

**SOUTHSIDE
GENERATING
STATION**

TITLE V

JACKSONVILLE ELECTRIC AUTHORITY

21 WEST CHURCH STREET • JACKSONVILLE, FL 32202-3139



June 14, 1996

Mr. John Brown, P.E.
P.E. Administrator
Title V Section
Mail Station 5505
Florida Dept. of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399

RECEIVED
JUN 14 1996
BUREAU OF
AIR REGULATION

Dear Mr. Brown:

RE: St. Johns River Power Park
Northside Generating Station
Kennedy Generating Station
Southside Generating Station
Title V Permit Applications

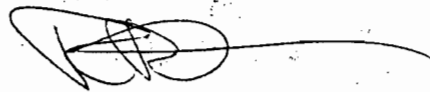
Attached please find the required Title V permit applications for the above referenced power plants. Please note that the St. Johns River Power Park (SJRPP) and the Northside Generating Station are one facility under the Title V definition of "facility" (even though in the traditional sense they are two separate plants) and therefore the parts of the application that apply to the facility as a whole appear in the ring binder for SJRPP only. The unit-specific parts of the application were kept separate to minimize any potential confusion between the two plants.

All of the above plants will be disposing of non-hazardous boiler chemical cleaning waste in accordance with the recently issued DARM guidance document, "Disposal of Non-Hazardous Boiler Chemical Cleaning Waste by Incineration and Evaporation". If this needs to be reflected in our Title V permit in any fashion, please include the proper language required in the permit or advise us of any additional information needed to permit this activity.

Mr. John Brown
June 14, 1996
Page Two

If you have any questions with regard to this matter, please contact Bert Gianazza of my staff at (904) 632-6247.

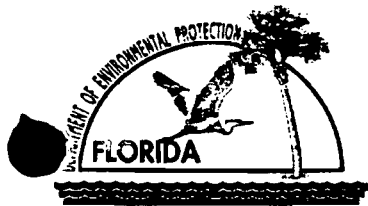
Sincerely,

A handwritten signature in black ink, appearing to read 'RB', with a long horizontal flourish extending to the right.

Richard Breitmoser, P.E.
Vice-President
Environmental Health &
Safety Group

RB/NBG

TITLEVAP



Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: Walter P. Bussells, Jacksonville Electric Authority	
2. Site Name: Southside Generating Station	
3. Facility Identification Number: [X] Unknown	
4. Facility Location: Street Address or Other Locator: 801 Colorado Ave. City: Jacksonville County: Duval Zip Code: 32207	
5. Relocatable Facility? [] Yes [X] No	6. Existing Permitted Facility? [X] Yes [] No

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	6/14/96
2. Permit Number:	0310046 - 001 - AV
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:

Walter P. Bussells, Managing Director

2. Owner/Authorized Representative or Responsible Official Mailing Address:

Organization/Firm: Jacksonville Electric Authority

Street Address: 21 West Church Street

City: Jacksonville State: FL

Zip Code: 32202

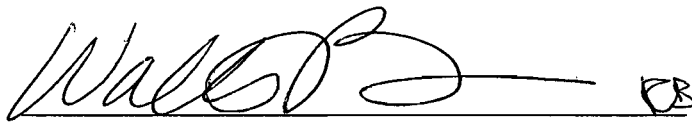
3. Owner/Authorized Representative or Responsible Official Telephone Numbers:


Telephone: (904) 632 - 7220

Fax: (904) 632 - 7366

4. Owner/Authorized Representative or Responsible Official Statement:

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.*


Signature

 6/6/96
Date

* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit	Permit Type
unknown	Southside Unit #4	AF2A
unknown	Southside Unit #5	AF2A
unknown	Auxiliary Boiler 1	AF2A
unknown	Tank Farm fuel oil storage	N/A
	Facility:	
unknown	Fugitive VOC from Pantry	N/A
unknown	Fugitive PM	N/A

Purpose of Application and Category

Check one (except as otherwise indicated):

Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: _____

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit to be revised: _____

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: _____

- Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: _____

Reason for revision: _____

Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s): _____

- Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

- Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit to be revised: _____

Reason for revision: _____

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units

This Application for Air Permit is submitted to obtain:

- Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: _____

- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): _____

- Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one:

Attached - Amount: \$ _____

Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations: N/A
2. Projected or Actual Date of Commencement of Construction: N/A
3. Projected Date of Completion of Construction: N/A

Professional Engineer Certification

1. Professional Engineer Name: Richard Breitmoser Registration Number: 17020
2. Professional Engineer Mailing Address: Organization/Firm: Jacksonville Electric Authority Street Address: 21 West Church Street City: Jacksonville State: FL Zip Code: 32202
3. Professional Engineer Telephone Numbers: Telephone: (904) 632 - 6245 Fax: (904) 632 - 7376

4. Professional Engineer Statement:

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

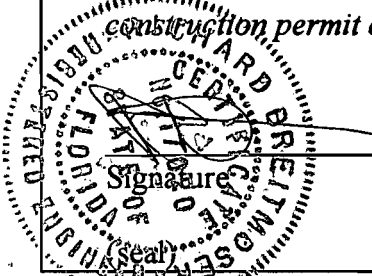
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions 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 [] 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 emissions 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.



