECT, 1995.



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II.D.3

PROCESS FLOW DIAGRAMS

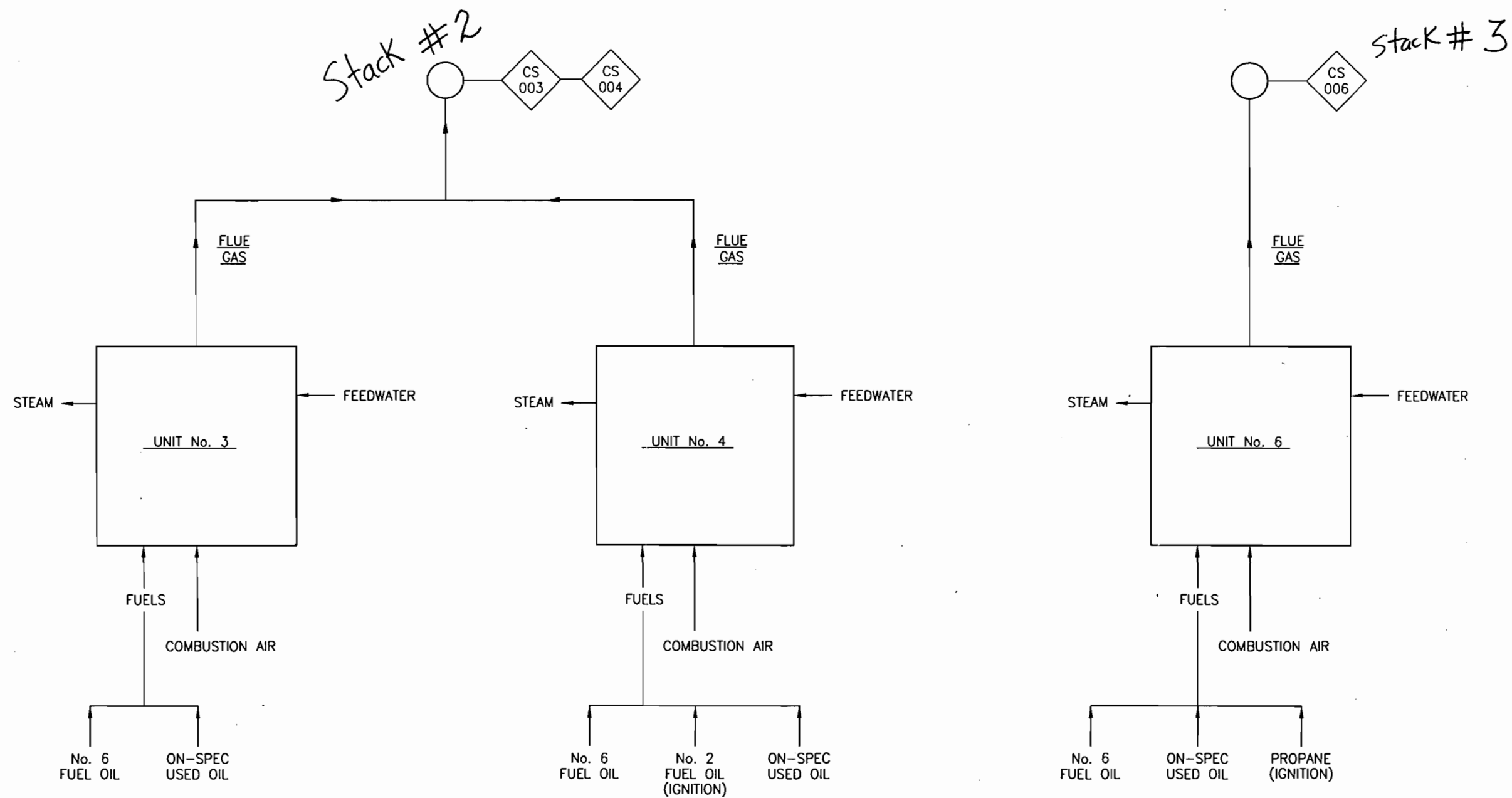
**LEGEND**

EMISSION POINT

DOCUMENT II.D.3.A.

HOOKERS POINT STATION
BOILER PROCESS FLOW DIAGRAM, UNITS 1, 2, AND 5

Source: ECT, 1995.

**LEGEND**

EMISSION POINT

DOCUMENT II.D.3.B.

HOOKERS POINT STATION
BOILER PROCESS FLOW DIAGRAM, UNITS 3, 4, AND 6

Source: ECT, 1995.



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II.D.13 & 14

COMPLIANCE REPORT, PLAN,
AND CERTIFICATION

**COMPLIANCE REPORT, PLAN,
AND STATEMENT**

1. Compliance Report and Plan

Appendix A to this application identifies the requirements that are applicable to the emission units that comprise this Title V source. Each emissions unit is in compliance, and will continue to comply, with the respective applicable requirements.

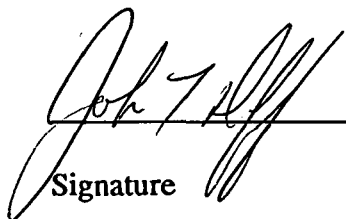
The emission units that comprise this Title V source will comply with future-effective applicable requirements on a timely basis.

2. Proposed Schedule for the Submission of Periodic Compliance Statements Throughout the Permit Term

Periodic compliance statements are proposed to be submitted on an annual basis consistent with FDEP Rule 62-213.440(3)(b), F.A.C.

3. Compliance Certification

I, the undersigned, am the responsible official as defined in Chapter 62-213, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete.



Signature

6-12-96

Date

III.1.2

FUEL ANALYSES

**HOOKERS POINT STATION
TYPICAL NO. 6 FUEL OIL ANALYSIS**

Sulfur Content: 1.481 weight %

Heat Content: 150,883 Btu/gal

Ash Content: 0.094 weight %

Nitrogen: 0.29 weight %

Source: Coastal Fuels

From: Tampa Electric Company
Laboratory Services Department
5012 Causeway Blvd. Tampa, FL 33597
H.R.S. Certification # E54272
D.E.P. Comprehensive QA Plan #910140

May 14, 1996

To: Vincent Crane, Hookers Point
Tom Culverhouse, Phillips Sta.

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA28757 Location code: HP-#6-PR
Location Description: Phillips Reprocessed #6 Oil
Sample collector: PHILLIPS STA
Sample collection date: 03/19/96 Time: 09:30
Lab submittal date: 03/20/96 Time: 10:04
Sample Matrix: Oil

Phillips Reprocessed #6 Oil Information

Phillips Tank Number: 3 Shipment Date: 03/19/96

Parameter	Result	Units	MDL
API Gravity @ 60 Deg. F	12.3	Degrees API	0.1
Relative Density 60/60 Deg. F	0.9840		0.0001
Pounds / Gallon @ 60 Deg. F	8.195	Lbs./Gal.	
Flash Point, No. 6 Oil	242	Degrees F	1.0
Sulfur in Oil	1.38	%	0.02
Ash, Oil	0.50	mass %	0.001
Water in Oil, by Distillation	27.7	% by Volume	0.1
Sediment, by Extraction	0.35	% by Weight	
Pour Point, Oil	28	Degrees F	
Saybolt Furol Viscosity @ 122 F	100.9	SFS	0.1
BTU/Gal., Calculated for Oil	105720	BTU/Gal.	
BTU/Lb., for Oil	12900	BTU/Lb.	1
Pounds SO2 / Million BTU, Oil	2.11	Lbs. SO2/MMBTU	

If there are any questions regarding this data, please call.

Robert L. Dorey
Supervisor of Laboratory Services

From: Tampa Electric Company
Laboratory Services Department
5012 Causeway Blvd. Tampa, FL 33597
H.R.S. Certification # E54272
D.E.P. Comprehensive QA Plan #910140

June 5, 1996

TO: Janice Taylor, Envir. Plan.

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA30027 Location code: SPECL-GN
Project account code: G22
Location Description: Used Oil for Title 5
Sample collector: GANNON Sample collection date: 05/28/96
Lab submittal date: 05/31/96 Time: 14:59
Sample Matrix: oil/water

Parameter	Result	Units	MDL
Water and Sediment, by Volume	40	% by Volume	0.05
Ash, Oil	0.07	mass %	0.001
Sulfur in Oil	0.22	%	0.02
BTU/Lb., for Oil	11634	BTU/Lb.	1

Sample comments:

The submitted sample is approx. 40% water. Sulfur and Ash and Water by Volume analyses were performed on a well mixed oil/water sample. The BTU determination was performed on the oil portion of the sample. (Centrifugation was used to separate the oil and water phases.) The final BTU results were then adjusted for the percentage of oil present in the sample to yield a BTU value representative of the whole sample. The assumption was made that the water phase had no inherent BTU value.

Example: 19,390 Btu/lb x 60% = 11,634 Btu/lb.
 (oil phase) (% oil) (whole sample)

If there are any questions regarding this data, please call.

Robert L. Dorey
Supervisor of Laboratory Services

Hookers Point Station No. 6 Fuel Oil Analysis*

	Ash (weight percent)	Heat Content (Btu/gallon)	Sulfur (weight percent)
Mean	0.089	151,133	0.89
Minimum	0.080	150,460	0.86
Maximum	0.097	152,540	0.90
Range	0.017	2,080	0.04

*Data are based on sampling and analysis from May 17, 1995, through April 10, 1996.

Hookers Point Station No. 2 Fuel Oil Analysis*

	Ash (weight percent)	Heat Content (Btu/gallon)	Sulfur (weight percent)
Mean	0.001	138,130	0.186
Minimum	0.001	136,280	0.061
Maximum	0.002	139,150	0.393
Range	0.001	2,870	0.332

*Data are based on sampling and analysis from May 5, 1995, through April 30, 1996.

From: Tampa Electric Company
Corporate Environmental Services
Laboratory Services Department
Ph. (813) 228-4938

September 8, 1995

To: Waste Disposal Folder, CTL
Butch Chick, Hooker's Point

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA25222 Location code: WDISP-HP
Project account code: HP9503
Location Description: Hooker's Point, Waste Oil
Sample collector: ERIC WARREN Sample collection date: 08/17/95
Lab submittal date: 08/17/95 Time: 15:20
Sample Matrix: Oil

Parameter	Result	Units	MDL
Total Halogens, X-Ray	Less than MDL	ppm	200
Flash Point, Wastes and Unknowns	Greater than	Degrees F	200
Waste Sampling - Multiple Drum	see below	---	---

Data for Waste Sampling - Multiple Drum:

Waste Sampling - Multiple Drums
Field Information

Waste Disposal Number: HP95-03

Location: Hookers Pt. Power Plant

Purpose of sampling: Waste characterization from Total Halogen and Flash Point analysis by CTL.

Field contact: Butch Chick

Process producing waste: Disposal of waste oil.

Type of waste: Liquid

Sample volume and number of samples: One sample (quart)

Sampling point and methodology: Collected 3 column samples of each drum* through bung hole using a disposable coliwassa. Deposited samples into a stainless steel bucket (88E), mixed thoroughly then poured into quart glass jar (Qorpak #504101E). *Sampled drums #7,8,12,16,17,18,21,24 & 29. Drums selected using a random number generator.

From: Tampa Electric Company
Laboratory Services Department
5012 Causeway Blvd. Tampa, FL 33597
H.R.S. Certification # E54272
D.E.P. Comprehensive QA Plan #910140

May 14, 1996

To: Vincent Crane, Hookers Point
Tom Culverhouse, Phillips Sta.

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Sulfur in Oil	1.38	%	0.02
Ash, Oil	0.50	mass %	0.001
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BTU/Gal., Calculated for Oil	105720	BTU/Gal.	
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Robert L. Dorey
Supervisor of Laboratory Services

From: Tampa Electric Company
Laboratory Services Department
5012 Causeway Blvd. Tampa, FL 33597
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June 5, 1996

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Sample comments:

The submitted sample is approx. 40% water. Sulfur and Ash and Water by Volume analyses were performed on a well mixed oil/water sample. The BTU determination was performed on the oil portion of the sample. (Centrifugation was used to separate the oil and water phases.) The final BTU results were then adjusted for the percentage of oil present in the sample to yield a BTU value representative of the whole sample. The assumption was made that the water phase had no inherent BTU value.

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 (oil phase) (% oil) (whole sample)

If there are any questions regarding this data, please call.

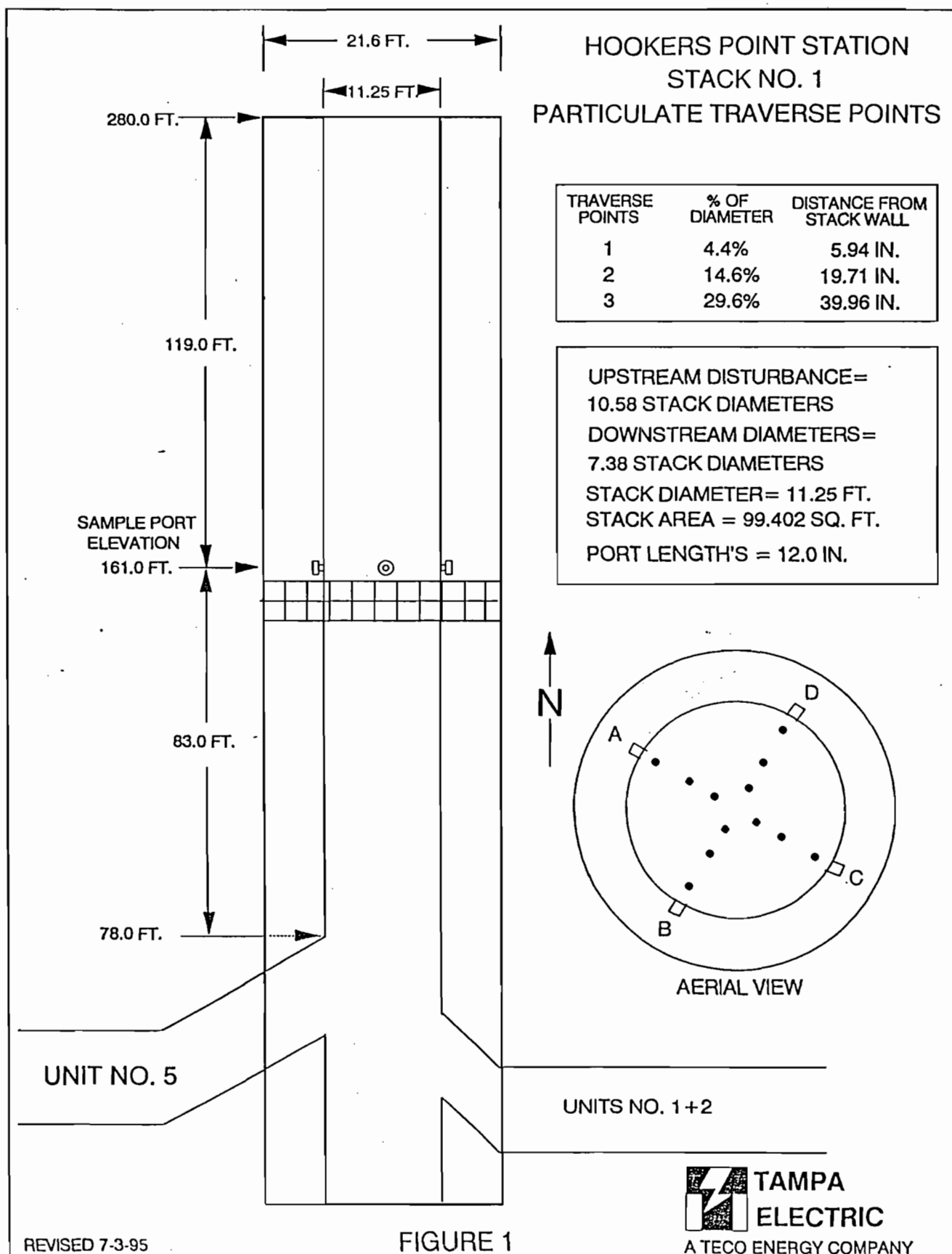
Robert L. Dorey
Supervisor of Laboratory Services

III.I.4

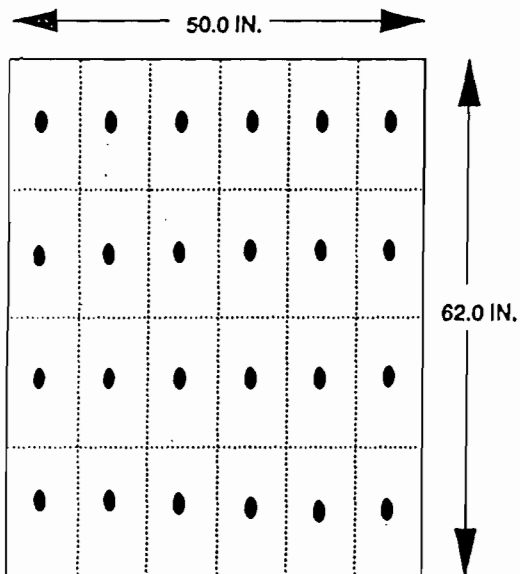
DESCRIPTION OF STACK SAMPLING FACILITIES

DESCRIPTION OF STACK SAMPLING FACILITIES

The test sites for Units 1 through 6 have adequate access, work platforms and test equipment support structures. Diagrams showing the stack sampling locations and other pertinent test site information for each unit are attached. Note that testing of Units 1, 2, and 5 may be conducted in either the individual unit ducts or in Stack No. 1 (CS-001).



