Air Resource Information

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Emission Report by Facility

Data for this Report is One Day Old Production Data.

Facility ID: 1050233 **Number of Emission Units:** 9
Owner/Company Name: TAMPA ELECTRIC COMPANY
Site Name: POLK POWER STATION
City: MULBERRY **Office:** SWD **County:** POLK
Status: ACTIVE **Compliance Tracking Code:** A **SIC:** 4911
Type: OTHER ELECTRIC PRODUCTION
PSD: Y **PPS:** Y **NSPS:** Y **NESHAP:** N
Title V Source: Y **Syn Non-Title V Source:**
Major of HAPS: N **Major of Non-HAP Pollutants:** Y
Syn Minor of HAPS: **Syn Minor of Non-HAP Pollutants:**

Pollutant	Poten(TPY)	Cap(TPY)	Actual(TPY) 2002	Actual(TPY)
SAM	246.8000		99.8861	7

Report Totals:

Pollutant	Office	County	Actual(TPY) 2002
SAM	SWD	POLK	99.8861

Number of Facilities Selected: 1

You entered the following criteria:
Airs ID = 1050233
Pollutant = SAM
Year = 2002
Order By = Owner/Company Name, Facility ID

Report Run Date: 6/1/2004

Air Resource Information

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Emission Report by Facility

Data for this Report is One Day Old Production Data.

Facility ID: 1050233 **Number of Emission Units:** 9
Owner/Company Name: TAMPA ELECTRIC COMPANY
Site Name: POLK POWER STATION
City: MULBERRY **Office:** SWD **County:** POLK
Status: ACTIVE **Compliance Tracking Code:** A **SIC:** 4911
Type: OTHER ELECTRIC PRODUCTION
PSD: Y **PPS:** Y **NSPS:** Y **NESHAP:** N
Title V Source: Y **Syn Non-Title V Source:**
Major of HAPS: N **Major of Non-HAP Pollutants:** Y
Syn Minor of HAPS: **Syn Minor of Non-HAP Pollutants:**

Pollutant	Poten(TPY)	Cap(TPY)	Actual(TPY) 2000	Actual(TPY)
SAM	246.8000		190.9189	16

Report Totals:

Pollutant	Office	County	Actual(TPY) 2000
SAM	SWD	POLK	190.9189

Number of Facilities Selected: 1

You entered the following criteria:
Airs ID = 1050233
Pollutant = SAM
Year = 2000
Order By = Owner/Company Name, Facility ID

Report Run Date: 6/1/2004

Air Resource Information

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Emission Report by Facility

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Facility ID: 1050233 **Number of Emission Units:** 9
Owner/Company Name: TAMPA ELECTRIC COMPANY
Site Name: POLK POWER STATION
City: MULBERRY **Office:** SWD **County:** POLK
Status: ACTIVE **Compliance Tracking Code:** A **SIC:** 4911
Type: OTHER ELECTRIC PRODUCTION
PSD: Y **PPS:** Y **NSPS:** Y **NESHAP:** N
Title V Source: Y **Syn Non-Title V Source:**
Major of HAPS: N **Major of Non-HAP Pollutants:** Y
Syn Minor of HAPS: **Syn Minor of Non-HAP Pollutants:**

Pollutant	Poten(TPY)	Cap(TPY)	Actual(TPY) 1998	Actual(TPY)
SAM	246.8000		142.0000	11

Report Totals:

Pollutant	Office	County	Actual(TPY) 1998
SAM	SWD	POLK	142.0000

Number of Facilities Selected: 1

You entered the following criteria:
Airs ID = 1050233
Pollutant = SAM
Year = 1998
Order By = Owner/Company Name, Facility ID

Report Run Date: 6/1/2004

Air Resource Information

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Compliance Test Report (Completed)

Data for this Report is One Day Old Production Data.