6/6/96
Date

* Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact:	Bert Gianazza Professional Engineer
2. Application Contact Mailing Address:	Organization/Firm: Jacksonville Electric Authority Street Address: 21 West Church Street City: Jacksonville State: FL Zip Code: 32202
3. Application Contact Telephone Numbers:	Telephone: (904) 632 - 6247 Fax: (904) 632 - 7376 Beeper: (904) 818-6247

Application Comment

Facility Regulatory Classifications

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
2. Title V Source? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Synthetic Non-Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Synthetic Minor Source of Pollutants Other than HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7. Synthetic Minor Source of HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. One or More Emissions Units Subject to NSPS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. One or More Emission Units Subject to NESHAP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10. Title V Source by EPA Designation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
11. Facility Regulatory Classifications Comment (limit to 200 characters):

B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

N/A

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

See attached rule summary	

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant.. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Part 60 - EPA Regulations on Standards of Performance for New Stationary Sources						
Subpart A — General Provisions						
60.7	Notification and record keeping.			X		Unit
60.8	Performance tests.			X		Unit
60.11	Compliance with standards and maintenance requirements.			X		Unit
60.12	Circumvention.			X		Unit
60.13	Monitoring requirements.			X		Unit
60.19	General notifications and reporting requirements.			X		Unit
Subpart D — Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971						
60.42	Standard for particulate matter.			X		Unit
60.43	Standard for sulfur dioxide.			X		Unit
60.44	Standard for nitrogen oxides.			X		Unit
60.45	Emission and fuel monitoring.			X		Unit
60.46	Test methods and procedures.			X		Unit
Subpart Da — Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978						
60.42a	Standard for particulate matter.			X		Unit
60.43a	Standard for sulfur dioxide.			X		Unit
60.44a	Standard for nitrogen oxides.			X		Unit
60.45a	Commercial demonstration permit.			X		Unit
60.46a	Compliance provisions.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.47a	Emission monitoring.			X		Unit
60.48a	Compliance determination procedures and methods.			X		Unit
60.49a	Reporting requirements.			X		Unit
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.			X		Unit
60.43b	Standard for particulate matter.			X		Unit
60.44b	Standard for nitrogen oxides.			X		Unit
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.			X		Unit
60.47b	Emission monitoring for sulfur dioxide.			X		Unit
60.48b	Emission monitoring for particulate matter and nitrogen oxides.			X		Unit
60.49b	Reporting and recordkeeping.			X		Unit
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
N60.42c	Standard for sulfur dioxide.			X		Unit
60.43c	Standard for particulate matter.			X		Unit
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.45c	Compliance and performance test methods and procedures for particulate matter.			X		Unit
60.46c	Emission monitoring for sulfur dioxide.			X		Unit
60.47c	Emission monitoring for particulate matter.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.48c	Reporting and recordkeeping.			X		Unit
Subpart K — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978						
60.112	Standard for volatile organic compounds (VOC).			X		Unit
60.113	Monitoring of operations.			X		Unit
Subpart Ka — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984						
60.112a	Standard for volatile organic compounds (VOC).			X		Unit
60.113a	Testing and procedures.			X		Unit
60.114a	Alternative means of emission limitations.			X		Unit
60.115a	Monitoring of operations.			X		Unit
Subpart Kb — Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984						
60.112b	Standard for volatile organic compounds (VOC).			X		Unit
60.113b	Testing and procedures.			X		Unit
60.114b	Alternative means of emission limitations.			X		Unit
60.115b	Recordkeeping and reporting requirements.			X		Unit
60.116b	Monitoring of operations.			X		Unit
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.			X		Unit
60.253	Monitoring of operations.			X		Unit
60.254	Test methods and procedures.			X		Unit
Subpart GG — Standards of Performance for Stationary Gas Turbines						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.332	Standard for nitrogen oxides.			X		Unit
60.333	Standard for sulfur dioxide.			X		Unit
60.334	Monitoring of operations.			X		Unit
60.335	Test methods and procedures.			X		Unit
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.			X		Unit
60.674	Monitoring of Operations.			X		Unit
60.676	Reporting and Recordkeeping.			X		Unit
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A — General Provisions						
61.05	Prohibited Activities.			X		
61.09	Notification of Startup.			X		
61.10	Source Reporting and Request for Waiver of Compliance.			X		
61.11	Waiver of Compliance.			X		
61.12	Compliance with Standards and Maintenance Requirements.			X		
61.13	Emission Tests and Waiver of Emission Tests.			X		
61.14	Monitoring Requirements.			X		
61.19	Circumvention.			X		
Subpart M — National Emission Standards for Asbestos			X			Facility
Appendix C to Part 61 — Quality Assurance Procedures			X			Facility
Part 63 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories						
Subpart A — General Provisions						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
63.4	Prohibited Activities and Circumvention.			X		Unit
63.6	Compliance with Standards and Maintenance Requirements.			X		Unit
63.7	Performance Testing Requirements.			X		Unit
63.8	Monitoring Requirements.			X		Unit
63.9	Notification Requirements.			X		Unit
63.10	Reporting and Recordkeeping Requirements.			X		Unit
63.11	Control Device Requirements.			X		Unit
Subpart Q -- National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.			X		Unit
63.403	Compliance Dates.			X		Unit
63.404	Compliance Demonstrations.			X		Unit
63.405	Notification Requirements.			X		Unit
63.406	Recordkeeping and Reporting Requirements.			X		Unit
Subpart T -- National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.			X		Unit
63.463	Batch Vapor and In-Line Cleaning Machine Standards.			X		Unit
63.464	Alternative Standards.			X		Unit
63.465	Test Methods.			X		Unit
63.466	Monitoring Procedures.			X		Unit
63.467	Recordkeeping Requirements.			X		Unit
63.468	Reporting Requirements.			X		Unit
Part 72 - EPA Acid Rain Program Permits						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart A — General Provisions						
72.7	New Units Exemption.			X		Unit
72.8	Retired Units Exemption.			X		Unit
72.9	Standard Requirements.			X		Unit
Subpart B — Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative			X		Unit
72.21	Submissions.			X		Unit
72.22	Alternate Designated Representative.			X		Unit
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.			X		Unit
Subpart C — Acid Rain Applications						
72.30	Requirements to Apply.			X		Unit
72.32	Permit Applications Shield and Binding Effect of Permit Application.			X		Unit
72.33	Identification of Dispatch System.			X		Unit
Subpart D — Acid Rain Compliance Plan and Compliance Options						
72.40	General.			X		Unit
72.41	Phase I Substitution Plans.			X		Unit
72.42	Phase I Extension Plans.			X		Unit
72.43	Phase I Reduced Utilization Plans.			X		Unit
72.44	Phase II Repowering Extensions.			X		Unit
Subpart E — Acid Rain Permit Contents						
72.51	Permit Shield.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart I - Compliance Certification						
72.90	Annual Compliance Certification Report.			X		Unit
72.91	Phase I Unit Adjusted Utilization.			X		Unit
72.92	Phase I Unit Allowance Surrender.			X		Unit
72.93	Units with Phase I Extension Plans.			X		Unit
72.94	Units with Repowering Extension Plans.			X		Unit
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.35	Compliance.			X		Unit