TRAVERSE POINTS



HOOKERS POINT GENERATING STATION BOILER NO. 1 TEST PORT LOCATION AND TRAVERSE POINTS

FIGURE 1

**TAMPA
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TRAVERSE POINTS	DISTANCE IN DUCT, INCHES
1.	4.17"
2.	12.50"
3.	20.83"
4.	29.16"
5.	37.49"
6.	45.82"

UPSTREAM FLOW DISTURBANCE =
2.20 EQUIVALENT DUCT DIAMETERS
DOWNSTREAM FLOW DISTURBANCE =
2.10 EQUIVALENT DUCT DIAMETERS
EQUIVALENT DUCT DIAMETERS = 55.36 IN.
PORT NIPPLE = 4"

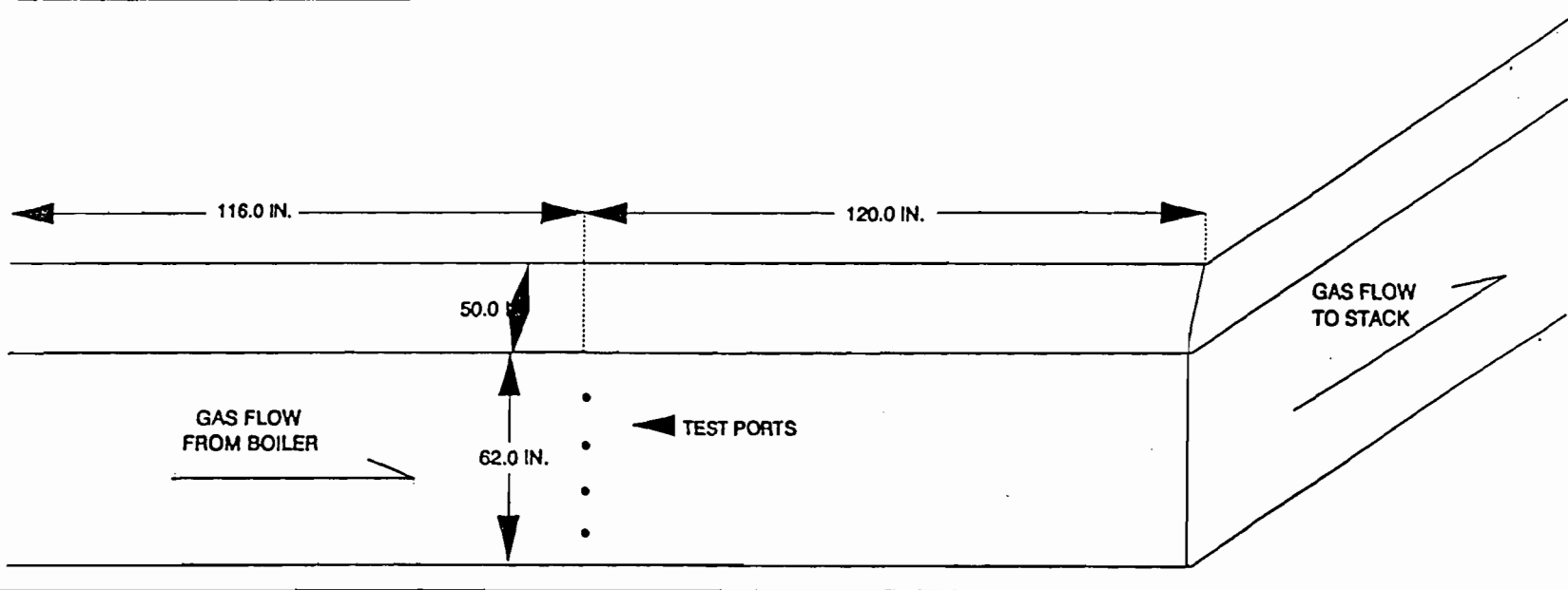


FIGURE 1

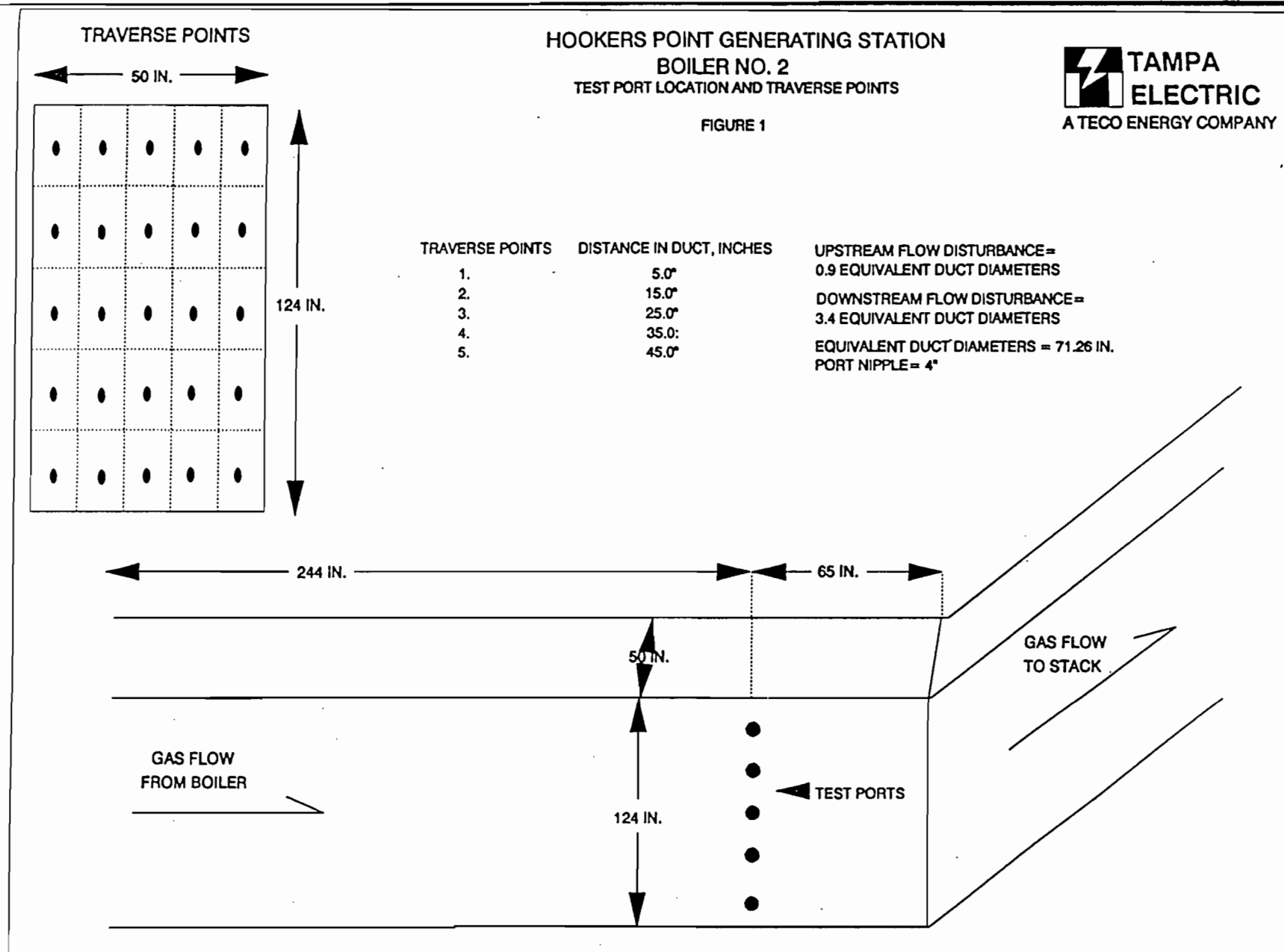
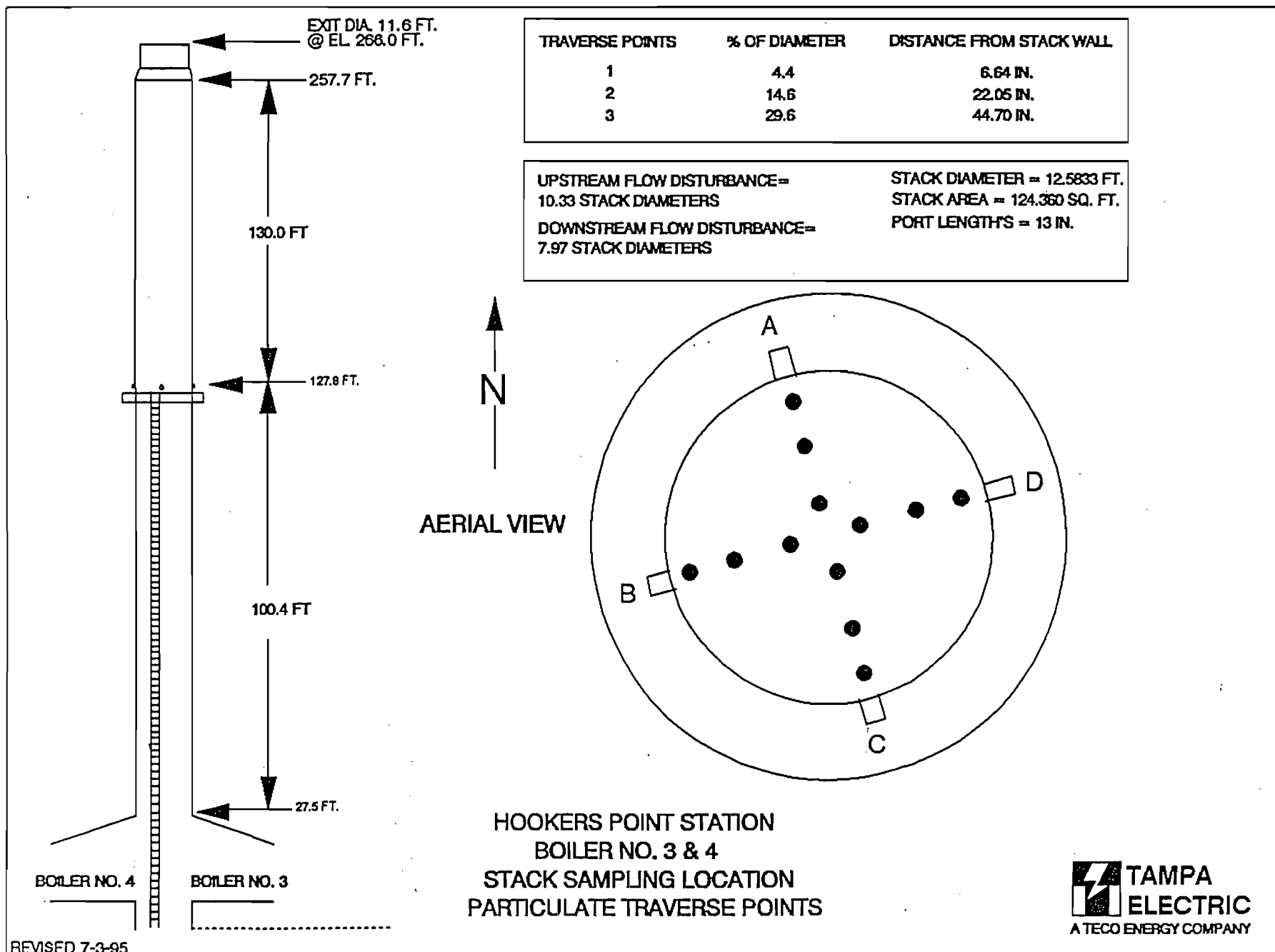