Facility ID: **1050233** Site Name: **Polk Power Station** Status: **A**

Emission Unit	St	Permit	SType	Audit Type	Poll/VE	Test Dt	Next Test Dt	Result
001 - 260 Mw Combined Cycle Ct (Phase II Acid Rain Unit)	A	1050233007AC	M1	3	CO	02/21/04	09/30/05	P
		1050233007AC	M1	3	CO	02/05/04	09/30/05	P
		1050233007AC	M1	3	CO	09/07/03	09/30/04	P
		1050233007AC	M1	3	CO	05/01/03	09/30/04	P
		1050233007AC	M1	3	CO	05/29/02	09/30/03	P
		1050233007AC	M1	3	CO	03/04/02	09/30/03	P
		1050233007AC	M1	3	CO	08/29/01	06/01/02	P
		1050233007AC	M1	3	CO	07/18/01	06/01/02	P
		1050233007AC	M1	3	CO	06/14/00	06/01/01	P
		1050233007AC	M1	3	CO	06/14/00	06/01/01	P
		1050233007AC	M1	3	CO	12/17/99	06/01/00	P
		1050233007AC	M1	3	CO	06/23/99	06/01/00	P
		1050233007AC	M1	3	NOX	02/21/04	09/30/05	P
		1050233007AC	M1	3	NOX	02/05/04	09/30/05	P
		1050233007AC	M1	3	NOX	09/07/03	09/30/04	P
		1050233007AC	M1	3	NOX	05/01/03	09/30/04	P
		1050233007AC	M1	3	NOX	05/29/02	09/30/03	P
		1050233007AC	M1	3	NOX	03/04/02	09/30/03	P
		1050233007AC	M1	3	NOX	12/19/01		P
		1050233007AC	M1	3	NOX	08/29/01	09/30/02	P
		1050233007AC	M1	3	NOX	07/18/01	04/01/02	P
		1050233007AC	M1	3	NOX	07/18/01	09/30/02	P
		1050233007AC	M1	3	NOX	10/17/00	06/01/01	P
		1050233007AC	M1	3	NOX	08/15/00	04/01/02	P
		1050233007AC	M1	3	NOX	06/14/00	04/01/02	P
		1050233007AC	M1	3	NOX	06/14/00	04/01/02	P
		1050233007AC	M1	3	NOX	06/14/00	06/01/01	P
		1050233007AC	M1	3	NOX	06/14/00	06/01/01	P
		1050233007AC	M1	3	NOX	04/17/00	04/01/02	P
		1050233007AC	M1	3	NOX	12/17/99	06/01/00	P
		1050233007AC	M1	3	NOX	06/23/99	04/01/02	P
		1050233007AC	M1	3	PM	02/21/04	06/01/09	P

		1050233007AC	M1	3	PM	06/30/02	06/01/09	P
		1050233007AC	M1	3	PM	08/29/01	06/01/09	P
		1050233007AC	M1	3	PM	12/17/99	06/01/09	P
		1050233007AC	M1	3	SAM	05/20/03		P
		1050233007AC	M1	3	SAM	04/23/02		P
		1050233007AC	M1	3	SAM	12/19/01		P
		1050233007AC	M1	3	SAM	12/19/01		P
		1050233007AC	M1	3	SAM	04/26/00		P
		1050233007AC	M1	3	SAM	02/15/00		P
		1050233007AC	M1	3	SAM	02/08/00		P
		1050233007AC	M1	3	SAM	02/07/00		P
		1050233007AC	M1	3	SO2	02/21/04		P
		1050233007AC	M1	3	SO2	02/05/04		P
		1050233007AC	M1	3	SO2	09/07/03		P
		1050233007AC	M1	3	SO2	05/01/03		P
		1050233007AC	M1	3	SO2	05/29/02		P
		1050233007AC	M1	3	SO2	03/04/02		P
		1050233007AC	M1	3	SO2	12/19/01		P
		1050233007AC	M1	N/A	VE10	05/01/03	09/30/04	P
		1050233007AC	M1	N/A	VE10	03/04/02	09/30/03	P
		1050233007AC	M1	N/A	VE10	07/18/01	06/01/02	P
		1050233007AC	M1	N/A	VE10	06/14/00	06/01/01	P
		1050233007AC	M1	N/A	VE20	02/21/04	09/30/05	P
		1050233007AC	M1	N/A	VE20	09/07/03	09/30/04	P
		1050233007AC	M1	N/A	VE20	05/29/02	09/30/03	P
		1050233007AC	M1	N/A	VE20	08/29/01	06/01/02	P
		1050233007AC	M1	N/A	VE20	12/12/99	06/01/00	P
		1050233007AC	M1	N/A	VE20	06/23/99	06/01/00	P
		1050233007AC	M1	3	VOC	05/01/03	06/01/09	P
		1050233007AC	M1	3	VOC	05/29/02	06/01/09	P
		1050233007AC	M1	3	VOC	03/04/02	06/01/09	P
		1050233007AC	M1	3	VOC	08/29/01	06/01/09	P
		1050233007AC	M1	3	VOC	07/18/01	06/01/09	P
		1050233007AC	M1	3	VOC	06/14/00	06/01/09	P
		1050233007AC	M1	3	VOC	12/17/99	06/01/09	P
		1050233007AC	M1	3	VOC	06/23/99	06/01/09	P
003 - 120 Mmbtu/Hr Auxiliary Boiler	A	1050233009AV	02	3	NOX	03/11/03	06/01/09	P
		1050233009AV	02	3	NOX	07/31/02	06/01/09	P
		1050233009AV	02	3	NOX	09/21/01	06/01/09	P
		1050233009AV	02	3	NOX	07/26/00	06/01/09	P
		1050233009AV	02	3	NOX	08/18/99	06/01/04	P
		1050233009AV	02	3	SO2	03/11/03		P