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.			X		Unit
75.5	Prohibitions.			X		Unit
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.			X		Unit
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).			X		Unit
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).			X		Unit
75.13	Specific Provisions for Monitoring CO ₂ Emissions.			X		Unit
75.14	Specific Provisions for Monitoring Opacity.			X		Unit
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.16	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for SO ₂ Emissions and Heat Input Determinations.			X		Unit
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.			X		Unit
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.			X		Unit
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.			X		Unit
75.21	Quality Assurance and Quality Control Requirements.			X		Unit
75.22	Reference Test Methods.			X		Unit
75.24	Out-of-Control Periods.			X		Unit
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.			X		Unit
75.31	Initial Missing Data Procedures.			X		Unit
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.			X		Unit
75.33	Standard Missing Data Procedures.			X		Unit
75.34	Units with Add-On Emission Controls.			X		Unit
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.			X		Unit
75.41	Precision Criteria.			X		Unit
75.42	Reliability Criteria.			X		Unit
75.43	Accessibility Criteria.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.44	Timeliness Criteria.			X		Unit
75.45	Daily Quality Assurance Criteria.			X		Unit
75.46	Missing Data Substitution Criteria.			X		Unit
75.47	Criteria for a Class of Affected Units.			X		Unit
75.48	Petition for an Alternative Monitoring System.			X		Unit
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.			X		Unit
75.51	General Recordkeeping Provisions for Specific Situations.			X		Unit
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.			X		Unit
75.53	Monitoring Plan.			X		Unit
Subpart G — Reporting Requirements						
75.60	General Provisions.			X		Unit
75.61	Notification of Certification and Recertification Test Dates.			X		Unit
75.62	Monitoring Plan.			X		Unit
75.63	Certification or Recertification Applications.			X		Unit
75.64	Quarterly Reports.			X		Unit
75.65	Opacity Reports.			X		Unit
Appendix A to Part 75 — Specifications and Test Procedures						
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures						
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units				X		Unit
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units				X		Unit
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.			X		Unit
76.8	Early Election for Group I, Phase II Boilers.			X		Unit
76.9	Permit Applications and Compliance Plans.			X		Unit
76.10	Alternative Emission Limitations.			X		Unit
76.11	Emissions Averaging.			X		Unit
76.12	Phase I NO _x Compliance Extensions.			X		Unit
76.14	Monitoring, Recordkeeping, and Reporting.			X		Unit
76.15	Test Methods and Procedures.			X		Unit
EPA Part 82 - Protection Of Stratospheric Ozone						
Subpart B - Servicing of Motor Vehicle Air Conditioners		NOTE: REGULATED BY STATE				
82.34	Prohibitions.			X		Facility
82.36	Approved refrigerant recycling equipment.			X		Facility
82.38	Approved independent standards testing organizations.			X		Facility
82.40	Technician training and certification.			X		Facility
82.42	Certification, recordkeeping and public notification requirements.			X		Facility
Subpart F - Recycling and Emissions Reduction						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
82.154	Prohibitions.		X			Facility
82.156	Required practice.		X			Facility
82.158	Standards for recycling and recovery equipment.		X			Facility
82.160	Approved equipment testing organizations.		X			Facility
82.161	Technician certification.		X			Facility
82.162	Certification by owners of recovery and recycling equipment.		X			Facility
82.164	Reclaimer certification.		X			Facility
82.166(k)	Reporting and recordkeeping requirements for owners/operators.		X			Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Chapter 62-4 Permits						
62-4.030	General Prohibition.		X		State Only	Facility
62-4.100	Suspension and Revocation.		X		State Only	Facility
62-4.130	Plant Operation - Problems.		X		State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800	Standards of Performance for New Stationary Sources (NSPS) (see 40 CFR 60 list for subsections).					
	(7) Standards Adopted.			X	State only.	Unit
	(b) The following Standards of Performance for New Stationary Sources contained in 40 CFR 60, revised as of July 1, 1994, or later as specifically indicated.			X	State only.	Unit
	1. 40 CFR 60.40 Subpart D, Fossil-fuel-fired Steam Generators for which Construction is Commenced after August 17, 1971.			X	State only.	Unit
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.			X	State only.	Unit
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	12. 40 CFR 60.110 Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.			X	State only.	Unit
	13. 40 CFR 60.110a Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800	14. 40 CFR 60.110b Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.			X	State only.	Unit
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.			X	State only.	Unit
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.			X	State only.	Unit
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.			X	State only.	Unit
62-204.800(7)	(c) The Standards of Performance for New Stationary Sources adopted by reference in this section shall be controlling over other standards in this chapter except that any emissions limiting standard contained in or determined pursuant to this chapter which is more stringent than one contained in a Standard of Performance, or which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.			X	State only.	Unit
	(7)(d) General Provisions Adopted.			X	State only.	Unit
	(7)(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 1994 or later as specifically indicated, are adopted and incorporated by reference.			X	State only.	Unit
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.			X	State only.	Unit
	2. 40 CFR 60 Appendix B, Performance Specifications.			X	State only.	Unit
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.			X	State only.	Unit
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.			X	State only.	Unit
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPs).					
	(8) Standards Adopted.			X	State only.	Unit
	(b)8. 40 CFR Part 61 Subpart M Asbestos.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800(8)	(d) General Provisions Adopted. The general provisions of 40 CFR Part 61 Subpart A, revised July 1, 1994, are adopted and incorporated by reference except 40 CFR 61.04, 40 CFR 61.08, 40 CFR 61.11, and 40 CFR 61.18.			X	State only.	Unit
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAP) - Part 63					
	(9) Standards Adopted.			X	State only.	Unit
	(b) 40 CFR 63 Subpart Q Chromium Emissions from Industrial Process Cooling Towers*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(a) 40 CFR 63 Subpart T Halogenated Solvent Cleaning*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(d) General Subparts Adopted.			X	State only.	Unit
	1. 40 CFR 63 Subpart A, General Provisions			X	State only.	Unit
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))			X	State only.	Unit
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions			X	State only.	Unit
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule		X		State only.	Facility
62-204.800 (12)	Adoption of 40 CFR 72, Federal Acid Rain Program			X	State only.	Unit
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System			X	State only.	Unit
62-204.800 (14)	Adoption of 40 CFR 75, CEMS			X	State only.	Unit
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement			X	State only.	Unit
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone			X	State only.	Unit
Chapter 62-210 Stationary Sources – General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits.		X			Facility
	(3)(a) Exemptions - #1-29.		X			Facility
	(3)(b) Temporary Exemptions.		X			Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.		X			Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.		X			Facility
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.		X			Facility