FIGURE 1



REVISED 7-3-95

FIGURE 1

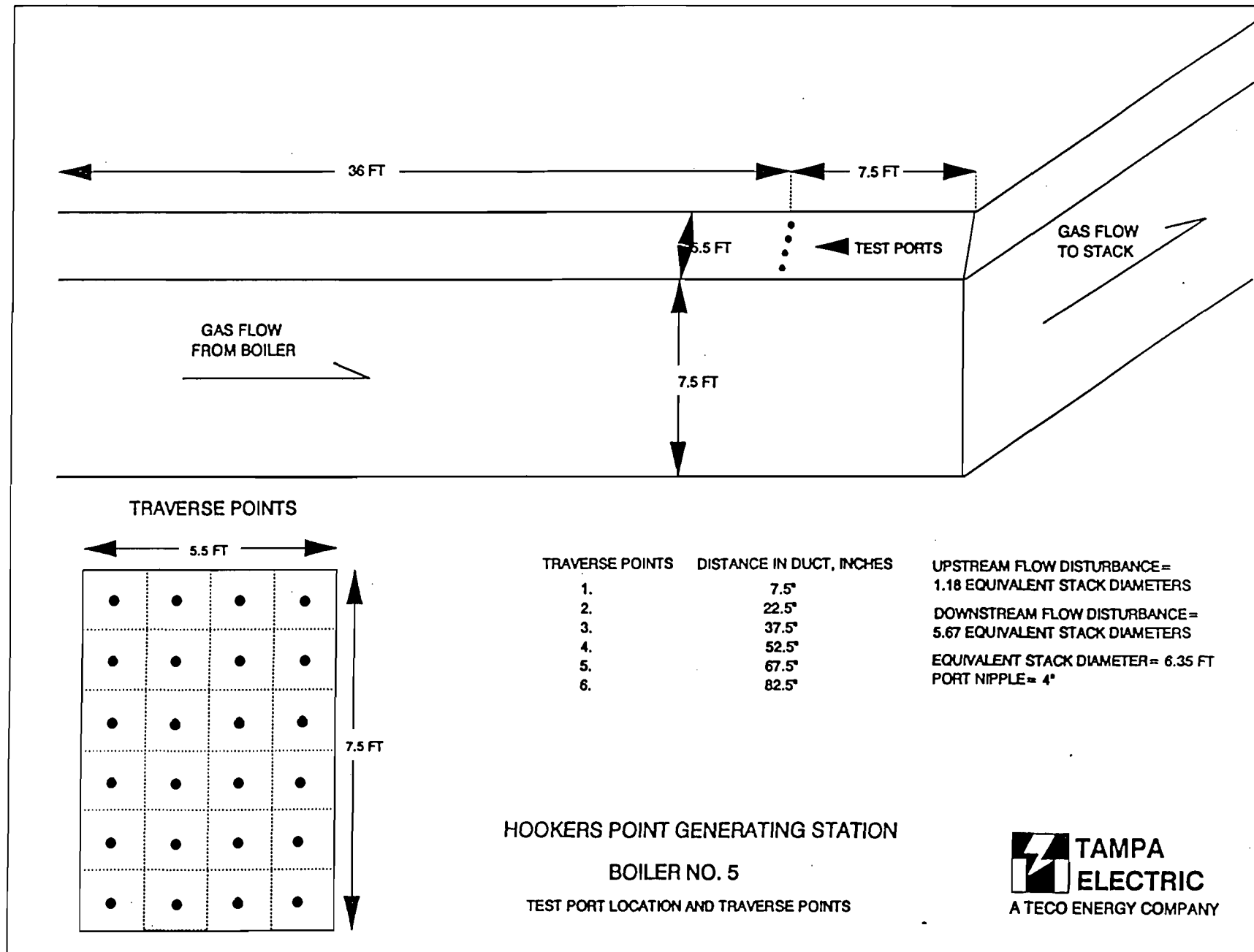
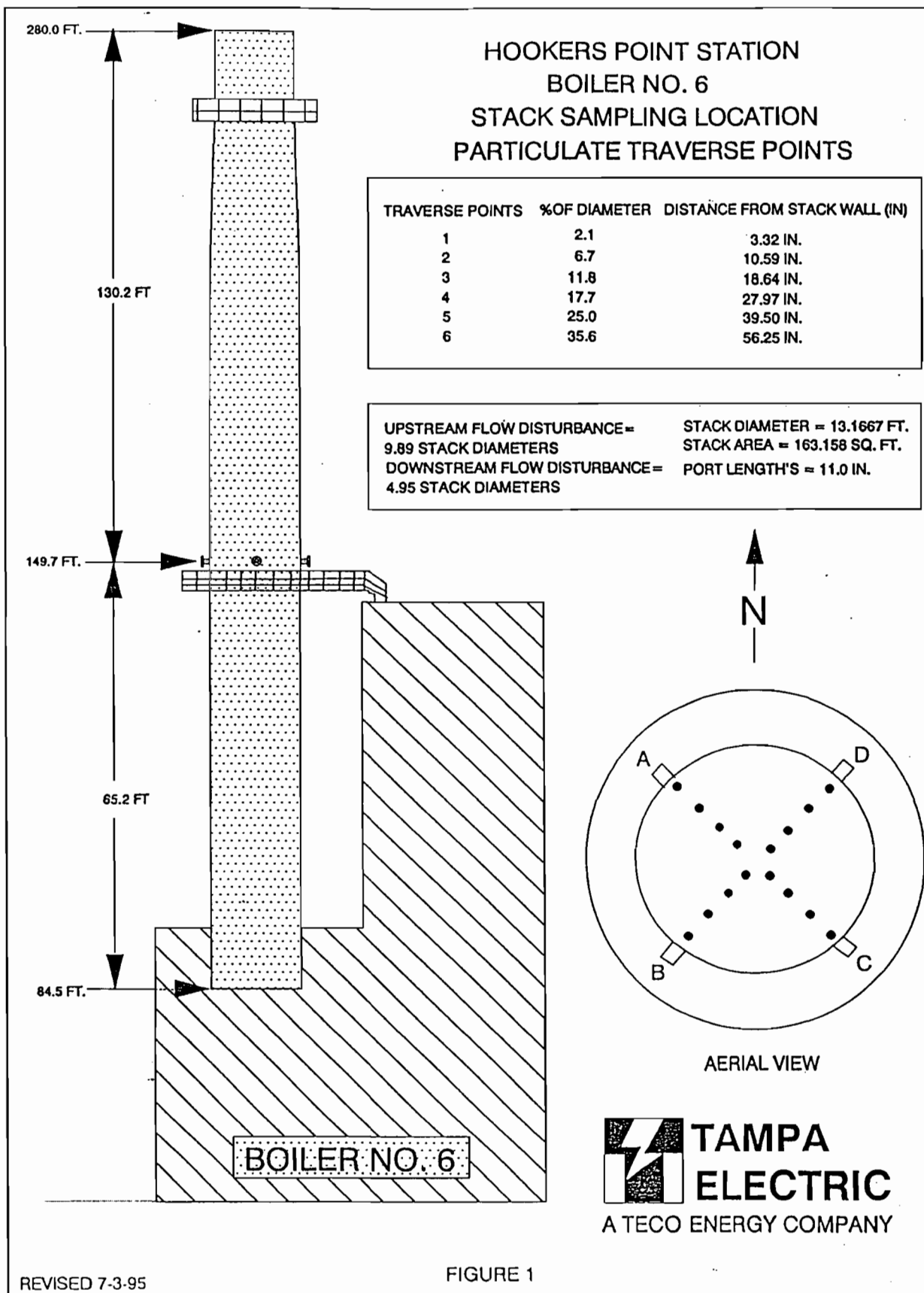


FIGURE 1



APPENDIX B

EMISSION RATE SUMMARY

APPENDIX B

EMISSION RATE SUMMARY

Tampa Electric Company
 Hookers Point Station – Emission Limited Pollutant Summary

Criteria Pollutants

Emissions			Emission Rates (ton/yr)	
Unit			SO ₂	PM
		mmbtu/hr.		
20 MW	Unit 1	298	1,435.8	163.2
20 MW	Unit 2	298	1,435.8	163.2
20 MW	Unit 3	411	1,980.2	225.0
35 MW	Unit 4	411	1,980.2	225.0
? MW	Unit 5	610	2,939.0	334.0
72 MW	Unit 6	778	3,748.4	426.0

20 MW
 20 MW
 20 MW

13, 519 1, 536

APPENDIX C

EMISSION INVENTORY WORKSHEETS

EMISSION INVENTORY WORKSHEET

Tampa Electric Company – Hookers Point Station

CS-001

EMISSION SOURCE TYPE

RESIDUAL FUEL OIL COMBUSTION – CRITERIA POLLUTANTS

Document: II.D.2.

FACILITY AND SOURCE DESCRIPTION

Emission Source Description: Unit No. 1; Fired With No. 6 Fuel Oil

Emission Control Method(s)/ID No.(s): None

Emission Point ID: CS-001

EMISSION ESTIMATION EQUATIONS

Emission (lb/hr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu)

Emission (ton/yr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu) x Operating Period (hrs/yr) x (1 ton/2,000 lb)

Source: ECT, 1995.

INPUT DATA AND EMISSIONS CALCULATIONS

Operating Hours: 24 Hrs/Day 7 Days/Wk 8,760 Hrs/Yr
Sulfur Content: 1.0 wt. %

Criteria Pollutant	Maximum Heat Input (MMBtu/hr)	Pollutant Emission Factor ¹ (MMBtu/hr)	Potential Emission Rates	
			(lb/hr)	(tpy)
SO ₂	298.0	1.100	327.80	1,435.8
PM ¹	298.0	0.300	89.40	163.2

SO₂
2

SOURCES OF INPUT DATA

Variable	Data Source
Operating Hours	TEC, 1995.
Maximum Heat Input	TEC, 1995.
Emission Factors (SO ₂ and PM)	Allowable emissions.

NOTES AND OBSERVATIONS

¹ PM represents filterable particulate matter. Annual emissions (tpy) based on 3 hrs/day at 0.3 lb/MMBtu and 21 hrs/day at 0.1 lb/MMBtu.

$3 \times 365 = 1,095 \text{ hrs/yr} \times 0.3 = 328.5$
 $21 \times 365 = 7,665 \text{ hrs/yr} \times 0.1 = 766.5$
 $8,760 \text{ hrs/yr} \times 0.3 = 2,628$
 $8,760 \text{ hrs/yr} \times 0.1 = 876$
 $2,628 + 876 = 3,504$

DATA CONTROL

Data Collected by: T. Davis Date: 10/26/94
Evaluated by: T. Davis Date: 10/26/94
Data Entered by: T. Davis Date: 8/29/95
Reviewed by: Date:

EMISSION INVENTORY WORKSHEET

Tampa Electric Company – Hookers Point Station

CS-002**EMISSION SOURCE TYPE****RESIDUAL FUEL OIL COMBUSTION – CRITERIA POLLUTANTS**Document: **II.D.2.****FACILITY AND SOURCE DESCRIPTION**

Emission Source Description: Unit No. 2; Fired With No. 6 Fuel Oil

Emission Control Method(s)/ID No.(s): None

Emission Point ID: CS-002

EMISSION ESTIMATION EQUATIONS

Emission (lb/hr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu)

Emission (ton/yr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu) x Operating Period (hrs/yr) x (1 ton/2,000 lb)

Source: ECT, 1995.

INPUT DATA AND EMISSIONS CALCULATIONS

Operating Hours: 24 Hrs/Day 7 Days/Wk 8,760 Hrs/Yr

Sulfur Content: 1.0 wt. %

Criteria Pollutant	Maximum Heat Input (MMBtu/hr)	Pollutant Emission Factor ¹ (MMBtu/hr)	Potential Emission Rates	
			(lb/hr)	(tpy)
SO ₂	298.0	1.100	327.80	1,435.8
PM ¹	298.0	0.300	89.40	163.2

SOURCES OF INPUT DATA

Variable	Data Source
Operating Hours	TEC, 1995.
Maximum Heat Input	TEC, 1995.
Emission Factors (SO ₂ and PM)	Allowable emissions.

NOTES AND OBSERVATIONS

¹ PM represents filterable particulate matter. Annual emissions (tpy) based on 3 hrs/day at 0.3 lb/MMBtu and 21 hrs/day at 0.1 lb/MMBtu.

DATA CONTROL

Data Collected by:	T. Davis	Date:	10/26/94
Evaluated by:	T. Davis	Date:	10/26/94
Data Entered by:	T. Davis	Date:	8/29/95
Reviewed by:		Date:	

EMISSION INVENTORY WORKSHEET

Tampa Electric Company – Hookers Point Station

CS-003

EMISSION SOURCE TYPE

RESIDUAL FUEL OIL COMBUSTION – CRITERIA POLLUTANTS

Document: II.D.2.

FACILITY AND SOURCE DESCRIPTION

Emission Source Description: Unit No. 3; Fired With No. 6 Fuel Oil

Emission Control Method(s)/ID No.(s): None

Emission Point ID: CS-003

EMISSION ESTIMATION EQUATIONS

Emission (lb/hr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu)

Emission (ton/yr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu) x Operating Period (hrs/yr) x (1 ton/2,000 lb)

Source: ECT, 1995.

INPUT DATA AND EMISSIONS CALCULATIONS

Operating Hours: 24 Hrs/Day 7 Days/Wk 8,760 Hrs/Yr
Sulfur Content: 1.0 wt. %

Criteria Pollutant	Maximum Heat Input (MMBtu/hr)	Pollutant Emission Factor ¹ (MMBtu/hr)	Potential Emission Rates	
			(lb/hr)	(tpy)
SO ₂	411.0	1.100	452.10	1,980.2
PM ¹	411.0	0.300	123.30	225.0

SOURCES OF INPUT DATA

Variable	Data Source
Operating Hours	TEC, 1995.
Maximum Heat Input	TEC, 1995.
Emission Factors (SO ₂ and PM)	Allowable emissions.

NOTES AND OBSERVATIONS

¹ PM represents filterable particulate matter. Annual emissions (tpy) based on 3 hrs/day at 0.3 lb/MMBtu and 21 hrs/day at 0.1 lb/MMBtu.

$$328.5 \times 411 = 135,013.5 / 2000 =$$

$$766.5 \times 411 = 315,031.5 / 2000 =$$

225-

DATA CONTROL

Data Collected by:	T. Davis	Date:	10/26/94
Evaluated by:	T. Davis	Date:	10/26/94
Data Entered by:	T. Davis	Date:	8/29/95
Reviewed by:		Date:	

EMISSION INVENTORY WORKSHEET

Tampa Electric Company – Hookers Point Station

CS-004

EMISSION SOURCE TYPE

RESIDUAL FUEL OIL COMBUSTION – CRITERIA POLLUTANTS

Document: II.D.2.

FACILITY AND SOURCE DESCRIPTION

Emission Source Description: Unit No. 4; Fired With No. 6 Fuel Oil

Emission Control Method(s)/ID No.(s): None

Emission Point ID: CS-004

EMISSION ESTIMATION EQUATIONS

$$\text{Emission (lb/hr)} = \text{Heat Input (MMBtu/hr)} \times \text{Pollutant Emission Factor (lb/MMBtu)}$$
$$\text{Emission (ton/yr)} = \text{Heat Input (MMBtu/hr)} \times \text{Pollutant Emission Factor (lb/MMBtu)} \times \text{Operating Period (hrs/yr)} \times (1 \text{ ton}/2,000 \text{ lb})$$

Source: ECT, 1995.

INPUT DATA AND EMISSIONS CALCULATIONS

Operating Hours: 24 Hrs/Day 7 Days/Wk 8,760 Hrs/Yr
Sulfur Content: 1.0 wt. %

Criteria Pollutant	Maximum Heat Input (MMBtu/hr)	Pollutant Emission Factor ¹ (MMBtu/hr)	Potential Emission Rates	
			(lb/hr)	(tpy)
SO ₂	411.0	1.100	452.10	1,980.2
PM ¹	411.0	0.300	123.30	225.0

SOURCES OF INPUT DATA

Variable	Data Source
Operating Hours	TEC, 1995.
Maximum Heat Input	TEC, 1995.
Emission Factors (SO ₂ and PM)	Allowable emissions.

NOTES AND OBSERVATIONS

¹ PM represents filterable particulate matter. Annual emissions (tpy) based on 3 hrs/day at 0.3 lb/MMBtu and 21 hrs/day at 0.1 lb/MMBtu.

328.5

76

DATA CONTROL

Data Collected by:	T. Davis	Date:	10/26/94
Evaluated by:	T. Davis	Date:	10/26/94
Data Entered by:	T. Davis	Date:	8/29/95
Reviewed by:		Date:	

EMISSION INVENTORY WORKSHEET

Tampa Electric Company – Hookers Point Station

CS-005

EMISSION SOURCE TYPE

RESIDUAL FUEL OIL COMBUSTION – CRITERIA POLLUTANTS

Document: II.D.2.

FACILITY AND SOURCE DESCRIPTION

Emission Source Description: Unit No. 5; Fired With No. 6 Fuel Oil

Emission Control Method(s)/ID No.(s): None

Emission Point ID: CS-005

EMISSION ESTIMATION EQUATIONS

$$\text{Emission (lb/hr)} = \text{Heat Input (MMBtu/hr)} \times \text{Pollutant Emission Factor (lb/MMBtu)}$$
$$\text{Emission (ton/yr)} = \text{Heat Input (MMBtu/hr)} \times \text{Pollutant Emission Factor (lb/MMBtu)} \times \text{Operating Period (hrs/yr)} \times (1 \text{ ton}/2,000 \text{ lb})$$

Source: ECT, 1995.