		1050233009AV	02	N/A	VE20	03/11/03		P
		1050233009AV	02	N/A	VE20	07/31/02		P
		1050233009AV	02	N/A	VE20	09/21/01	06/01/02	P
		1050233009AV	02	N/A	VE20	07/26/00	06/01/01	P
		1050233009AV	02	N/A	VE20	08/18/99	06/01/00	P
004 - Sulfuric Acid Plant	A	1050233009AV	02	3	SAM	02/12/04	06/01/09	P
		1050233009AV	02	3	SAM	05/15/03	06/01/09	P
		1050233009AV	02	3	SO2	02/12/04	06/01/06	P
		1050233009AV	02	3	SO2	05/15/03	06/01/06	P
		1050233009AV	02	3	SO2	08/23/02	06/01/06	P
		1050233009AV	02	N/A	VE10	05/15/03	09/30/04	P
		1050233009AV	02	N/A	VE10	08/23/02	06/01/03	P
		1050233009AV	02	N/A	VE10	07/24/02	06/01/03	P
005 - Solid Fuel Handling System	A	1050233009AV	02	N/A	VE05	02/13/03	09/30/04	P
		1050233009AV	02	N/A	VE05	02/12/03	06/01/03	P
		1050233009AV	02	N/A	VE05	07/24/02	06/01/03	P
		1050233009AV	02	N/A	VE05	09/21/01	06/01/02	P
009 - 165mw Simple Cycle Combustion Turbine	A	1050233005AC	M1	3	CO	06/18/03	09/30/04	P
		1050233005AC	M1	3	CO	02/12/03	09/30/04	P
		1050233005AC	M1	3	CO	01/31/02	09/30/03	P
		1050233005AC	M1	3	CO	01/30/02	09/30/03	P
		1050233005AC	M1	3	CO	09/06/01	06/12/03	P
		1050233005AC	M1	3	CO	09/05/01	06/12/03	P
		1050233005AC	M1	3	CO	10/07/00	06/12/03	P
		1050233005AC	M1	3	CO	09/15/00	06/12/03	P
		1050233005AC	M1	3	NOX	06/18/03	09/30/04	P
		1050233005AC	M1	3	NOX	02/12/03	09/30/04	P
		1050233005AC	M1	3	NOX	01/31/02	09/30/03	P
		1050233005AC	M1	3	NOX	01/30/02	09/30/03	P
		1050233005AC	M1	3	NOX	09/06/01	06/12/03	P
		1050233005AC	M1	3	NOX	09/05/01	06/12/03	P
		1050233005AC	M1	3	NOX	10/07/00	06/12/03	P
		1050233005AC	M1	3	NOX	09/15/00		N
		1050233005AC	M1	3	SO2	06/18/03		P
		1050233005AC	M1	3	SO2	02/12/03		P
		1050233005AC	M1	3	SO2	09/15/00		P
		1050233005AC	M1	N/A	VE10	06/18/03	09/30/04	P
		1050233005AC	M1	N/A	VE10	02/12/03	02/12/04	P
		1050233005AC	M1	N/A	VE10	01/31/02		P
		1050233005AC	M1	N/A	VE10	09/21/01	09/30/02	P
		1050233005AC	M1	N/A	VE10	09/06/01		P