62-210.370	Reports.					
	(1) Notification of Intent to Relocate Air Pollutant Emitting Facility.			X		Unit
	(3) Annual Operating Report for Air Pollutant Emitting Facility.		X			Facility
62-210.650	Circumvention.			X		Unit
62-210.700	Excess Emissions.			X		Unit
62-210.900	Forms and Instructions.		X			Facility
	(5) Annual Operating Reports		X			Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						
62-213.205	Annual Emissions Fee.		X			Facility
62-213.400	Permits and Permit Revisions Required.		X			Facility
62-213.410	Changes Without Permit Revision.		X			Facility
62-213.415	Trading of Emissions Within a Source.		X			Unit/Facility
62-213.460	Permit Shield.		X			Facility
Chapter 62-214 Requirements for Sources Subject to the Federal Acid Rain Program						
62-214.300	Applicability.			X		Unit
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .			X		Unit
	(6) A new unit shall no longer be exempted . . .			X		Unit
	(7) A retired unit shall no longer be exempted . . .			X		Unit
62-214.350	Certification.			X		Unit
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.			X		Unit
	(2) Termination.			X		Unit
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.			X		
	(3) Control Technology Requirements.			X		
	(4) Compliance Schedule.			X	State Only	
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(2) Prohibition.			X	State Only	
	(3) Control Technology Requirements.			X	State Only	
	(4) Compliance Schedules.			X	State Only	
	(5) Testing.			X	State Only	
	(6) Recordkeeping.			X	State Only	
	(7) System Maintenance.			X	State Only	
62-252.400	(8) Training.			X	State Only	
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.			X	State Only	
	(3) Leak Testing.			X	State Only	
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.		X		State Only	Facility
62-256.450	Burning for Cold or Frost Protection.		X		State Only	Facility
62-256.500	Land Clearing.		X		State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.		X		State Only	Facility
62-256.700	Open Burning Allowed.		X		State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.		X		State Only	Facility
62-257.400	Fee Schedule.		X		State Only	Facility
62-257.900	Form.		X		State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.		X		State Only	Facility
62-281.400	Compliance Requirements.		X		State Only	Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-281.500	Establishment Certification.					
	(1) Initial Certification.		X		State Only	Facility
	(2) Renewal Certification.		X		State Only	Facility
	(3) Fees.		X		State Only	Facility
	(4) Certificate of Compliance.		X		State Only	Facility
62-281.600	Training Requirements.		X		State Only	Facility
62-281.700	Equipment Certification.		X		State Only	Facility
62-281.900	Forms.		X		State Only	Facility
Chapter 62-296 Stationary Sources – Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.		X			Facility
	(2) Objectionable Odor Prohibited.		X			Facility
	(3) Open Burning.		X		State Only	
	(4)(a) Process Weight Table.			X		Unit
	(4)(b) General Visible Emissions Standard.		X			Facility
	(4)(c) Unconfined Emissions of Particulate Matter.		X			Facility
62-296.405	Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input.					
	(1) Existing Emissions Units.					
	(a) Visible emissions.			X		Unit
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.			X		Unit
	(c) Sulfur Dioxide, as measured by applicable compliance methods.			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	1. Sources burning liquid fuel.			X		Unit
	2. Sources burning solid fuel.			X		Unit
	3. Owners of fossil fuel steam generators shall monitor their emissions and the effects of the emissions on ambient concentrations of sulfur dioxide, in a manner, frequency, and locations approved, and deemed reasonably necessary and ordered by the Department.			X		Unit
	(d) Nitrogen Oxides (expressed as NO _x).			X		Unit
62-296.405	(e) Test Methods and Procedures.			X	Presumably federally enforceable, but cannot be confirmed at this time.	Unit
	(f) Continuous Emissions Monitoring Requirements.			X		Unit
	(g) Quarterly Reporting Requirements.			X		Unit
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a			X		Unit
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a			X		Unit
62-296.406	Fossil Fuel Steam Generators with Less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units.					
	(1) Visible Emissions			X		Unit
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.			X		Unit
	(2) Permit, Recordkeeping, and Compliance Reporting Requirements.			X		Unit
	(a) Permits - Special Considerations.			X		Unit
	(b) Recordkeeping.			X		Unit
62-296.500	(c) Reporting.			X		Unit
	(3) Exceptions.			X		Unit
	(4) Consideration of Exempt Solvents			X		Unit
	(5) Compliance may be demonstrated for surface coating and graphic arts facilities on a 24-hour weighted average basis for a single source point with a single emission limit.			X		Unit
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.			X		Unit
	(2) Cold Cleaning Control Technology.			X		Unit
	(3) Open Top Vapor Degreaser Control Technology.			X		Unit
	(4) Conveyorized Degreaser Control Technology.			X		Unit
	(5) Test Methods and Procedures.			X	* 8-hr test requirement not in SIP.	Unit
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.570	Reasonably Available Control Technology (RACT) - Requirements for Major VOC- and NO _x - Emitting Facilities.					
	(1) Applicability.			X	State Only	Unit
	(2) Compliance Requirements.			X	State Only	Unit
62-296.570	(3) Operation Permit Requirements.			X	State Only	Unit
	(4) RACT Emission Limiting Standards.			X	State Only	Unit
	(a) Compliance Dates and Monitoring.			X	State Only	Unit
	(b) Emission Limiting Standards.			X	State Only	Unit
	(c) Exception for Startup, Shutdown or Malfunction.			X	State Only	Unit
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.			X		Unit
	(2) Exemptions.			X		Unit
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.			X		Unit
	(4) Maximum Allowable Emission Rates.			X		Unit
	(a) Emissions Unit Data.			X		Unit
	(b) Maximum Emission Rates.			X		Unit
	(5) Circumvention.			X		Unit
	(6) Operation and Maintenance Plan.			X		Unit
	(a) Air Pollution Control Devices and Collection Systems.			X		Unit
	(b) Control Equipment Data.			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Processing or Materials Handling Systems.			X		Unit
	(d) Fossil Fuel Steam Generators.			X		Unit
62-296.702	Fossil Fuel Steam Generators.					
	(1) Applicability.			X		Unit
	(2) Emission Limitations.			X		Unit
	(a) Particulate Matter - 0.10 lb/mmBtu			X		Unit
62-296.711	(b) Visible Emissions - 20% opacity.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
	Materials Handling, Sizing, Screening, Crushing and Grinding Operations.					
	(1) Applicability			X		Unit
	(2) Emission Limitations.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
Chapter 62-297 Stationary Sources – Emission Monitoring						
62-297.310	General Test Requirements.			X		Unit
	(1) Required Number of Test Runs			X		Unit
	(2) Operating Rate During Testing			X		Unit
	(3) Calculation of Emission Rate			X		Unit
	(4) Applicable Test Procedures.			X		
	(a) Required Sampling Time.			X		Unit
	1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.			X		Unit
	2. Opacity Compliance Tests.			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(b) Minimum Sample Volume.			X		Unit
	(c) Required Flow Rate Range.			X		Unit
	(d) Calibration.			X		Unit
	(e) EPA Method 5.			X		Unit
	(5) Determination of Process Variables.			X		Unit
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.			X		Unit
	(b) Temporary Test Facilities.			X		Unit
	(c) Test Facilities.			X		Unit
62-297.310	1. Sampling Ports.			X		Unit
	(d) Work Platforms.			X		Unit
	(e) Access.			X		Unit
	(f) Electrical Power.			X		Unit
	(g) Sampling Equipment Support.			X		Unit
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.			X		Unit
	1. Compliance test requirement prior to obtaining operating permit.			X		
	2. Annual test requirement for excess PM emissions.			X		
	3. Annual test requirement prior to obtaining renewal permit.			X		
	4.(a) Annual VE test,			X		
	(b) Annual test for lead, acrylonitrile and other regulated pollutants,			X		