INPUT DATA AND EMISSIONS CALCULATIONS

Operating Hours: 24 Hrs/Day 7 Days/Wk 8,760 Hrs/Yr
Sulfur Content: 1.0 wt. %

Criteria Pollutant	Maximum Heat Input (MMBtu/hr)	Pollutant Emission Factor ¹ (MMBtu/hr)	Potential Emission Rates	
			(lb/hr)	(tpy)
SO ₂	610.0	1.100	671.00	2,939.0
PM ¹	610.0	0.300	183.00	334.0

SOURCES OF INPUT DATA

Variable	Data Source
Operating Hours	TEC, 1995.
Maximum Heat Input	TEC, 1995.
Emission Factors (SO ₂ and PM)	Allowable emissions.

NOTES AND OBSERVATIONS

¹ PM represents filterable particulate matter. Annual emissions (tpy) based on 3 hrs/day at 0.3 lb/MMBtu and 21 hrs/day at 0.1 lb/MMBtu.

328.5

766.5

1095 X 610 =

2,000

DATA CONTROL

Data Collected by:	T. Davis	Date:	10/26/94
Evaluated by:	T. Davis	Date:	10/26/94
Data Entered by:	T. Davis	Date:	8/29/95
Reviewed by:		Date:	

EMISSION INVENTORY WORKSHEET

Tampa Electric Company – Hookers Point Station

CS-006

EMISSION SOURCE TYPE

RESIDUAL FUEL OIL COMBUSTION – CRITERIA POLLUTANTS

Document: II.D.2.

FACILITY AND SOURCE DESCRIPTION

Emission Source Description: Unit No. 6; Fired With No. 6 Fuel Oil

Emission Control Method(s)/ID No.(s): None

Emission Point ID: CS-006

EMISSION ESTIMATION EQUATIONS

Emission (lb/hr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu)

Emission (ton/yr) = Heat Input (MMBtu/hr) x Pollutant Emission Factor (lb/MMBtu) x Operating Period (hrs/yr) x (1 ton/2,000 lb)

Source: ECT, 1995.

INPUT DATA AND EMISSIONS CALCULATIONS

Operating Hour: 24 Hrs/Day 7 Days/Wk 8,760 Hrs/Yr
Sulfur Content: 1.0 wt. %

Criteria Pollutant	Maximum Heat Input (MMBtu/hr)	Pollutant Emission Factor ¹ (MMBtu/hr)	Potential Emission Rates	
			(lb/hr)	(tpy)
SO ₂	778.0	1.100	855.80	3,748.4
PM ¹	778.0	0.300	233.40	426.0

SOURCES OF INPUT DATA

Variable	Data Source
Operating Hours	TEC, 1995.
Maximum Heat Input	TEC, 1995.
Emission Factors (SO ₂ and PM)	Allowable emissions.

NOTES AND OBSERVATIONS

¹ PM represents filterable particulate matter. Annual emissions (tpy) based on 3 hrs/day at 0.3 lb/MMBtu and 21 hrs/day at 0.1 lb/MMBtu.

$$\frac{1,095 \times 778}{2,000} = 426$$

DATA CONTROL

Data Collected by: T. Davis Date: 10/26/94
Evaluated by: T. Davis Date: 10/26/94
Data Entered by: T. Davis Date: 8/29/95
Reviewed by: Date:

APPENDIX D
CURRENT PERMITS



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. Lynn F. Robinson
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

DER File No.: AO29-203001
County: Hillsborough

Enclosed is Permit Number **AO29-203001** to operate a 298 MMBTU/hr. steam generator designated as **Unit #1**, issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit 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 32399-2400, within fourteen (14) days of receipt of this permit. 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 telephone number of each petitioner, the applicant's name and address, the Department Permit File Number 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 warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends required 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 this permit. 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 right 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.

This permit is 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 will not be effective until further Order of the Department.

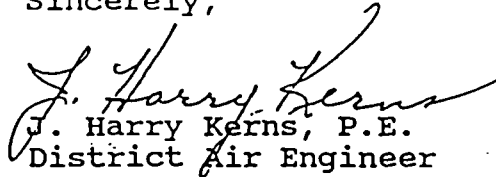
When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone 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.

Tampa Electric Company
Tampa, FL 33601-0111

Page Three

Executed in Tampa, Florida

Sincerely,


J. Harry Kerns, P.E.
District Air Engineer

JHK/SKW/bm

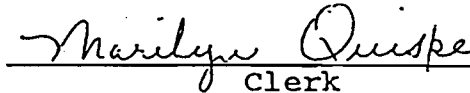
Attachment:

cc: Environmental Protection Commission
of Hillsborough County
Mark J. Hornick, P.E., Tampa Electric Company

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on DEC 19 1991 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.


Clerk

DEC 19 1991
Date



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7341

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

PERMITTEE:

Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

PERMIT/CERTIFICATION

Permit No.: **AO29-203001**
County: Hillsborough
Expiration Date: 12/01/96
Project: Hooker's Point
Station Unit #1

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part of hereof and specifically described as follows:

For the operation of a **298 MMBTU/hr.** steam generator designated as Unit #1. This front firing type boiler was manufactured by Babcock and Wilcox Corporation and is fired on **No. 6 fuel oil**. The unit has no add-on pollution control equipment. Air pollutant emissions are controlled by efficient combustion of the fuel. Unit Nos. 1, 2, and 5 share the same stack exhaust (#5 stack), located on the west side of the building between stacks #2 and #4.

Location: At the foot of Hemlock Street, Tampa

UTM: 17-358.0 E 3091.0 N NEDS NO: 0038 Point ID: 01

Replaces Permit No.: **AO29-125685**

1435.8 TPY SO₂ MAX ALL-

20 MW

17,151.10³ gals/year

$$\frac{17,151.152 \cdot 1.1}{2 \cdot 10^3} = 1433.8 \checkmark$$

ELSA: ^{PM} no allowables listed
however ^{SO₂} PTE's are: 1435.8 TPY SO₂

PM \checkmark also

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203001
PROJECT: Hooker's Point Station
Unit #1

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Except as provided in Specific Condition No. 5, the maximum allowable particulate matter emission rate from this source shall not exceed 0.1 pounds per MMBtu heat input over a two (2) hour average. [Rule 17-2.650(2)(c)2.b.(i), F.A.C.] 62-296.405(1)(b) 0.1 #/hr averaged over 2 hours?
3. Except as provided in Specific Condition No. 5, visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%. [Rules 17-2.650(2)(c)2.b.(ii) and 17-2.600(5)(a)1., F.A.C.] 62-296.405(1)(a)
4. The maximum allowable sulfur dioxide emission rate from this source shall not exceed 1.1 pounds per MMBtu heat input. [Rule 17-2.600(5)(a)3.a.(v), F.A.C.] 62-296.405(1)(c)(d)
5. Excess Emissions:
 - A. Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown are permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rule 17-2.250(2), F.A.C.] 62-210.700(2)
 - B. Excess emissions resulting from boiler cleaning (sootblowing) and load change are permitted provided that the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60% opacity, and providing (a) best operational practices to minimize emissions are adhered to and (b) the duration of the excess emissions are minimized. Particulate matter emissions shall not exceed an average of 0.3 pounds per MMBtu heat input during the 3-hour period of excess emissions allowed by part B. of this specific condition. [Rule 17-2.250(3), F.A.C.] 210.700(3)
 - C. Excess emissions resulting from malfunctions* are permitted provided (a) best operational practices to minimize emissions are adhered to and (b) the duration of excess emissions are minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department of Environmental Regulation for longer duration. [Rule 17-2.250(1), F.A.C.] 210.700(6)
 - D. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction is prohibited. [Rule 17-2.250(4), F.A.C.] 210.700(4)

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203001
PROJECT: Hooker's Point Station
Unit #1

SPECIFIC CONDITIONS: (continued)

* In case of excess emissions resulting from malfunctions, Tampa Electric Company shall notify the Environmental Protection Commission of Hillsborough County in accordance with Rule 17-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested. [Rule 17-2.250(6), F.A.C.] 210.700(6)

6. Test the emissions for the following pollutant(s) at intervals of 12 months from May 10, 1991 (\pm 90 days) and submit 2 copies of test data to the Air Section of the Environmental Protection Commission of Hillsborough County office and the Florida Department of Environmental Regulation within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 17-2.700, F.A.C.:

(X) Particulates**
(X) Opacity**

(X) Sulfur Dioxide*

* Compliance with the sulfur dioxide emission limits may be demonstrated by calculating SO₂ emissions based on the sulfur content of the fuel in lieu of stack sampling as provided in Rule 17-2.700, F.A.C. An analysis of the fuel oil shall be submitted with the stack test report. The analysis shall be in accordance with ASTM D4239-85 to determine sulfur content and contain as a minimum the Btu content (Btu/gal.), the density (lbs./gal.) and the sulfur content (% by weight). See 40 CFR 60 Subpart A

** Compliance with the particulate matter and opacity limits shall be demonstrated under both sootblowing and non-sootblowing operating conditions. 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.

7. Approved compliance testing of emissions must be conducted within \pm 10% of the maximum permitted heat input rate (298 MMBtu/hr.), when practicable. Testing may be conducted at less than 90% of the maximum permitted heat input rate; however, if so, the maximum permitted heat input rate is automatically amended to be equal to the test heat input rate. If the maximum permitted heat input rate for this source is exceeded by more than 10%, compliance testing shall be performed within 60 days of initiation of the higher rate and the results of the tests shall be submitted to the Department of Environmental Regulation and the Environmental Protection Commission of Hillsborough County. The Environmental Protection Commission of Hillsborough County may, for good cause shown, grant an extension of the 60-day time limit on a case by case basis. Acceptance of said test will automatically amend the maximum permitted heat input rate to be equal to the test heat input rate. The actual heat input rate shall be specified in each test

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203001
PROJECT: Hooker's Point Station
Unit #1

SPECIFIC CONDITIONS: (continued)

report. Failure to submit the actual heat input rate, or operation at conditions during testing which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance. [Rule 17-4.070(3), F.A.C.]

8. Compliance with the emission limitations of Specific Condition Nos. 2, 3, 4 and 5B (sootblowing) shall be determined using EPA Methods contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. in accordance with Table 700-1 and DER Method 9 contained in Rule 17-2.700, F.A.C. The Method 9 observation period shall be at least 60 minutes and concurrent with one stack test run for sootblowing and non-sootblowing conditions. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A. 297.401

9. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), Florida Statutes:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

Duplicate copies of all reports shall be submitted to the Environmental Protection Commission of Hillsborough County and the Florida Department of Environmental Regulation.

10. Operation and Maintenance Plan. [Rule 17-2.650(2)(g), F.A.C.]

A. Process System Performance Parameters:

- 1) Source Designator: Hooker's Point Unit #1
- 2) Design Fuel Consumption Rate: 43 barrels per hour
- 3) Steam Flow: 220,000 pounds per hour 42 gal.
- 4) Operating Temperature: 900° F.
- 5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203001
PROJECT: Hooker's Point Station
Unit #1

SPECIFIC CONDITIONS: (continued)

Daily

Check visible emissions
Sample fuel oil for monthly composite analysis
Maintain optimum flame pattern for efficient fuel combustion

Monthly

Monitor and back calculate fuel input rate

During Major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

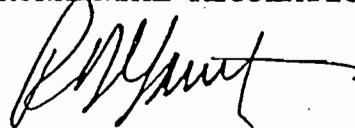
Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request. [Rule 17-2.650(2)(g)5., F.A.C.]

11. ~~The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source.~~ [Rules 17-2.700(2)(a)9. and 17-2.820(5), F.A.C.] *See Amendment dated 2/4/92.*

12. An application for renewal of permit to operate this source, completed in quadruplicate, shall be submitted to the Environmental Protection Commission of Hillsborough County at least 60 days prior to its expiration date. [Rule 17-4.090, F.A.C.]

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



Richard Garrity, Ph.D.
Director of District Management

ATTACHMENT - GENERAL CONDITIONS:

The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () Compliance with New Source Performance Standards

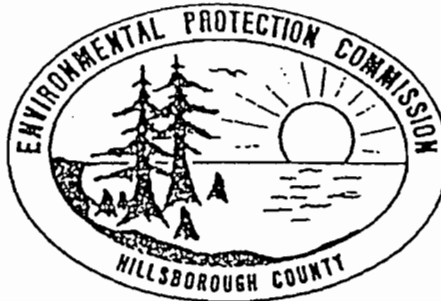
The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

COMMISSION
PHYLLIS BUSANSKY
JOE CHILLURA
PAM IORIO
SYLVIA KIMBELL
JAN KAMINIS PLATT
JAMES D. SELVEY
ED TURANCHIK

FAX (813) 272-5157



ROGER P. STEWART
EXECUTIVE DIRECTOR
ADMINISTRATIVE OFFICES
AND
WATER MANAGEMENT DIVISION
1900 - 9TH AVENUE
TAMPA, FLORIDA 33605
TELEPHONE (813) 272-5960
AIR MANAGEMENT DIVISION
TELEPHONE (813) 272-5530
WASTE MANAGEMENT DIVISION
TELEPHONE (813) 272-5788
ECOSYSTEMS MANAGEMENT DIVISION
TELEPHONE (813) 272-7104

February 6, 1992

RECEIVED

FEB 10 1992

Mr. Lynn F. Robinson
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

ENVIRONMENTAL
PLANNING

Re: Permit Renewal - Hooker's Point Unit Nos. 1, 2, 3, 4, 5, 6

Dear Mr. Robinson:

In accordance with our past procedures, the notification requirement in Specific Condition No. 11 of each operating permit does not have to be in writing. Notification by telephone fifteen (15) days in advance of compliance testing will satisfy the requirements of Specific Condition No. 11.

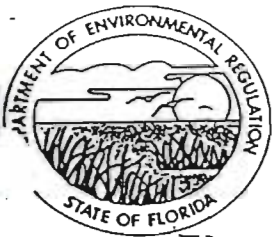
Please call me should you have any questions.

Sincerely,

Darrel Graziani

Darrel Graziani
Chief, Air Permitting Section

bm



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-621-5561

Carol M. Browner, Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. Lynn F. Robinson
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

DER File No.: **AO29-203000**
County: Hillsborough

Enclosed is Permit Number AO29-203000 to operate a 298 MMBTU/hr. steam generator designated as **Unit #2**, issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit 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 32399-2400, within fourteen (14) days of receipt of this permit. 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 telephone number of each petitioner, the applicant's name and address, the Department Permit File Number 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 warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends required 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 this permit. 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 right 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.

This permit is 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 will not be effective until further Order of the Department.

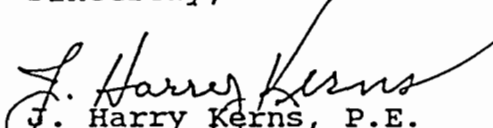
When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone 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.

Tampa Electric Company
Tampa, FL 33601-0111

Page Three

Executed in Tampa, Florida

Sincerely,


J. Harry Kerns, P.E.
District Air Engineer

JHK/SKW/bm

Attachment:

cc: Environmental Protection Commission
of Hillsborough County
Mark J. Hornick, P.E., Tampa Electric Company

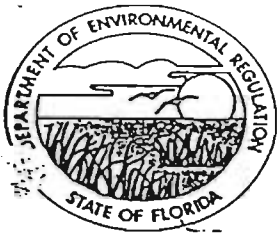
CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all
copies were mailed by certified mail before the close of business on
DEC 19 1991 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.