		1050233005AC	M1	N/A	VE10	09/05/01		P
		1050233005AC	M1	N/A	VE10	10/07/00		P
		1050233005AC	M1	N/A	VE10	09/15/00		P
		1050233005AC	M1	3	VOC	10/07/00		P
		1050233005AC	M1	3	VOC	09/15/00		P
010 - 165mw Simple Cycle Combustion Turbine	A	1050233005AC	M1	3	CO	06/25/03	09/30/04	P
		1050233005AC	M1	3	CO	06/24/03	09/30/04	P
		1050233005AC	M1	3	CO	05/09/02	09/30/03	P
		1050233005AC	M1	3	CO	05/08/02	09/30/03	P
		1050233005AC	M1	3	CO	05/07/02	09/30/03	P
		1050233005AC	M1	3	CO	05/07/02	09/30/03	P
		1050233005AC	M1	3	NOX	06/25/03	06/12/04	P
		1050233005AC	M1	3	NOX	06/24/03	06/12/04	P
		1050233005AC	M1	3	NOX	05/09/02	09/30/03	P
		1050233005AC	M1	3	NOX	05/08/02	06/12/03	P
		1050233005AC	M1	3	NOX	05/07/02	09/30/03	P
		1050233005AC	M1	3	NOX	05/07/02	06/12/03	P
		1050233005AC	M1	3	SO2	06/25/03		P
		1050233005AC	M1	3	SO2	06/24/03		P
		1050233005AC	M1	3	SO2	05/08/02		P
		1050233005AC	M1	3	SO2	05/07/02		P
		1050233005AC	M1	N/A	VE10	06/25/03		P
		1050233005AC	M1	N/A	VE10	06/24/03		P
		1050233005AC	M1	N/A	VE10	05/09/02		P
		1050233005AC	M1	N/A	VE10	05/07/02		P
		1050233005AC	M1	N/A	VE10	05/07/02	05/07/03	P
		1050233005AC	M1	3	VOC	05/09/02		P
		1050233005AC	M1	3	VOC	05/08/02		P
		1050233005AC	M1	3	VOC	05/07/02		P
		1050233005AC	M1	3	VOC	05/07/02		P

Number of Pollutant Tests of Audit Type 1: 0
Number of Pollutant Tests of Audit Type 2: 0
Number of Pollutant Tests of Audit Type 3: 110

Number of VE Tests: 35

Records having a Long-term Reserve Shutdown Date

No data found.

You entered the following criteria:
Report Type = COMPLETED
Test Type = POLLTEST and VETEST
Facility ID = 1050233
Sort Order = Facility Name
Begin Date = 1/1/1999

End Date = 6/1/2004

Report Run Date: 6/1/2004
Elapsed Time = 4 seconds

62-297.310 (7)(a) 4. b.

(f) Electrical Power.

1. A minimum of two 120-volt AC, 20-amp outlets shall be provided at the sampling platform within 20 feet of each sampling port.

2. If extension cords are used to provide the electrical power, they shall be kept on the plant's property and be available immediately upon request by sampling personnel.

(g) Sampling Equipment Support.

1. A three-quarter inch eyebolt and an angle bracket shall be attached directly above each port on vertical stacks and above each row of sampling ports on the sides of horizontal ducts.

a. The bracket shall be a standard 3 inch × 3 inch × one-quarter inch equal-legs bracket which is 1 and one-half inches wide. A hole that is one-half inch in diameter shall be drilled through the exact center of the horizontal portion of the bracket. The horizontal portion of the bracket shall be located 14 inches above the centerline of the sampling port.

b. A three-eighth inch bolt which protrudes 2 inches from the stack may be substituted for the required bracket. The bolt shall be located 15 and one-half inches above the centerline of the sampling port.

c. The three-quarter inch eyebolt shall be capable of supporting a 500 pound working load. For stacks that are less than 12 feet in diameter, the eyebolt shall be located 48 inches above the horizontal portion of the angle bracket. For stacks that are greater than or equal to 12 feet in diameter, the eyebolt shall be located 60 inches above the horizontal portion of the angle bracket. If the eyebolt is more than 120 inches above the platform, a length of chain shall be attached to it to bring the free end of the chain to within safe reach from the platform.

2. A complete monorail or dualrail arrangement may be substituted for the eyebolt and bracket.

3. When the sample ports are located in the top of a horizontal duct, a frame shall be provided above the port to allow the sample probe to be secured during the test.