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Annual test for each NESHAP pollutant			X		
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.			X		
	6. Exemption from semi-annual PM test for steam generators.			X		
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.			X		
	8. Five year VE test requirement for units that operate no more than 400 hrs/year.			X		
	9. Fifteen day advance notification requirement prior to test.			X		
	10. Compliance test exemption for exempt units and units utilizing a general permit.			X		
62-297.310	(b) Special Compliance Tests.			X		Unit
	(c) Waiver of Compliance Test Requirement.			X		Unit
	(8) Test Reports.			X		Unit

Additional Applicable Regulations
 Approved Local Program Ordinances and Rules Incorporated
 by Reference in Specific Operating Agreement
 with Florida Department of Environmental Protection

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Broward County Code</p>						
<p>Article IV - Air Pollution</p>						
27-173	(excluding (b)) - General prohibitions			X		Facility
27-174	Exemptions			X		Facility
27-176	(b) Volatile Organic Compounds Emissions or Organic Solvents Emissions			X		
27-177	General particulate matter emission limiting standards			X		Facility
27-179	Specific emission limits and performance standards adopted from F.A.C. 62-296.400 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-180	Reasonably available control technology (RACT) 62-296.500 - Volatile organic compounds and nitrogen oxides (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-182	Standards of Performance for New Stationary Sources (NSPS)62-204.800 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-183	National emission standards for hazardous air pollutants (NESHAP) 62-204.810 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-184	(excluding (b), (c) & (e)) - Licenses required			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
27-187	Emissions estimates			X		Facility
27-188	(excluding (b), (c), (d), (f) & (j))- License fee schedules			X		Facility
27-189	Stationary sources - Emission sampling and monitoring (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
Article IX - Open Burning						
27-283	(excluding (k)) - Prohibitions			X		Facility
27-284	Licenses and approvals required			X		Facility
27-285	Land-clearing open burning			X		Facility
27-286	Industrial, commercial, municipal, and research open burning			X		Facility
27-287	(excluding (d)(l)) - Other open burning allowed			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
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* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Duval County, City of Jacksonville - Title X. Environmental Affairs						
Chapter 360 - Environmental Regulation						
Part I - PUBLIC POLICY; GENERAL PROVISIONS						
360.109	Entry on property		X			Facility
PART III - COMPLIANCE PLANS						
360.301	Compliance plans; compliance agreements		X			Facility
PART V - LIABILITY; PUNITIVE DAMAGES; OTHER PROVISIONS						
360.503	Activities pursuant to attainment plan or compliance plan		X			Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
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* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Jacksonville Environmental Protection Board						
Final Rule with Respect to Organization Procedure and Practice - Rule 1						
Part IX - Board procedures - compliance plans						
1.902	Compliance plan		X			Facility
1.903	Compliance agreements		X			Facility
1.904	Compliance agreements embodying compliance plans		X			Facility
Air Pollution Control - Rule 2						
Part I - General Provisions						
2.104	Registration and Reports		X			Facility
2.105	Maintenance of Pollution Control Devices			X		Unit
2.106	General Restrictions		X			Facility
2.107	Air Pollution Prohibited		X			Facility
Part II - General Requirements						
2.201	Adoption of 62-210, F.A.C. (applies only to the extent that the underlying state rule is applicable)		X			Facility
Part IV - Gasoline Vapor Control						
2.401	Adoption of 62-252, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Unit
2.402	Expanded Stage I Controls in Duval County			X		Unit
Part V - Open Burning and Frost Protection Fires						