Clerk

DEC 19 1991
Date



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-734

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

PERMITTEE:

Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

PERMIT/CERTIFICATION

Permit No: **A029-203000**
County: Hillsborough
Expiration Date: 12/01/96
Project: Hooker's Point
Station Unit #2

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part of hereof and specifically described as follows:

For the operation of a **298 MMBTU/hr.** steam generator designated as Unit #2. This front firing type boiler was manufactured by Babcock and Wilcox Corporation and is fired on No. 6 fuel oil. The unit has no add-on pollution control equipment. Air pollutant emissions are controlled by efficient combustion of the fuel. Unit Nos. 1, 2, and 5 share the same stack exhaust (#5 stack), located on the west side of the building between stacks #2 and #4.

Location: At the foot of Hemlock Street, Tampa

UTM: 17-358.0 E 3091.0 N NEDS NO: 0038 Point ID: 02

Replaces Permit No.: A029-125686

20 MW

17151 $\cdot 10^3$ gals/yr.

ELSA: 9M
no allowables listed on PTE

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203000
PROJECT: Hooker's Point Station
Unit #2

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Except as provided in Specific Condition No. 5, the maximum allowable particulate matter emission rate from this source shall not exceed 0.1 pounds per MMBtu heat input over a two (2) hour average. [Rule 17-2.650(2)(c)2.b.(i), F.A.C.]
3. Except as provided in Specific Condition No. 5, visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%. [Rules 17-2.650(2)(c)2.b.(ii) and 17-2.600(5)(a)1., F.A.C.]
4. The maximum allowable sulfur dioxide emission rate from this source shall not exceed 1.1 pounds per MMBtu heat input. [Rule 17-2.600(5)(a)3.a.(v), F.A.C.]
5. Excess Emissions:
 - A. Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown are permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rule 17-2.250(2), F.A.C.]
 - B. Excess emissions resulting from boiler cleaning (sootblowing) and load change are permitted provided that the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60% opacity, and providing (a) best operational practices to minimize emissions are adhered to and (b) the duration of the excess emissions are minimized. Particulate matter emissions shall not exceed an average of 0.3 pounds per MMBtu heat input during the 3-hour period of excess emissions allowed by part B. of this specific condition. [Rule 17-2.250(3), F.A.C.]
 - C. Excess emissions resulting from malfunctions* are permitted provided (a) best operational practices to minimize emissions are adhered to and (b) the duration of excess emissions are minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department of Environmental Regulation for longer duration. [Rule 17-2.250(1), F.A.C.]
 - D. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction is prohibited. [Rule 17-2.250(4), F.A.C.]

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203000
PROJECT: Hooker's Point Station
Unit #2

SPECIFIC CONDITIONS: (continued)

* In case of excess emissions resulting from malfunctions, Tampa Electric Company shall notify the Environmental Protection Commission of Hillsborough County in accordance with Rule 17-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested. [Rule 17-2.250(6), F.A.C.]

6. Test the emissions for the following pollutant(s) at intervals of 12 months from May 10, 1991 (\pm 90 days) and submit 2 copies of test data to the Air Section of the Environmental Protection Commission of Hillsborough County office and the Florida Department of Environmental Regulation within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 17-2.700, F.A.C.:

(X) Particulates**
(X) Opacity**

(X) Sulfur Dioxide*

* Compliance with the sulfur dioxide emission limits may be demonstrated by calculating SO₂ emissions based on the sulfur content of the fuel in lieu of stack sampling as provided in Rule 17-2.700, F.A.C. An analysis of the fuel oil shall be submitted with the stack test report. The analysis shall be in accordance with ASTM D4239-85 to determine sulfur content and contain as a minimum the Btu content (Btu/gal.), the density (lbs./gal.) and the sulfur content (% by weight).

** Compliance with the particulate matter and opacity limits shall be demonstrated under both sootblowing and non-sootblowing operating conditions. A test under sootblowing conditions which demonstrates compliance with a non-sootblowing limitation will be accepted as proof of compliance with that non-sootblowing limitation.

7. Approved compliance testing of emissions must be conducted within \pm 10% of the maximum permitted heat input rate (298 MMBtu/hr.), when practicable. Testing may be conducted at less than 90% of the maximum permitted heat input rate; however, if so, the maximum permitted heat input rate is automatically amended to be equal to the test heat input rate. If the maximum permitted heat input rate for this source is exceeded by more than 10%, compliance testing shall be performed within 60 days of initiation of the higher rate and the results of the tests shall be submitted to the Department of Environmental Regulation and the Environmental Protection Commission of Hillsborough County. The Environmental Protection Commission of Hillsborough County may, for good cause shown, grant an extension of the 60-day time limit on a case by case basis. Acceptance of said test will automatically amend the maximum permitted heat input rate to be equal to the test heat input rate. The actual heat input rate shall be specified in each test

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203000
PROJECT: Hooker's Point Station
Unit #2

SPECIFIC CONDITIONS: (continued)

report. Failure to submit the actual heat input rate, or operation at conditions during testing which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance. [Rule 17-4.070(3), F.A.C.]

8. Compliance with the emission limitations of Specific Condition Nos. 2, 3, 4 and 5B (sootblowing) shall be determined using EPA Methods contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. in accordance with Table 700-1 and DER Method 9 contained in Rule 17-2.700, F.A.C. The Method 9 observation period shall be at least 60 minutes and concurrent with one stack test run for sootblowing and non-sootblowing conditions. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

9. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), Florida Statutes:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

Duplicate copies of all reports shall be submitted to the Environmental Protection Commission of Hillsborough County and the Florida Department of Environmental Regulation.

10. Operation and Maintenance Plan. [Rule 17-2.650(2)(g), F.A.C.]

A. Process System Performance Parameters:

- 1) Source Designator: Hooker's Point Unit #2
- 2) Design Fuel Consumption Rate: 43 barrels per hour
- 3) Steam Flow: 220,000 pounds per hour
- 4) Operating Temperature: 900° F.
- 5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203000
PROJECT: Hooker's Point Station
Unit #2

SPECIFIC CONDITIONS: (continued)

Daily

Check visible emissions
Sample fuel oil for monthly composite analysis
Maintain optimum flame pattern for efficient fuel combustion

Monthly

Monitor and back calculate fuel input rate

During Major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

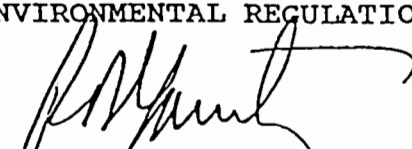
Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request. [Rule 17-2.650(2)(g)5., F.A.C.]

11. The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source. [Rules 17-2.700(2)(a)9. and 17-2.820(5), F.A.C.] *See Amendment dated 2/6/92.*

12. An application for renewal of permit to operate this source, completed in quadruplicate, shall be submitted to the Environmental Protection Commission of Hillsborough County at least 60 days prior to its expiration date. [Rule 17-4.090, F.A.C.]

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



Richard Garrity, Ph.D.
Director of District Management

ATTACHMENT - GENERAL CONDITIONS:

The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. Lynn F. Robinson
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

DER File No.: A029-202999
County: Hillsborough

Enclosed is Permit Number A029-202999 to operate a 411 MMBTU/hr. steam generator designated as Unit #3, issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit 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 32399-2400, within fourteen (14) days of receipt of this permit. 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 telephone number of each petitioner, the applicant's name and address, the Department Permit File Number 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 warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends required 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 this permit. 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 right 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.

This permit is 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 will not be effective until further Order of the Department.

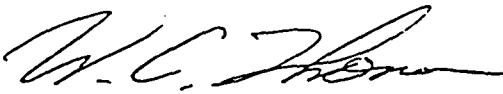
When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone 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.

Tampa Electric Company
Tampa, FL 33601-0111

Page Three

Executed in Tampa, Florida

Sincerely,


For J. Harry Kerns, P.E.
District Air Engineer

JHK/SKW/bm

Attachment:

cc: Environmental Protection Commission
of Hillsborough County
Mark J. Hornick, P.E., Tampa Electric Company

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all
copies were mailed by certified mail, before the close of business on
DEC 19 1991 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.


Clerk

DEC 19 1991
Date



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-734

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

PERMITTEE:

Tampa Electric Company

Post Office Box 111

Tampa, FL 33601-0111

PERMIT/CERTIFICATION

Permit No: **A029-202999**

County: Hillsborough

Expiration Date: 12/01/96

Project: Hooker's Point

Station **Unit #3**

20 MWatt

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part of hereof and specifically described as follows:

For the operation of a 411 MMBTU/hr. steam generator designated as Unit #3. This front firing type boiler was manufactured by Babcock and Wilcox Corporation and is fired on No. 6 fuel oil. The unit has no add-on pollution control equipment. Air pollutant emissions are controlled by efficient combustion of the fuel. Unit Nos. 3 and 4 share the same stack exhaust (#2 stack), the southern most stack on the west side of the building.

Location: At the foot of Hemlock Street, Tampa

UTM: 17-358.0 E 3091.0 N NEDS NO: 0038 Point ID: 03

Replaces Permit No.: A029-125687

152 MMBTU/10³ gals

1980.2 TPY SO₂

20 MWatt

23,654 · 10³ gals/year

$$\therefore \frac{23,654 \cdot 152 \times 1.1}{2 \cdot 10^3} = 1,977 \text{ TPY } \text{SO}_2 \checkmark$$

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202999
PROJECT: Hooker's Point Station
Unit #3

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Except as provided in Specific Condition No. 5, the maximum allowable particulate matter emission rate from this source shall not exceed 0.1 pounds per MMBtu heat input over a two (2) hour average. [Rule 17-2.650(2)(c)2.b.(i), F.A.C.]
3. Except as provided in Specific Condition No. 5, visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%. [Rules 17-2.650(2)(c)2.b.(ii) and 17-2.600(5)(a)1., F.A.C.]
4. The maximum allowable sulfur dioxide emission rate from this source shall not exceed 1.1 pounds per MMBtu heat input. [Rule 17-2.600(5)(a)3.a.(v), F.A.C.]
5. Excess Emissions:
 - A. Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown are permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rule 17-2.250(2), F.A.C.]
 - B. Excess emissions resulting from boiler cleaning (sootblowing) and load change are permitted provided that the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60% opacity, and providing (a) best operational practices to minimize emissions are adhered to and (b) the duration of the excess emissions are minimized. Particulate matter emissions shall not exceed an average of 0.3 pounds per MMBtu heat input during the 3-hour period of excess emissions allowed by part B. of this specific condition. [Rule 17-2.250(3), F.A.C.]
 - C. Excess emissions resulting from malfunctions* are permitted provided (a) best operational practices to minimize emissions are adhered to and (b) the duration of excess emissions are minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department of Environmental Regulation for longer duration. [Rule 17-2.250(1), F.A.C.]
 - D. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction is prohibited. [Rule 17-2.250(4), F.A.C.]

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202999
PROJECT: Hooker's Point Station
Unit #3

SPECIFIC CONDITIONS: (continued)

* In case of excess emissions resulting from malfunctions, Tampa Electric Company shall notify the Environmental Protection Commission of Hillsborough County in accordance with Rule 17-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested. [Rule 17-2.250(6), F.A.C.]

6. Test the emissions for the following pollutant(s) at intervals of 12 months from May 10, 1991 (\pm 90 days) and submit 2 copies of test data to the Air Section of the Environmental Protection Commission of Hillsborough County office and the Florida Department of Environmental Regulation within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 17-2.700, F.A.C.:

(X) Particulates**
(X) Opacity**

(X) Sulfur Dioxide*

* Compliance with the sulfur dioxide emission limits may be demonstrated by calculating SO₂ emissions based on the sulfur content of the fuel in lieu of stack sampling as provided in Rule 17-2.700, F.A.C. An analysis of the fuel oil shall be submitted with the stack test report. The analysis shall be in accordance with ASTM D4239-85 to determine sulfur content and contain as a minimum the Btu content (Btu/gal.), the density (lbs./gal.) and the sulfur content (% by weight).

** Compliance with the particulate matter and opacity limits shall be demonstrated under both sootblowing and non-sootblowing operating conditions. 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.

7. Approved compliance testing of emissions must be conducted within \pm 10% of the maximum permitted heat input rate (411 MMBtu/hr.), when practicable. Testing may be conducted at less than 90% of the maximum permitted heat input rate; however, if so, the maximum permitted heat input rate is automatically amended to be equal to the test heat input rate. If the maximum permitted heat input rate for this source is exceeded by more than 10%, compliance testing shall be performed within 60 days of initiation of the higher rate and the results of the tests shall be submitted to the Department of Environmental Regulation and the Environmental Protection Commission of Hillsborough County. The Environmental Protection Commission of Hillsborough County may, for good cause shown, grant an extension of the 60-day time limit on a case by case basis. Acceptance of said test will automatically amend the maximum permitted heat input rate to be equal to the test heat input rate. The actual heat input rate shall be specified in each test

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202999
PROJECT: Hooker's Point Station
Unit #3

SPECIFIC CONDITIONS: (continued)

report. Failure to submit the actual heat input rate, or operation at conditions during testing which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance. [Rule 17-4.070(3), F.A.C.]

8. Compliance with the emission limitations of Specific Condition Nos. 2, 3, 4 and 5B (sootblowing) shall be determined using EPA Methods contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. in accordance with Table 700-1 and DER Method 9 contained in Rule 17-2.700, F.A.C. The Method 9 observation period shall be at least 60 minutes and concurrent with one stack test run for sootblowing and non-sootblowing conditions. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

9. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), Florida Statutes:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

Duplicate copies of all reports shall be submitted to the Environmental Protection Commission of Hillsborough County and the Florida Department of Environmental Regulation.

10. Operation and Maintenance Plan. [Rule 17-2.650(2)(g), F.A.C.]

A. Process System Performance Parameters:

- 1) Source Designator: Hooker's Point Unit #3
- 2) Design Fuel Consumption Rate: 59.4 barrels per hour
- 3) Steam Flow: 303,000 pounds per hour
- 4) Operating Temperature: 900° F.
- 5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202999
PROJECT: Hooker's Point Station
Unit #3

SPECIFIC CONDITIONS: (continued)

Daily

Check visible emissions
Sample fuel oil for monthly composite analysis
Maintain optimum flame pattern for efficient fuel combustion

Monthly

Monitor and back calculate fuel input rate

During Major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

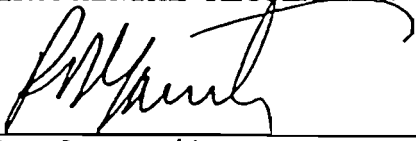
Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request. [Rule 17-2.650(2)(g)5., F.A.C.]

11. The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source. [Rules 17-2.700(2)(a)9. and 17-2.820(5), F.A.C.] *See Amendment dated 2/6/92.*

12. An application for renewal of permit to operate this source, completed in quadruplicate, shall be submitted to the Environmental Protection Commission of Hillsborough County at least 60 days prior to its expiration date. [Rule 17-4.090, F.A.C.]

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



Richard Garrity, Ph.D.
Director of District Management

ATTACHMENT - GENERAL CONDITIONS:

The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit..