(7) Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

1. The owner or operator of a new or modified emissions unit that is subject to an emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining an operation permit for such emissions unit.

2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid and/or solid fuel for more than 400 hours other than during startup.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to sub-subparagraph 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

a. Did not operate; or

b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours,

4. During each federal fiscal year (October 1 – September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

a. Visible emissions, if there is an applicable standard;

b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and

c. Each NESHAP pollutant, if there is an applicable emission standard.

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.

6. For fossil fuel steam generators on a semi-annual particulate matter emission compliance testing schedule, a compliance test shall not be required for any six-month period in which liquid and/or solid fuel is not burned for more than 200 hours other than during startup.

7. For emissions units electing to conduct particulate matter emission compliance testing quarterly pursuant to paragraph 62-296.405(2)(a), F.A.C., a compliance test shall not be required for any quarter in which liquid and/or solid fuel is not burned for more than 100 hours other than during startup.

8. Any combustion turbine that does not operate for more than 400 hours per year shall conduct a visible emissions compliance test once per each five-year period, coinciding with the term of its air operation permit.

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

(a) Visible emissions – ten percent opacity.

(b) Sulfur Dioxide – four pounds per ton of 100 percent acid produced.

(c) Acid Mist – 0.15 pounds per ton of 100 percent acid produced.

(3) Test Methods and Procedures. All emissions tests performed pursuant to the requirements of this rule shall comply with the following requirements.

(a) The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.

(b) The test method for acid mist/sulfur dioxide shall be EPA Method 8, incorporated and adopted by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 40 dry standard cubic feet.

(c) Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.

(4) Continuous Emissions Monitoring Requirements. Each owner or operator of a sulfuric acid plant shall install, calibrate, operate and maintain a continuous monitoring system for continuously monitoring the pollutants specified in this subsection. Performance specifications, location of monitor, data requirements, data reduction and reporting requirements, shall conform with the requirements of 40 C.F.R. Part 51, Appendix P, adopted and incorporated by reference in Rule 62-204.800(2), F.A.C.; and 40 C.F.R. Part 60, Appendix B, adopted by reference in Rule 62-204.800(7), F.A.C., for existing and new emissions units provided, however, any alternative procedure (as specified in s. 3.9, 40 C.F.R. Part 51, Appendix P) or special consideration (as specified in s. 6.0, 40 C.F.R. Part 51, Appendix P) shall be incorporated in the Department's air permit for the emissions unit and submitted to the U.S. Environmental Protection Agency as a proposed revision to the State Implementation Plan.

(a) Facilities greater than 300 tons per day production capacity, expressed as 100% acid, shall install continuous monitoring systems for the measurement of sulfur dioxide emissions for each sulfuric acid emission source.

(b) Where two or more emissions units emit through a common stack, continuous monitoring systems, if required, shall be installed on each emissions unit prior to combination of the emission.

(5) Quarterly Reporting Requirements. The owners or operators of facilities for which monitoring is required shall submit to the Department a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.402, F.A.C., for each calendar quarter. The nature and cause of the excessive emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of two years.

Specific Authority 403.061 FS. Law Implemented 403.021, 403.031, 403.061, 403.087 FS. History–Formerly 17-2.600(2), 17-296.402, Amended 11-23-94, 1-1-96, 3-13-96.

62-296.403 Phosphate Processing.

Fluorides (water soluble or gaseous atomic weight 19) expressed as pounds of fluoride per ton of phosphate materials input to the system expressed as tons of P_2O_5.

(1) New Plants or Plant Sections.

(a) Wet process phosphoric acid production and auxiliary equipment – 0.02 pounds.

(b) Run-of-pile triple super phosphate (TSP) mixing belt and den and auxiliary equipment – 0.05 pounds.

(c) Run-of-pile TSP curing or storage process and auxiliary equipment – 0.12 pounds.

(d) Granular triple super phosphate (GTSP) production and auxiliary equipment.

1. GTSP made by granulating run-of-pile TSP – 0.06 pounds.

2. GTSP made from phosphoric acid and phosphate rock slurry – 0.15 pounds.

(e) GTSP storage and auxiliary equipment – 0.05 pounds.

(f) Diammonium phosphate production and auxiliary equipment – 0.06 pounds.