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
2.501	Adoption of 62-256, F.A.C. (applies only to the extent that the underlying state rule is applicable)		X			Facility
Part IX - Stationary sources - Emission Standards						
2.901	Stationary Sources - Emission Standards (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
2.902	Asbestos Removal (applies only to the extent that the underlying state rule is an applicable requirement)		X			Facility
Part X - Stationary Sources - Emission Monitoring						
2.1001	Adoption of 62-197, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
Part XI - Air Pollution Nuisance Rules						
2.1101	General Standards for Volatile Organic Compounds			X		Facility
2.1103	C.2., E - Air Pollution Nuisance		X			Facility
Part XII - Permits						
2.1201	Adoption of 62-4, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)		X			Facility
2.1202	Adoption of 62-213 (applies only to the extent that the underlying state rule is an applicable requirement)		X			Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Hillsborough County EPC Rules</p>						
<p>Chapter 1-3 - Air Pollution</p>						
1-3.20	Circumvention Prohibited			X		Unit
1.3.21	(1) Permits Required			X		Facility
1.3.21	(3) Permits Required			X		Facility
1-3.22	Prohibitions			X		Facility
1-3.23	Necessary Precautions			X		Facility
1-3.25	Excess Emission			X		Facility
1-3.32	(2) Air Pollution Episodes			X		Facility
1-3.60	Emission Limiting and Performance Standards			X		Facility/Unit
1-3.61	Particulate Emissions			X		Unit
1-3.62	Visible Emissions			X		Facility
1-3.63 (c & d)	Specific Source Emissions			X		Unit
1-3.70	Source Sampling and Monitoring			X		Facility
<p>Chapter 1-4 - Open Burning</p>						
1-4.04	(excluding 4.) - Prohibitions			X		Facility
1-4.06	(excluding 1. & 4.a.) - Allowed burning (no written EPC authorization required)			X		Facility
1-4.07	Allowable burning (written EPC authorization required)			X		Facility
1-4.08 (5.,6.,7.,8.)	Administrative procedure and conditions for authorizations			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
1-4.09	(excluding 1.b) - Open burning requirements			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Orange County Code						
Chapter 15 - Environment Control						
15-34	Approval of plans, specifications, etc.			X		Facility
15-35	Operating Records			X		Facility
15-39 ^o	Prohibited deposits, discharges			X		Facility
15-89	Air pollution sources; problems			X		Facility
15-90(a)(1)	Adoption of state rules by reference (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Palm Beach County Ordinance 78-5</p>						
Section 2	Adoption by Reference - all DEP rules adopted pursuant to Chapter 403, F.S. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
PM/PM10	A
VOCs from painting	A

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information: Pollutant _____ of _____

1. Pollutant Emitted:	N/A
2. Requested Emissions Cap:	N/A (lb/hour) (tons/year)
3. Basis for Emissions Cap Code:	N/A
4. Facility Pollutant Comment (limit to 400 characters):	

Facility Pollutant Detail Information: Pollutant _____ of _____

1. Pollutant Emitted:	
2. Requested Emissions Cap:	(lb/hour) (tons/year)
3. Basis for Emissions Cap Code:	
4. Facility Pollutant Comment (limit to 400 characters):	

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: #1 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: #2 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: #3 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: #4 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input checked="" type="checkbox"/> Attached, Document ID: #5 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: <input checked="" type="checkbox"/> Attached, Document ID: #6 <input type="checkbox"/> Not Applicable
8. List of Equipment/Activities Regulated under Title VI: <input checked="" type="checkbox"/> Attached, Document ID: #7 <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input type="checkbox"/> Not Applicable
9. Alternative Methods of Operation: <input checked="" type="checkbox"/> Attached, Document ID: #8 <input type="checkbox"/> Not Applicable
10. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

11. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable	
12. Compliance Assurance Monitoring Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable	To be submitted when required
13. Risk Management Plan Verification: <input type="checkbox"/> Plan Submitted to Implementing Agency - Verification Attached, Document ID: _____ <input checked="" type="checkbox"/> Plan to be Submitted to Implementing Agency by Required Date <input type="checkbox"/> Not Applicable	
14. Compliance Report and Plan: <input checked="" type="checkbox"/> Attached, Document ID: #9 _____ <input type="checkbox"/> Not Applicable	
15. Compliance Certification (Hard-copy Required): <input checked="" type="checkbox"/> Attached, Document ID: # 9A _____ <input type="checkbox"/> Not Applicable	

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Southside Generating Station Unit #4		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [X] Yes [] No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): Stack test date Nov. 1		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters): N/A
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	11/15/58		
2. Long-term Reserve Shutdown Date:	N/A		
3. Package Unit:	N/A	Model Number:	N/A
Manufacturer:			
4. Generator Nameplate Rating:	75.0	MW	
5. Incinerator Information:			
	Dwell Temperature:		°F
	Dwell Time:	N/A	seconds
	Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	#6 796	mmBtu/hr
	NATURAL GAS 825	
2. Maximum Incineration Rate:	lb/hr	tons/day
	N/A	
3. Maximum Process or Throughput Rate:	N/A	
4. Maximum Production Rate:	N/A	
5. Operating Capacity Comment (limit to 200 characters):		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
24	hours/day	7	days/week
52	weeks/year	8760	hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