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () Compliance with New Source Performance Standards

The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

PERMITTEE:

Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

PERMIT/CERTIFICATION

Permit No: **AO29-202998**
County: Hillsborough
Expiration Date: 12/01/96
Project: Hooker's Point
Station **Unit #4**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part of hereof and specifically described as follows:

For the operation of a 411 MMBTU/hr. steam generator designated as Unit #4. This front firing type boiler was manufactured by Babcock and Wilcox Corporation and is fired on No. 6 fuel oil. The unit has no add-on pollution control equipment. Air pollutant emissions are controlled by efficient combustion of the fuel. Unit Nos. 3 and 4 share the same stack exhaust (#2 stack), the southern most stack on the west side of the building.

Location: At the foot of Hemlock Street, Tampa

UTM: 17-358.0 E 3091.0 N NEDS NO: 0038 Point ID: 04

Replaces Permit No.: AO29-125689

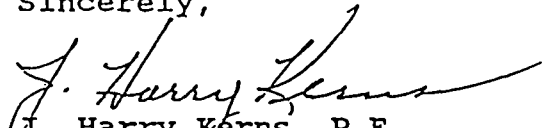
See
contact
①

Tampa Electric Company
Tampa, FL 33601-0111

Page Three

Executed in Tampa, Florida

Sincerely,


J. Harry Kerns, P.E.
District Air Engineer

JHK/SKW/bm

Attachment:

cc: Environmental Protection Commission
of Hillsborough County
Mark J. Hornick, P.E., Tampa Electric Company

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on DEC 19 1991 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.


Clerk

DEC 19 1991
Date

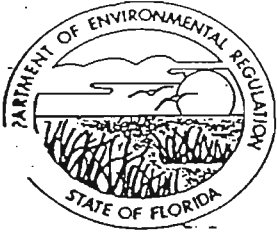
(f) A statement of which rules or statutes petitioner contends required reversal or modification of the Department's action or proposed action; and

(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 this permit. 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 right 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.

This permit is 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 will not be effective until further Order of the Department.

When the Order (Permit) 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 Stone 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.



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-734

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. Lynn F. Robinson
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

DER File No.: A029-202998
County: Hillsborough

Enclosed is Permit Number A029-202998 to operate a 411 MMBTU/hr. steam generator designated as Unit #4, issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit 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 32399-2400, within fourteen (14) days of receipt of this permit. 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 telephone number of each petitioner, the applicant's name and address, the Department Permit File Number 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 warrant reversal or modification of the Department's action or proposed action;

35 MWatt

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202998
PROJECT: Hooker's Point Station
Unit #4

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Except as provided in Specific Condition No. 5, the maximum allowable particulate matter emission rate from this source shall not exceed 0.1 pounds per MMBtu heat input over a two (2) hour average. [Rule 17-2.650(2)(c)2.b.(i), F.A.C.]
3. Except as provided in Specific Condition No. 5, visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%. [Rules 17-2.650(2)(c)2.b.(ii) and 17-2.600(5)(a)1., F.A.C.]
4. The maximum allowable sulfur dioxide emission rate from this source shall not exceed 1.1 pounds per MMBtu heat input. [Rule 17-2.600(5)(a)3.a.(v), F.A.C.]
5. Excess Emissions:
 - A. Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown are permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rule 17-2.250(2), F.A.C.]
 - B. Excess emissions resulting from boiler cleaning (sootblowing) and load change are permitted provided that the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60% opacity, and providing (a) best operational practices to minimize emissions are adhered to and (b) the duration of the excess emissions are minimized. Particulate matter emissions shall not exceed an average of 0.3 pounds per MMBtu heat input during the 3-hour period of excess emissions allowed by part B. of this specific condition. [Rule 17-2.250(3), F.A.C.]
 - C. Excess emissions resulting from malfunctions* are permitted provided (a) best operational practices to minimize emissions are adhered to and (b) the duration of excess emissions are minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department of Environmental Regulation for longer duration. [Rule 17-2.250(1), F.A.C.]
 - D. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction is prohibited. [Rule 17-2.250(4), F.A.C.]

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202998
PROJECT: Hooker's Point Station
Unit #4

SPECIFIC CONDITIONS: (continued)

* In case of excess emissions resulting from malfunctions, Tampa Electric Company shall notify the Environmental Protection Commission of Hillsborough County in accordance with Rule 17-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested. [Rule 17-2.250(6), F.A.C.]

6. Test the emissions for the following pollutant(s) at intervals of 12 months from May 10, 1991 (\pm 90 days) and submit 2 copies of test data to the Air Section of the Environmental Protection Commission of Hillsborough County office and the Florida Department of Environmental Regulation within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 17-2.700, F.A.C.:

(X) Particulates**
(X) Opacity**

(X) Sulfur Dioxide*

* Compliance with the sulfur dioxide emission limits may be demonstrated by calculating SO₂ emissions based on the sulfur content of the fuel in lieu of stack sampling as provided in Rule 17-2.700, F.A.C. An analysis of the fuel oil shall be submitted with the stack test report. The analysis shall be in accordance with ASTM D4239-85 to determine sulfur content and contain as a minimum the Btu content (Btu/gal.), the density (lbs./gal.) and the sulfur content (% by weight).

** Compliance with the particulate matter and opacity limits shall be demonstrated under both sootblowing and non-sootblowing operating conditions. 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.

7. Approved compliance testing of emissions must be conducted within \pm 10% of the maximum permitted heat input rate (411 MMBtu/hr.), when practicable. Testing may be conducted at less than 90% of the maximum permitted heat input rate; however, if so, the maximum permitted heat input rate is automatically amended to be equal to the test heat input rate. If the maximum permitted heat input rate for this source is exceeded by more than 10%, compliance testing shall be performed within 60 days of initiation of the higher rate and the results of the tests shall be submitted to the Department of Environmental Regulation and the Environmental Protection Commission of Hillsborough County. The Environmental Protection Commission of Hillsborough County may, for good cause shown, grant an extension of the 60-day time limit on a case by case basis. Acceptance of said test will automatically amend the maximum permitted heat input rate to be equal to the test heat input rate. The actual heat input rate shall be specified in each test

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202998
PROJECT: Hooker's Point Station
Unit #4

SPECIFIC CONDITIONS: (continued)

report. Failure to submit the actual heat input rate, or operation at conditions during testing which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance. [Rule 17-4.070(3), F.A.C.]

8. Compliance with the emission limitations of Specific Condition Nos. 2, 3, 4 and 5B (sootblowing) shall be determined using EPA Methods contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. in accordance with Table 700-1 and DER Method 9 contained in Rule 17-2.700, F.A.C. The Method 9 observation period shall be at least 60 minutes and concurrent with one stack test run for sootblowing and non-sootblowing conditions. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

9. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), Florida Statutes:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

Duplicate copies of all reports shall be submitted to the Environmental Protection Commission of Hillsborough County and the Florida Department of Environmental Regulation.

10. Operation and Maintenance Plan. [Rule 17-2.650(2)(g), F.A.C.]

A. Process System Performance Parameters:

- 1) Source Designator: Hooker's Point Unit #4
- 2) Design Fuel Consumption Rate: 59.4 barrels per hour
- 3) Steam Flow: 303,000 pounds per hour
- 4) Operating Temperature: 900° F.
- 5) Operating Pressure: 960 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202998
PROJECT: Hooker's Point Station
Unit #4

SPECIFIC CONDITIONS: (continued)

Daily

Check visible emissions
Sample fuel oil for monthly composite analysis
Maintain optimum flame pattern for efficient fuel combustion

Monthly

Monitor and back calculate fuel input rate

During Major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

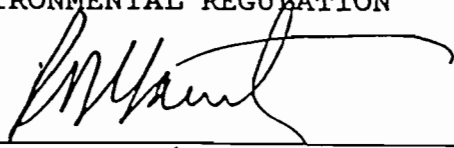
Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request. [Rule 17-2.650(2)(g)5., F.A.C.]

11. The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source. [Rules 17-2.700(2)(a)9. and 17-2.820(5), F.A.C.] *See Amendment dated 2/6/92*

12. An application for renewal of permit to operate this source, completed in quadruplicate, shall be submitted to the Environmental Protection Commission of Hillsborough County at least 60 days prior to its expiration date. [Rule 17-4.090, F.A.C.]

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



Richard Garrity, Ph.D.
Director of District Management

ATTACHMENT - GENERAL CONDITIONS:

The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

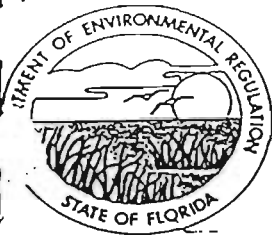
13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () Compliance with New Source Performance Standards

The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

RECEIVED

Mr. Lynn F. Robinson
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

DEC 29 1991

DER File No.: AO29-202997
County: Hillsborough

ENVIRONMENTAL
PLANNING

Enclosed is Permit Number AO29-202997 to operate a 610 MMBTU/hr. steam generator designated as Unit #5, issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit 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 32399-2400, within fourteen (14) days of receipt of this permit. 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 telephone number of each petitioner, the applicant's name and address, the Department Permit File Number 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 warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends required 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 this permit. 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 right 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.

This permit is 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 will not be effective until further Order of the Department.

When the Order (Permit) 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 Stone 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.

Tampa Electric Company
Tampa, FL 33601-0111

Page Three

Executed in Tampa, Florida

Sincerely,

J. Harry Kerns
J. Harry Kerns, P.E.
District Air Engineer

JHK/SKW/bm

Attachment:

cc: Environmental Protection Commission
of Hillsborough County
Mark J. Hornick, P.E., Tampa Electric Company

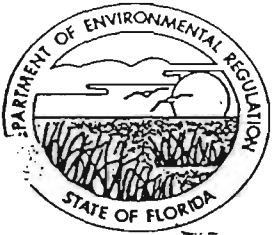
CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all
copies were mailed by certified mail before the close of business on
DEC 19 1991 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 Dueske
Clerk

DEC 19 1991
Date



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7341

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

PERMITTEE:

Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

PERMIT/CERTIFICATION

Permit No: **AO29-202997**
County: Hillsborough
Expiration Date: 12/01/96
Project: Hooker's Point
Station Unit **#5**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part of hereof and specifically described as follows:

For the operation of a **610 MMBTU/hr.** steam generator designated as Unit #5. This front firing type boiler was manufactured by Babcock and Wilcox Corporation and is fired on No. 6 fuel oil. The unit has no add-on pollution control equipment. Air pollutant emissions are controlled by efficient combustion of the fuel. Unit Nos. 1, 2, and 5 share the same stack exhaust (#5 stack), located on the west side of the building between stacks #2 and #4.

Location: At the foot of Hemlock Street, Tampa

UTM: 17-358.0 E 3091.0 N NEDS NO: 0038 Point ID: 05

Replaces Permit No.: AO29-125690

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: A029-202997
PROJECT: Hooker's Point Station
Unit #5

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Except as provided in Specific Condition No. 5, the maximum allowable particulate matter emission rate from this source shall not exceed 0.1 pounds per MMBtu heat input over a two (2) hour average. [Rule 17-2.650(2)(c)2.b.(i), F.A.C.]
3. Except as provided in Specific Condition No. 5, visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%. [Rules 17-2.650(2)(c)2.b.(ii) and 17-2.600(5)(a)1., F.A.C.]
4. The maximum allowable sulfur dioxide emission rate from this source shall not exceed 1.1 pounds per MMBtu heat input. [Rule 17-2.600(5)(a)3.a.(v), F.A.C.]
5. Excess Emissions:
 - A. Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown are permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rule 17-2.250(2), F.A.C.]
 - B. Excess emissions resulting from boiler cleaning (sootblowing) and load change are permitted provided that the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60% opacity, and providing (a) best operational practices to minimize emissions are adhered to and (b) the duration of the excess emissions are minimized. Particulate matter emissions shall not exceed an average of 0.3 pounds per MMBtu heat input during the 3-hour period of excess emissions allowed by part B. of this specific condition. [Rule 17-2.250(3), F.A.C.]
 - C. Excess emissions resulting from malfunctions* are permitted provided (a) best operational practices to minimize emissions are adhered to and (b) the duration of excess emissions are minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department of Environmental Regulation for longer duration. [Rule 17-2.250(1), F.A.C.]
 - D. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction is prohibited. [Rule 17-2.250(4), F.A.C.]

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: A029-202997
PROJECT: Hooker's Point Station
Unit #5

SPECIFIC CONDITIONS: (continued)

* In case of excess emissions resulting from malfunctions, Tampa Electric Company shall notify the Environmental Protection Commission of Hillsborough County in accordance with Rule 17-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested. [Rule 17-2.250(6), F.A.C.]

6. Test the emissions for the following pollutant(s) at intervals of 12 months from May 10, 1991 (± 90 days) and submit 2 copies of test data to the Air Section of the Environmental Protection Commission of Hillsborough County office and the Florida Department of Environmental Regulation within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 17-2.700, F.A.C.:

(X) Particulates**
(X) Opacity**

(X) Sulfur Dioxide*

* Compliance with the sulfur dioxide emission limits may be demonstrated by calculating SO₂ emissions based on the sulfur content of the fuel in lieu of stack sampling as provided in Rule 17-2.700, F.A.C. An analysis of the fuel oil shall be submitted with the stack test report. The analysis shall be in accordance with ASTM D4239-85 to determine sulfur content and contain as a minimum the Btu content (Btu/gal.), the density (lbs./gal.) and the sulfur content (% by weight).

← ** Compliance with the particulate matter and opacity limits shall be demonstrated under both sootblowing and non-sootblowing operating conditions. 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.

7. Approved compliance testing of emissions must be conducted within ± 10% of the maximum permitted heat input rate (610 MMBtu/hr.), when practicable. Testing may be conducted at less than 90% of the maximum permitted heat input rate; however, if so, the maximum permitted heat input rate is automatically amended to be equal to the test heat input rate. If the maximum permitted heat input rate for this source is exceeded by more than 10%, compliance testing shall be performed within 60 days of initiation of the higher rate and the results of the tests shall be submitted to the Department of Environmental Regulation and the Environmental Protection Commission of Hillsborough County. The Environmental Protection Commission of Hillsborough County may, for good cause shown, grant an extension of the 60-day time limit on a case by case basis. Acceptance of said test will automatically amend the maximum permitted heat input rate to be equal to the test heat input rate. The actual heat input rate shall be specified in each test

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202997
PROJECT: Hooker's Point Station
Unit #5

SPECIFIC CONDITIONS: (continued)

report. Failure to submit the actual heat input rate, or operation at conditions during testing which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance. [Rule 17-4.070(3), F.A.C.]

8. Compliance with the emission limitations of Specific Condition Nos. 2, 3, 4 and 5B (sootblowing) shall be determined using EPA Methods contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. in accordance with Table 700-1 and DER Method 9 contained in Rule 17-2.700, F.A.C. The Method 9 observation period shall be at least 60 minutes and concurrent with one stack test run for sootblowing and non-sootblowing conditions. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

9. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), Florida Statutes:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

Duplicate copies of all reports shall be submitted to the Environmental Protection Commission of Hillsborough County and the Florida Department of Environmental Regulation.

10. Operation and Maintenance Plan. [Rule 17-2.650(2)(g), F.A.C.]

A. Process System Performance Parameters:

- 1) Source Designator: Hooker's Point Unit #5
- 2) Design Fuel Consumption Rate: 86.2 barrels per hour
- 3) Steam Flow: 440,000 pounds per hour
- 4) Operating Temperature: 900° F.
- 5) Operating Pressure: 975 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-202997
PROJECT: Hooker's Point Station
Unit #5

SPECIFIC CONDITIONS: (continued)

Daily

Check visible emissions
Sample fuel oil for monthly composite analysis
Maintain optimum flame pattern for efficient fuel combustion

Monthly

Monitor and back calculate fuel input rate

During Major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request. [Rule 17-2.650(2)(g)5., F.A.C.]