(g) Calcining or other thermal phosphate rock processing and auxiliary equipment excepting phosphate rock drying and defluorinating – 0.05 pounds.

(h) Defluorinating phosphate rock by thermal processing and auxiliary equipment – 0.37 pounds.

(i) All plants, plant sections or unit operations and auxiliary equipment not listed in paragraphs (a) through (h) above must use the best available control technology.

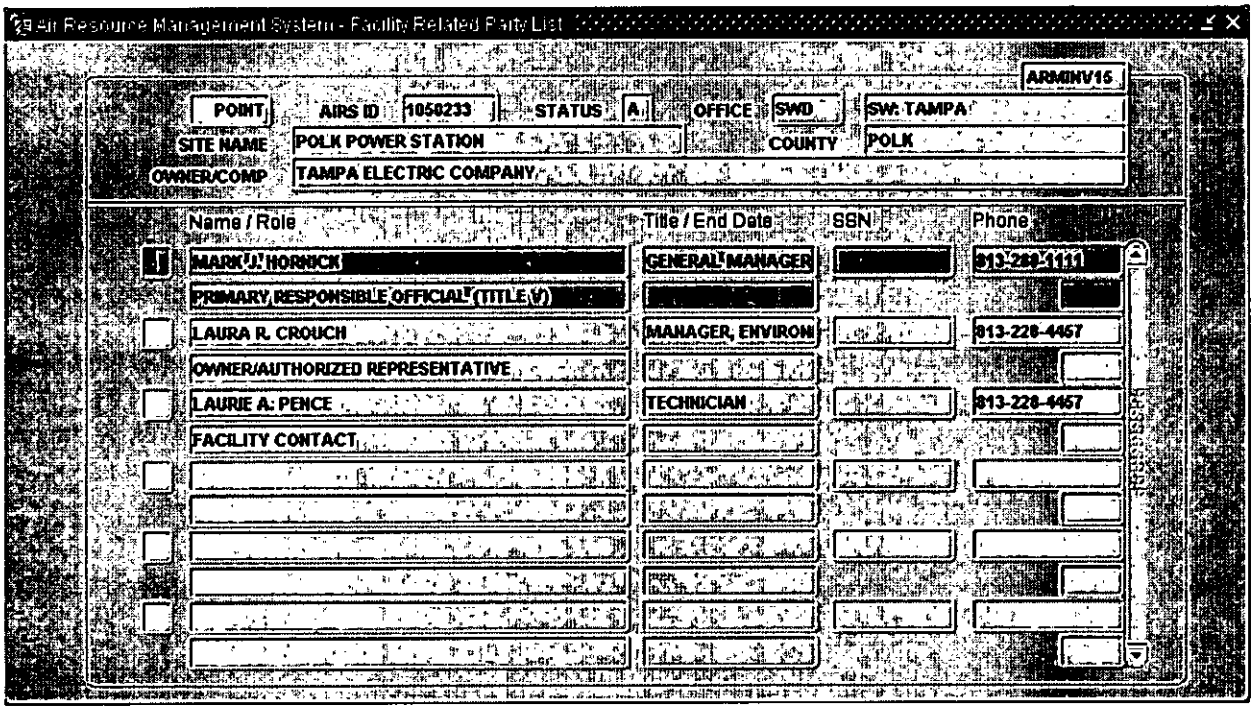
(2) Existing plants or plant sections shall comply with Rule 62-296.403(1), F.A.C., no later than July 1, 1975; or existing plant complexes with an operating wet process phosphoric acid section (including any items in Rule 62-296.403(1)(a) through (f), F.A.C.) and other plant sections processing or handling phosphoric acid or products of phosphoric acid processing, total emissions from the entire complex shall not exceed 0.4 pounds per ton of P_2O_5 input to the wet process phosphoric acid section.

(3) Test Methods and Procedures. All emissions tests performed pursuant to the requirements of this rule shall comply with the following requirements.

(a) The test method for fluoride emissions shall be EPA Method 13A or EPA Method 13B, incorporated and adopted by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 30 dry standard cubic feet.

(b) Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.

Specific Authority 403.061 FS. Law Implemented 403.021, 403.031, 403.061, 403.087 FS. History–Formerly 17-2.600(3), 17-296.403, Amended 11-23-94, 1-1-96, 3-13-96.



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