N/A

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

IN ADDITION TO THE ATTACHED RULE SUMMARY BEGINNING ON THE FOLLOWING PAGE	
THE BELOW RULES WILL BE COMPLIED WITH SHOULD THEY BECOME APPLICABLE.	
40 CFR Part 75.35	Missing Data Procedures for CO2
40 CFR Part 75.36	Missing Data Procedures for Heat Input
40 CFR Part 77.3	Offset Plans
40 CFR Part 77.5(b)	Deduction of Allowances
40 CFR Part 77.6	Excess Emission Penalties for SO2 and NOX

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Part 60 - EPA Regulations on Standards of Performance for New Stationary Sources						
Subpart A — General Provisions						
60.7	Notification and record keeping.		X			Unit
60.8	Performance tests.		X			Unit
60.11	Compliance with standards and maintenance requirements.		X			Unit
60.12	Circumvention.		X			Unit
60.13	Monitoring requirements.		X			Unit
60.19	General notifications and reporting requirements.		X			Unit
Subpart D — Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971						
60.42	Standard for particulate matter.			X		Unit
60.43	Standard for sulfur dioxide.			X		Unit
60.44	Standard for nitrogen oxides.			X		Unit
60.45	Emission and fuel monitoring.			X		Unit
60.46	Test methods and procedures.			X		Unit
Subpart Da — Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978						
60.42a	Standard for particulate matter.			X		Unit
60.43a	Standard for sulfur dioxide.			X		Unit
60.44a	Standard for nitrogen oxides.			X		Unit
60.45a	Commercial demonstration permit.			X		Unit
60.46a	Compliance provisions.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.47a	Emission monitoring.			X		Unit
60.48a	Compliance determination procedures and methods.			X		Unit
60.49a	Reporting requirements.			X		Unit
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.			X		Unit
60.43b	Standard for particulate matter.			X		Unit
60.44b	Standard for nitrogen oxides.			X		Unit
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.			X		Unit
60.47b	Emission monitoring for sulfur dioxide.			X		Unit
60.48b	Emission monitoring for particulate matter and nitrogen oxides.			X		Unit
60.49b	Reporting and recordkeeping.			X		Unit
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
N60.42c	Standard for sulfur dioxide.			X		Unit
60.43c	Standard for particulate matter.			X		Unit
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.45c	Compliance and performance test methods and procedures for particulate matter.			X		Unit
60.46c	Emission monitoring for sulfur dioxide.			X		Unit
60.47c	Emission monitoring for particulate matter.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.48c	Reporting and recordkeeping.			X		Unit
Subpart K — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978						
60.112	Standard for volatile organic compounds (VOC).			X		Unit
60.113	Monitoring of operations.			X		Unit
Subpart Ka — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984						
60.112a	Standard for volatile organic compounds (VOC).			X		Unit
60.113a	Testing and procedures.			X		Unit
60.114a	Alternative means of emission limitations.			X		Unit
60.115a	Monitoring of operations.			X		Unit
Subpart Kb — Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984						
60.112b	Standard for volatile organic compounds (VOC).			X		Unit
60.113b	Testing and procedures.			X		Unit
60.114b	Alternative means of emission limitations.			X		Unit
60.115b	Recordkeeping and reporting requirements.			X		Unit
60.116b	Monitoring of operations.			X		Unit
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.			X		Unit
60.253	Monitoring of operations.			X		Unit
60.254	Test methods and procedures.			X		Unit
Subpart GG — Standards of Performance for Stationary Gas Turbines						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.332	Standard for nitrogen oxides.			X		Unit
60.333	Standard for sulfur dioxide.			X		Unit
60.334	Monitoring of operations.			X		Unit
60.335	Test methods and procedures.			X		Unit
Subpart 000 — Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.			X		Unit
60.674	Monitoring of Operations.			X		Unit
60.676	Reporting and Recordkeeping.			X		Unit
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A — General Provisions						
61.05	Prohibited Activities.			X		
61.09	Notification of Startup.			X		
61.10	Source Reporting and Request for Waiver of Compliance.			X		
61.11	Waiver of Compliance.			X		
61.12	Compliance with Standards and Maintenance Requirements.			X		
61.13	Emission Tests and Waiver of Emission Tests.			X		
61.14	Monitoring Requirements.			X		
61.19	Circumvention.			X		
Subpart M — National Emission Standards for Asbestos						Facility
Appendix C to Part 61 — Quality Assurance Procedures						Facility
Part 63 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories						
Subpart A — General Provisions						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
63.4	Prohibited Activities and Circumvention.			X		Unit
63.6	Compliance with Standards and Maintenance Requirements.			X		Unit
63.7	Performance Testing Requirements.			X		Unit
63.8	Monitoring Requirements.			X		Unit
63.9	Notification Requirements.			X		Unit
63.10	Reporting and Recordkeeping Requirements.			X		Unit
63.11	Control Device Requirements.			X		Unit
Subpart Q – National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.			X		Unit
63.403	Compliance Dates.			X		Unit
63.404	Compliance Demonstrations.			X		Unit
63.405	Notification Requirements.			X		Unit
63.406	Recordkeeping and Reporting Requirements.			X		Unit
Subpart T – National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.			X		Unit
63.463	Batch Vapor and In-Line Cleaning Machine Standards.			X		Unit
63.464	Alternative Standards.			X		Unit
63.465	Test Methods.			X		Unit
63.466	Monitoring Procedures.			X		Unit
63.467	Recordkeeping Requirements.			X		Unit
63.468	Reporting Requirements.			X		Unit
Part 72 - EPA Acid Rain Program Permits						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart A – General Provisions						
72.7	New Units Exemption.			X		Unit
72.8	Retired Units Exemption.		X			Unit
72.9	Standard Requirements.		X			Unit
Subpart B – Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative		X			Unit
72.21	Submissions.		X			Unit
72.22	Alternate Designated Representative.		X			Unit
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.		X			Unit
Subpart C – Acid Rain Applications						
72.30	Requirements to Apply.		X			Unit
72.32	Permit Applications Shield and Binding Effect of Permit Application.		X			Unit
72.33	Identification of Dispatch System.		X			Unit
Subpart D – Acid Rain Compliance Plan and Compliance Options						
72.40	General.		X			Unit
72.41	Phase I Substitution Plans.			X		Unit