11. The Environmental Protection Commission of Hillsborough County shall be notified in writing ~~15 days~~ in advance of any compliance test to be conducted on this source. [Rules 17-2.700(2)(a)9. and 17-2.820(5), F.A.C.] *See Amendment dated 2/6/92.*

12. An application for renewal of permit to operate this source, completed in quadruplicate, shall be submitted to the Environmental Protection Commission of Hillsborough County at least 60 days prior to its expiration date. [Rule 17-4.090, F.A.C.]

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



Richard Garrity, Ph.D.
Director of District Management

ATTACHMENT - GENERAL CONDITIONS:

The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 23.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () Compliance with New Source Performance Standards

4. The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used;
 - 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. Lynn F. Robinson
Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

DER File No.: **A029-203002**
County: Hillsborough

Enclosed is Permit Number A029-203002 to operate a 778 MMBTU/hr. steam generator designated as **Unit #6**, issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit 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 32399-2400, within fourteen (14) days of receipt of this permit. 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 telephone number of each petitioner, the applicant's name and address, the Department Permit File Number 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 warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends required 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 this permit. 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 right 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.

This permit is 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 will not be effective until further Order of the Department.


When the Order (Permit) 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 Stone 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.

Tampa Electric Company
Tampa, FL 33601-0111

Page Three

Executed in Tampa, Florida

Sincerely,


J. Harry Kerns, P.E.
District Air Engineer

JHK/SKW/bm

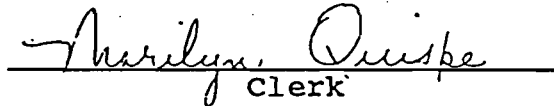
Attachment:

cc: Environmental Protection Commission
of Hillsborough County
Mark J. Hornick, P.E., Tampa Electric Company

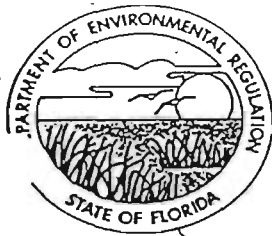
CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all
copies were mailed by certified mail before the close of business on
DEC 19 1991 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.


Clerk

DEC 19 1991
Date



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-73

Lawton Chiles, Governor

813-621-5561

Carol M. Browner, Secretary

PERMITTEE:

Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111

PERMIT/CERTIFICATION

Permit No: A029-203002
County: Hillsborough
Expiration Date: 12/01/96
Project: Hooker's Point
Station Unit #6

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made a part of hereof and specifically described as follows:

For the operation of a 778 MMBTU/hr. steam generator designated as Unit #6. This tangential firing type boiler was manufactured by Combustion Engineering Corporation and is fired on No. 6 fuel oil. The unit has no add-on pollution control equipment. Air pollutant emissions are controlled by efficient combustion of the fuel. Unit No. 6 vents to stack #4, the northern most stack on the west side of the building.

Location: At the foot of Hemlock Street, Tampa

UTM: 17-358.0 E 3091.0 N NEDS NO: 0038 Point ID: 06

Replaces Permit No.: A029-125691

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203002
PROJECT: Hooker's Point Station
Unit #6

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Except as provided in Specific Condition No. 5, the maximum allowable particulate matter emission rate from this source shall not exceed 0.1 pounds per MMBtu heat input over a two (2) hour average. [Rule 17-2.650(2)(c)2.b.(i), F.A.C.]
3. Except as provided in Specific Condition No. 5, visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%. [Rules 17-2.650(2)(c)2.b.(ii) and 17-2.600(5)(a)1., F.A.C.]
4. The maximum allowable sulfur dioxide emission rate from this source shall not exceed 1.1 pounds per MMBtu heat input. [Rule 17-2.600(5)(a)3.a.(v), F.A.C.]
5. Excess Emissions:
 - A. Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown are permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rule 17-2.250(2), F.A.C.]
 - B. Excess emissions resulting from boiler cleaning (sootblowing) and load change are permitted provided that the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60% opacity, and providing (a) best operational practices to minimize emissions are adhered to and (b) the duration of the excess emissions are minimized. Particulate matter emissions shall not exceed an average of 0.3 pounds per MMBtu heat input during the 3-hour period of excess emissions allowed by part B. of this specific condition. [Rule 17-2.250(3), F.A.C.]
 - C. Excess emissions resulting from malfunctions* are permitted provided (a) best operational practices to minimize emissions are adhered to and (b) the duration of excess emissions are minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department of Environmental Regulation for longer duration. [Rule 17-2.250(1), F.A.C.]
 - D. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction is prohibited. [Rule 17-2.250(4), F.A.C.]

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203002
PROJECT: Hooker's Point Station
Unit #6

SPECIFIC CONDITIONS: (continued)

* In case of excess emissions resulting from malfunctions, Tampa Electric Company shall notify the Environmental Protection Commission of Hillsborough County in accordance with Rule 17-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested. [Rule 17-2.250(6), F.A.C.]

6. Test the emissions for the following pollutant(s) at intervals of 12 months from May 10, 1991 (\pm 90 days) and submit 2 copies of test data to the Air Section of the Environmental Protection Commission of Hillsborough County office and the Florida Department of Environmental Regulation within forty-five days of such testing. Testing procedures shall be consistent with the requirements of Rule 17-2.700, F.A.C.:

(X) Particulates**
(X) Opacity**

(X) Sulfur Dioxide*

* Compliance with the sulfur dioxide emission limits may be demonstrated by calculating SO₂ emissions based on the sulfur content of the fuel in lieu of stack sampling as provided in Rule 17-2.700, F.A.C. An analysis of the fuel oil shall be submitted with the stack test report. The analysis shall be in accordance with ASTM D4239-85 to determine sulfur content and contain as a minimum the Btu content (Btu/gal.), the density (lbs./gal.) and the sulfur content (% by weight).

** Compliance with the particulate matter and opacity limits shall be demonstrated under both sootblowing and non-sootblowing operating conditions. 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.

7. Approved compliance testing of emissions must be conducted within \pm 10% of the maximum permitted heat input rate (778 MMBtu/hr.), when practicable. Testing may be conducted at less than 90% of the maximum permitted heat input rate; however, if so, the maximum permitted heat input rate is automatically amended to be equal to the test heat input rate. If the maximum permitted heat input rate for this source is exceeded by more than 10%, compliance testing shall be performed within 60 days of initiation of the higher rate and the results of the tests shall be submitted to the Department of Environmental Regulation and the Environmental Protection Commission of Hillsborough County. The Environmental Protection Commission of Hillsborough County may, for good cause shown, grant an extension of the 60-day time limit on a case by case basis. Acceptance of said test will automatically amend the maximum permitted heat input rate to be equal to the test heat input rate. The actual heat input rate shall be specified in each test.

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203002
PROJECT: Hooker's Point Station
Unit #6

SPECIFIC CONDITIONS: (continued)

report. Failure to submit the actual heat input rate, or operation at conditions during testing which do not reflect normal operating conditions may invalidate the test and fail to provide reasonable assurance of compliance. [Rule 17-4.070(3), F.A.C.]

8. Compliance with the emission limitations of Specific Condition Nos. 2, 3, 4 and 5B (sootblowing) shall be determined using EPA Methods contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-2.700, F.A.C. in accordance with Table 700-1 and DER Method 9 contained in Rule 17-2.700, F.A.C. The Method 9 observation period shall be at least 60 minutes and concurrent with one stack test run for sootblowing and non-sootblowing conditions. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60, Appendix A.

9. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), Florida Statutes:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

Duplicate copies of all reports shall be submitted to the Environmental Protection Commission of Hillsborough County and the Florida Department of Environmental Regulation.

10. Operation and Maintenance Plan. [Rule 17-2.650(2)(g), F.A.C.]

A. Process System Performance Parameters:

- 1) Source Designator: Hooker's Point Unit #6
- 2) Design Fuel Consumption Rate: 126 barrels per hour
- 3) Steam Flow: 625,000 pounds per hour
- 4) Operating Temperature: 950° F.
- 5) Operating Pressure: 1450 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow
Steam Temperature
Steam Pressure
Excess Air

PERMITTEE:
Tampa Electric Company

PERMIT/CERTIFICATION NO.: AO29-203002
PROJECT: Hooker's Point Station
Unit #6

SPECIFIC CONDITIONS: (continued)

Daily

Check visible emissions
Sample fuel oil for monthly composite analysis
Maintain optimum flame pattern for efficient fuel combustion

Monthly

Monitor and back calculate fuel input rate

During Major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup


Inspect burners and clean as necessary.
Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request. [Rule 17-2.650(2)(g)5., F.A.C.]

11. ~~The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source. [Rules 17-2.700(2)(a)9. and 17-2.820(5), F.A.C.]~~ See Amendment dated 2/16/92.

12. An application for renewal of permit to operate this source, completed in quadruplicate, shall be submitted to the Environmental Protection Commission of Hillsborough County at least 60 days prior to its expiration date. [Rule 17-4.090, F.A.C.]

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



Richard Garrity, Ph.D.
Director of District Management

ATTACHMENT - GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 3.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-730.300, Florida Administrative Code, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
- () Compliance with New Source Performance Standards

The permittee shall comply with the following:

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

RECEIVED

AUG 9 1994

ENVIRONMENTAL
PLANNING

4APT-AEB

AUG - 3 1994

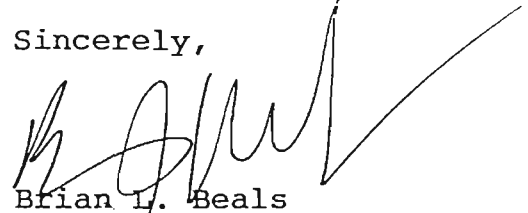
Mr. A. Spencer Autry
Designated Representative
Tampa Electric Company
P.O. Box 111
Tampa, Florida 33601-0111

Dear Mr. Autry:

Enclosed you will find the final **Acid Rain** permit issued by the U.S. Environmental Protection Agency (EPA) for Tampa Electric Company - Hookers Point. The permit was issued by EPA Region IV on July 15, 1994. The enclosed notice of this final permit action was published in the Federal Register on July 28, 1994. Additionally, we have enclosed the response to comments document applicable to your facility. This document will be included in the official EPA administrative record.

Your cooperation has been appreciated. If you have any questions, please contact Scott Davis or me at (404) 347-5014.

Sincerely,


Brian L. Beals
Acting Chief
Source Evaluation and
Asbestos Section
Air, Pesticides and Toxics
Management Division

Enclosure

cc: Preston Lewis, FDEP



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Tampa Electric Corporation-Hookers Point
Operated by: Tampa Electric Corporation
Effective: January 1, 1995 to December 31, 1999

Summary of Previous Actions

This page will be replaced to document new EPA actions each time a new action is taken by the Agency. The following actions have been taken:

1. Draft permit, including SO₂ compliance plan, July 16, 1993
issued for public comment.
(See page 1)

Present Action

2. SO₂ portion of permit issued as direct final permit, which will
be final 40 days after notice in the Federal Register, unless
adverse public comment is received within 30 days after publication.

Winston A. Smith
Signature

7-15-94
Date

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
Telephone: (404) 347-3043 Facsimile: (404) 347-5207



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Tampa Electric Corporation-Hookers Point
Operated by: Tampa Electric Corporation
Effective: January 1, 1995 to December 31, 1999

The Acid Rain Permit comprises the following:

1. The statement of basis prepared by EPA containing:

Part A, with references to statutory and regulatory authorities, and comments, notes and justifications that apply to the source in general; and

Part B, for each unit at this source:

- a table of SO₂ allowances to be allocated under this permit during Phase I, and
- comments, notes and justifications regarding permit decisions and changes made to the permit application during the review process, and any additional requirements.

2. The permit application that this source submitted, as corrected by EPA. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

Statement of Basis. Part A

Page 2

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Statutory and Regulatory Authorities. In accordance with Title IV of the Clean Air Act Amendments of 1990, the U. S. Environmental Protection Agency issues this permit pursuant to 40 CFR part 72, subparts E and F.

Comments, notes and justifications that apply to the source in general:

Due to a typographical error on the Phase I Permit Application form, the reference on the Phase I Permit Application form at Step 2, "Hold allowances in accordance with 40 CFR 72.9(d)(1)," has been changed to "Hold allowances in accordance with 40 CFR 72.9(c)(1)."

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

7/14/94

Date

Statement of Basis. Part B

Page 3

Plant Name: Hookers Point
State: Florida
ORIS Code: 0647
Boiler ID#: HB01

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	0	0	0	0	0
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 27 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS
Permit Reviewer


Signature

7/14/94
Date

Statement of Basis. Part B

Page 4

Plant Name: Hookers Point
State: Florida
ORIS Code: 0647
Boiler ID#: HB02

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	31*	31*	31*	31*	31*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 3 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS
Permit Reviewer

R. Scott Davis
Signature

7/14/94
Date

Statement of Basis. Part B

Page 5

Plant Name: Hookers Point
State: Florida
ORIS Code: 0647
Boiler ID#: HB03

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	92*	92*	92*	92*	92*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 9 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS
Permit Reviewer

R. Scott Davis
Signature

7/14/94
Date

Statement of Basis. Part B

Page 6

Plant Name: Hookers Point
State: Florida
ORIS Code: 0647
Boiler ID#: HB04

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	145*	145*	145*	145*	145*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 15 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS
Permit Reviewer


Signature

7/14/94
Date

Statement of Basis. Part B

Page 7

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Boiler ID#: HB05

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	124*	124*	124*	124*	124*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 13 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

7/14/94

Date

Statement of Basis. Part B

Page 8

Plant Name: Hookers Point
State: Florida
ORIS Code: 0647
Boiler ID#: HB06

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	207*	207*	207*	207*	207*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 13 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS
Permit Reviewer

R. Scott Davis
Signature

7/14/94
Date

RESPONSE TO COMMENTS DOCUMENT

FOR

PUBLIC COMMENT PERIOD

FOR

Tampa Electric Company

Hookers Point Station

Phase I Acid Rain Permit

Docket/ORIS Code Number 0647

United States Environmental Protection Agency

Region IV

Atlanta, GA

Prepared on July 12, 1994

Prepared By: Kevin I. Taylor
R. Scott Davis

RESPONSE TO COMMENTS

PHASE I ACID RAIN PERMIT
TAMPA ELECTRIC COMPANY
HOOKERS POINT
DOCKET/ORIS CODE NO. 0647:

During the comment period for the draft Phase I Acid Rain Permit for Tampa Electric Company-Hookers Point, the U.S. Environmental Protection Agency (EPA) received a number of comments from individuals and organizations wishing to modify or change the permit. This document responds to and summarizes these comments and identifies the changes, if any, that have resulted in the permit.

I. Reduced Utilization and Substitution Plans

Section 1: Proposed Deferred Approval of 1996 through 1999 Compliance Plans.

Comment 1.1: Support proposed decision to not approve substitution and reduced utilization (with compensating units) plans for 1996-1999 period until regulations revised in a manner that is consistent with the Act. Additionally, the approval of these plans would result in a significant increase in allowable emissions.

Commenter(s): Natural Resources Defense Council (NRDC) et al.*

Response: Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (D.C. Cir. 1993) (signed May 4 and 20, 1994), EPA is not deferring action for any years on any substitution or reduced utilization plans or portions of plans and is approving (or disapproving) the plans and allocating allowances under certain conditions. See Statement of Basis in the final permit. The settlement reasonably resolves the issue of excess, new allowances. Because EPA is not deferring action on any plans or portions of plans, comments objecting to deferral of action are moot.

Comment 1.2: The EPA cannot defer action on compliance plans for the years 1996 through 1999.

Commenter(s): Tampa Electric Company

Response: See Comment 1.1.

Comment 1.3: The compliance plans submitted fully comply with the regulations in effect and therefore must be approved for the full five-year period.

Commenter(s): Tampa Electric Company

Response: See Comment 1.1.

Comment 1.4: The EPA has a binding duty under the Act, including section 408(c)(2) of the Act, to approve or disapprove a compliance plan within six months after a complete submission and to issue permits for a five-year period. This does not allow for a deferral of final action for years 1996 through 1999.

Commenter(s): Tampa Electric Company

Response: See Comment 1.1.

Comment 1.5: The existing regulations, including 40 CFR 72.62(a), do not allow for a deferral of final action.

Commenter(s): Tampa Electric Company

Response: See Comment 1.1.

Comment 1.6: For any possible future changes to the Acid Rain rules, the revised rules would apply only prospectively to those plans submitted after the promulgation date of revised rules.

Commenter(s): Tampa Electric Company

Response: See Comment 1.1.

Section 2: One Year Compliance Plan Approval

Comment 2.1: Blanket approval of substitution and reduced utilization plans for 1995 will result in excess allowances, significantly greater SO₂ emissions, and, ultimately, nonattainment of Phase I reductions mandated under the Act. Therefore, approval of plans for one year requires EPA to first acquire, and make available to the public, preapplication emission rates for substitution and compensating units, and adopted State/local emission rates that are applicable to such units now or in Phase I. Second, based on that information, EPA must conduct a substantive review of each application to assure excess allowances are not issued.

Commenter(s): Natural Resources Defense Council (NRDC) et al.*

Response: See Comment 1.1.

Comment 2.2: Before grandfathering any compliance plan for the one year (1995) period that could result in granting excess allowances, EPA must assess for the individual plans the reliance of, and the burdens on, the owner and operator. Only if the reliance and burden factors are significant can EPA grandfather a compliance plan for the one year period.

Commenter(s): Natural Resources Defense Council (NRDC) et al.*

Response: See Comment 1.1.

* Commenters represented by the NRDC submission include, Wasatch Clean Air Coalition, Southern Environmental Law Center, New Jersey Environmental Lobby, Sierra Club-Utah Chapter, Sierra Club, Kentucky Resources Council, A W Butler Audubon Society, Environmental Defense Fund, Audubon Society of New Hampshire, Appalachian Mountain Club, Wyoming Outdoor Council, Sierra Club-PA Chapter, Ohio Environmental Council, Campaign for Prosperous Georgia, and American Lung Association of New Jersey.

Angeles, Houston, New York City, Baltimore, Chicago, San Diego, Philadelphia, Hartford and Milwaukee. Under section 211(k)(10)(D), any area reclassified as a severe ozone nonattainment area under section 181(b) is also to be included in the reformulated gasoline program.

Any other ozone nonattainment area may be included in the program at the request of the governor of the state in which the area is located. Section 211(k)(6)(A) provides that upon the application of a Governor, EPA shall apply the prohibition against selling conventional gasoline (gasoline EPA has not certified as reformulated) in any area requested by the Governor which has been classified under subpart 2 of part D of title I of the Act as a Marginal, Moderate, Serious or Severe ozone nonattainment area.¹ Subparagraph 211(k)(6)(A) further provides that EPA is to apply the prohibition as of the date the Administrator "deems appropriate, not later than January 1, 1995, or 1 year after such application is received, whichever is later." In some cases the effective date may be extended for such an area as provided in section 211(k)(6)(B) based on a determination by EPA that there is "insufficient domestic capacity to produce" reformulated gasoline. Finally, EPA is to publish a governor's application in the Federal Register. To date, EPA has received and published applications from the Mayor of the District of Columbia and the Governors of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, and Texas. Although Vermont has requested to opt-in to the program, states without ozone nonattainment areas, such as Vermont, can not do so.

EPA published final regulations for the reformulated gasoline program on February 16, 1994 (59 FR 7716).

II. The Governor's Request

EPA received an application from the Hon. Brereton C. Jones, Governor of the State of Kentucky, for the Kentucky portions of the Louisville and the Cincinnati-Hamilton ozone nonattainment areas to be included in the reformulated gasoline program. His application is set out in full below:

[State of Kentucky letterhead]

September 19, 1993.

Ms. Carol Browner, Administrator,
U.S. Environmental Protection Agency, 401
M Street, SW., Washington, DC 20460

Dear Ms. Browner: In accordance with Section 211(k), (6)(A) of the Federal Clean Air Act, I request that, beginning January 1, 1995, the prohibition applying to the sale of conventional gasoline be extended to the Kentucky portion of the Louisville ozone non-attainment area and the Kentucky portion of the Cincinnati-Hamilton ozone non-attainment area. The Kentucky portion of the Louisville non-attainment area consists of Jefferson County and a portion of Bullitt and Oldham Counties. The Kentucky portion of the Cincinnati ozone non-attainment area consists of Boone, Campbell and Kenton Counties.

The Kentucky Natural Resources and Environmental Protection Cabinet recommended that I apply to you to require the use of reformulated gasoline in these counties in order to help achieve the reduction of volatile organic compounds mandated in Section 182(b)(1) of the Clean Air Act. The revision to Kentucky's State Implementation Plan for achieving a 15% reduction of volatile organic compounds due by November 15, 1993 will include emission reductions gained by the use of reformulated gasoline.

Sincerely,
Brereton C. Jones.

III. Action

Pursuant to the governor's letter and the provisions of section 211(k)(6), the prohibitions of subsection 211(k)(5) will be applied to the Kentucky portions of the Louisville and Cincinnati-Hamilton ozone non-attainment areas beginning January 1, 1995 (unless delayed, as provided above). The Kentucky portion of the Louisville non-attainment area consists of Jefferson County and a portion of Bullitt and Oldham Counties. The Kentucky portion of the Cincinnati ozone non-attainment area consists of Boone, Campbell and Kenton Counties. These ozone nonattainment areas are classified as moderate.²

Based on the governor's application, EPA's final rule for reformulated gasoline included these areas as covered area (40 CFR 80.70(j)).³

The application of the prohibitions to the Kentucky portions of the Louisville and Cincinnati-Hamilton areas cannot take effect any earlier than January 1, 1995 under section 211(k)(5) and cannot take effect any later than January 1, 1995, under section 211(k)(6)(A), unless the Administrator extends the effective date by rule under section 211(k)(6)(B).

Dated: July 15, 1994.

Carol M. Browner,
Administrator.

[FR Doc. 94-18388 Filed 7-27-94; 8:45 am]

BILLING CODE 6560-50-P

[FRL-5021-1]

Acid Rain Program: Notice of Final Permits

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of permits.

SUMMARY: The U.S. Environmental Protection Agency (EPA) is issuing, as a direct final action, 5-year Phase I Acid Rain Permits to 13 utility plants in accordance with the Acid Rain Program regulations (40 CFR part 72).

DATES: The permits will become final on September 6, 1994, except those permits on which EPA receives significant adverse comment by August 29, 1994. If EPA receives significant adverse comment on a permit, EPA will withdraw the direct final issuance of that permit and simultaneously repropose the permit. Such reproposal will provide an opportunity for public comment and requests for a public hearing.

ADDRESSES: Administrative Records. The administrative record for the permits, except information protected as confidential, may be viewed during normal operating hours at these locations:

For plants in New York: EPA Region 2, Jacob K. Javits Federal Bldg., 26 Federal Plaza, Room 505, New York, NY 10278.

For plants in Florida and Kentucky: EPA Region 4, 345 Courtland St., NE., Atlanta, GA 30365.

For plants in Missouri: EPA Region 7, 726 Minnesota Ave., Kansas City, KS 66101.

Comments. Send comments to the following addresses:

For plants in New York: EPA Region 2, Air and Waste Management Division, Attn: Steven C. Riva (address above)

For plants in Florida and Kentucky: EPA Region 4, Air, Pesticides, and Toxics Management Division, Attn: Winston Smith, Director (address above).

For plants in Missouri: EPA Region 7, Air and Toxics Division, Attn: Jon Knodel (address above).

Submit comments in duplicate and identify the permit to which the comments apply, the commenter's name, address, and telephone number, and the commenter's interest in the matter and affiliation, if any, to the owners and operators of all units in the permit. In the comment, include objections to the permit and the legal, factual, or other basis for the objections. This information will be used by EPA to determine if the comment is a significant adverse comment.

¹ EPA promulgated such designations pursuant to section 107(d)(4) of the Act (56 FR 56694; November 6, 1991).

² See 56 FR 56764, 54765 (November 6, 1991).

³ 59 FR 7852 (February 16, 1994).

FOR FURTHER INFORMATION CONTACT:

Contact the following persons for more information about a permit listed in this notice:

For plants in New York, Gerry DeGaetano, (212) 264-6685, EPA Region 2.

For plants in Florida and Kentucky, Scott Davis, (404) 347-5014, EPA Region 4 (address above).

For plants in Missouri, Jon Knodel, (913) 551-7622, EPA Region 7.

SUPPLEMENTARY INFORMATION: Title IV of the Clean Air Act directs EPA to establish a program to reduce the adverse effects of acidic deposition by promulgating rules and issuing permits to emission sources subject to the program. On January 11, 1993, EPA promulgated final rules implementing the program. Subsequently, several parties filed petitions for review of the rules with the U.S. Court of Appeals for the District of Columbia Circuit. On November 18, 1993, EPA published a notice of proposed revisions to rules regarding Phase I substitution and reduced utilization plans [sections 404 (b) and (c) and 408(c)(1)(B) of the Act]. On May 4, 1994, EPA and other parties signed a settlement agreement addressing the substitution and reduced utilization issues.

In today's action, EPA is issuing permits that are consistent with the May 4, 1994 settlement. Except as noted below, EPA approves for 1995-1999 all compliance options for which EPA deferred action for 1996-1999 in the draft permits. In addition, except as noted below, the numbers of substitution and compensating unit allowances allocated to each unit for 1995-1999 are identical to the numbers of allowances allocated to each unit for 1995 in the draft permits. The additional allowances discussed below are a one-time only allocation pursuant to the settlement. Upon activation of conditionally-approved plans, substitution or compensating unit allowances are allocated for the remaining years the plan is in effect. EPA issues the following permits:

Northport in New York.

Port Jefferson in New York.

Big Bend in Florida.

F J Gannon in Florida: No change for unit GB01; 4,581 substitution allowances for each year and 9 additional allowances to unit GB02 upon activation of substitution plan; 7,003 substitution allowances for each year and 437 additional allowances to unit GB03 upon activation of substitution plan; 7,570 substitution allowances for each year and 450 additional allowances to unit GB04

upon activation of substitution plan; 10,295 substitution allowances for each year and 520 additional allowances to unit GB05 upon activation of substitution plan; 16,107 substitution allowances for each year and 377 additional allowances to unit GB06 upon activation of substitution plan.

Hookers Point in Florida: 0 substitution allowances for each year and 27 additional allowances to unit HB01 upon activation of substitution plan; 31 substitution allowances for each year and 3 additional allowances to unit HB02 upon activation of substitution plan; 92 substitution allowances for each year and 9 additional allowances to unit HB03 upon activation of substitution plan; 145 substitution allowances for each year and 15 additional allowances to unit HB04 upon activation of substitution plan; 124 substitution allowances for each year and 13 additional allowances to unit HB05 upon activation of substitution plan; 207 substitution allowances for each year and 13 additional allowances to unit HB06 upon activation of substitution plan.

Big Sandy in Kentucky.

Coleman in Kentucky.

Cooper in Kentucky.

Dale in Kentucky: 2,115 substitution allowances for each year and 226 additional allowances to unit 3 upon activation of substitution plan, and 226 additional allowances if the unit becomes affected for NO_x; 1,729 substitution allowances for each year and 166 additional allowances to unit 4 upon activation of substitution plan, and 166 additional allowances if the unit becomes affected for NO_x.

East Bend in Kentucky.

H L Spurlock in Kentucky: 14,206 substitution allowances for each year and 1,593 additional allowances to unit 2 upon activation of substitution plan, and 1,593 additional allowances if the unit becomes affected for NO_x.

R D Green in Kentucky: No change for unit G1; 5,827 substitution allowances for each year and 492 additional allowances to unit G2.

Sibley in Missouri: 2,782 substitution allowances for each year and 28 additional allowances to unit 1; 3,332 substitution allowances for each year and 130 additional allowances to unit 2.

Dated: July 14, 1994.

Brian J. McLean,

Director, Acid Rain Division, Office of Atmospheric Programs, Office of Air and Radiation.

[FR Doc. 94-18323 Filed 7-27-94; 8:45 am]

BILLING CODE 5550-50-P

[FRL-5021-5]

Restatement of Policies Related to Environmental Auditing

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: The EPA Environmental Auditing Policy Statement ("1986 Policy") was originally published in the Federal Register on July 9, 1986 (51 FR 25004). The 1986 Policy states that "(c)larification of EPA's position regarding auditing may help encourage regulated entities to establish audit programs or upgrade systems already in place." The goal of this notice is to clarify EPA's current policies on and approach to auditing. This notice summarizes salient points from the 1986 Policy, which remains in effect. In addition, this notice updates the Agency's activities with respect to auditing and auditing policy and references pertinent language from other relevant policy documents, in anticipation of the public meeting on auditing scheduled for July 27-28, 1994. This notice does not represent a new EPA policy or position on environmental auditing; all existing policies remain in effect.

I. Auditing Public Meeting: Change of Location

The response to EPA's announcement (59 FR 31914, June 20, 1994) to hold a public meeting on auditing on July 27-28, 1994 has been overwhelming. Due to the expected size of the audience, therefore, the Agency has changed the location of this event. The new location is the Stouffer Mayflower Hotel in Washington, DC, at 1127 Connecticut Avenue, NW, Phone (202) 347-3000.

II. The Auditing Policy Reassessment

In response to a request by Administrator Carol M. Browner, the Office of Enforcement and Compliance Assurance (OECA) is reassessing the Agency's current policy regarding environmental auditing and self-evaluation by the regulated community. EPA has committed to investigating the perceived problems relating to auditing, self-evaluation, and disclosure through an empirical, information-gathering effort. The Agency must develop an adequate information base to give serious consideration to any policy options and to ensure that any decision to either reinforce, change, or supplement existing policy is informed by fact.

EPA hopes to collect such relevant data through the implementation of four actions this summer. First, the Agency

ELECTRONIC SUBMITTAL

1. The following information is being submitted for your information and for your use in the event you are required to submit a report on the subject of the above captioned project.

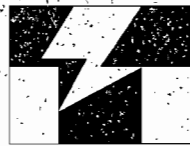
2. The information is being submitted for your information and for your use in the event you are required to submit a report on the subject of the above captioned project.

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TAMPA
ELECTRIC

A TECO ENERGY COMPANY

Tampa, Florida

HOOKERS POINT STATION

TITLE V OPERATION PERMIT APPLICATION

Airs: 0570038

ARMS: 1438

Prepared by:

ECT

Environmental Consulting & Technology, Inc.

3701 Northwest 98th Street
Gainesville, Florida 32606

ECT No. 94500-0011

June 1996