72.42	Phase I Extension Plans.			X		Unit
72.43	Phase I Reduced Utilization Plans.			X		Unit
72.44	Phase II Repowering Extensions.			X		Unit
Subpart E – Acid Rain Permit Contents						
72.51	Permit Shield.		X			Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart I - Compliance Certification						
72.90	Annual Compliance Certification Report.		X			Unit
72.91	Phase I Unit Adjusted Utilization.			X		Unit
72.92	Phase I Unit Allowance Surrender.			X		Unit
72.93	Units with Phase I Extension Plans.			X		Unit
72.94	Units with Repowering Extension Plans.			X		Unit
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.35	Compliance.		X			Unit
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.		X			Unit
75.5	Prohibitions.		X			Unit
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.		X			Unit
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).		X			Unit
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).		X			Unit
75.13	Specific Provisions for Monitoring CO ₂ Emissions.		X			Unit
75.14	Specific Provisions for Monitoring Opacity.		X			Unit
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.16	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for SO ₂ Emissions and Heat Input Determinations.			X		Unit
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.			X		Unit
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.			X		Unit
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.		X			Unit
75.21	Quality Assurance and Quality Control Requirements.		X			Unit
75.22	Reference Test Methods.		X			Unit
75.24	Out-of-Control Periods.		X			Unit
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.		X			Unit
75.31	Initial Missing Data Procedures.		X			Unit
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.		X			Unit
75.33	Standard Missing Data Procedures.		X			Unit
75.34	Units with Add-On Emission Controls.		X			Unit
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.		X			Unit
75.41	Precision Criteria.		X			Unit
75.42	Reliability Criteria.		X			Unit
75.43	Accessibility Criteria.		X			Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.44	Timeliness Criteria.		X			Unit
75.45	Daily Quality Assurance Criteria.		X			Unit
75.46	Missing Data Substitution Criteria.		X			Unit
75.47	Criteria for a Class of Affected Units.		X			Unit
75.48	Petition for an Alternative Monitoring System.		X			Unit
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.		X			Unit
75.51	General Recordkeeping Provisions for Specific Situations.		X			Unit
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.		X			Unit
75.53	Monitoring Plan.		X			Unit
Subpart G — Reporting Requirements						
75.60	General Provisions.		X			Unit
75.61	Notification of Certification and Recertification Test Dates.		X			Unit
75.62	Monitoring Plan.		X			Unit
75.63	Certification or Recertification Applications.		X			Unit
75.64	Quarterly Reports.		X			Unit
75.65	Opacity Reports.		X			Unit
Appendix A to Part 75 — Specifications and Test Procedures			X			Unit
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures			X			Unit
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures			X			Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Appendix D to Part 75 -- Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units			X			Unit
Appendix E to Part 75 -- Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units			X			Unit
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.			X		Unit
76.8	Early Election for Group I, Phase II Boilers.			X		Unit
76.9	Permit Applications and Compliance Plans.			X		Unit
76.10	Alternative Emission Limitations.			X		Unit
76.11	Emissions Averaging.			X		Unit
76.12	Phase I NO _x Compliance Extensions.			X		Unit
76.14	Monitoring, Recordkeeping, and Reporting.			X		Unit
76.15	Test Methods and Procedures.			X		Unit
EPA Part 82 - Protection Of Stratospheric Ozone						
Subpart B - Servicing of Motor Vehicle Air Conditioners						
82.34	Prohibitions.			X		Facility
82.36	Approved refrigerant recycling equipment.			X		Facility
82.38	Approved independent standards testing organizations.			X		Facility
82.40	Technician training and certification.			X		Facility
82.42	Certification, recordkeeping and public notification requirements.			X		Facility
Subpart F - Recycling and Emissions Reduction						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
82.154	Prohibitions.			X		Facility
82.156	Required practice.			X		Facility
82.158	Standards for recycling and recovery equipment.			X		Facility
82.160	Approved equipment testing organizations.			X		Facility
82.161	Technician certification.			X		Facility
82.162	Certification by owners of recovery and recycling equipment.			X		Facility
82.164	Reclaimer certification.			X		Facility
82.166(k)	Reporting and recordkeeping requirements for owners/operators.			X		Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Chapter 62-4 Permits						
62-4.030	General Prohibition.			X	State Only	Facility
62-4.100	Suspension and Revocation.			X	State Only	Facility
62-4.130	Plant Operation - Problems.			X	State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800	Standards of Performance for New Stationary Sources (NSPS) (see 40 CFR 60 list for subsections).					
	(7) Standards Adopted.			X	State only.	Unit
	(b) The following Standards of Performance for New Stationary Sources contained in 40 CFR 60, revised as of July 1, 1994, or later as specifically indicated.			X	State only.	Unit
	1. 40 CFR 60.40 Subpart D, Fossil-fuel-fired Steam Generators for which Construction is Commenced after August 17, 1971.			X	State only.	Unit
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.			X	State only.	Unit
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	12. 40 CFR 60.110 Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.			X	State only.	Unit
	13. 40 CFR 60.110a Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800	14. 40 CFR 60.110b Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.			X	State only.	Unit
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.			X	State only.	Unit
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.			X	State only.	Unit
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.			X	State only.	Unit
62-204.800(7)	(c) The Standards of Performance for New Stationary Sources adopted by reference in this section shall be controlling over other standards in this chapter except that any emissions limiting standard contained in or determined pursuant to this chapter which is more stringent than one contained in a Standard of Performance, or which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.			X	State only.	Unit
	(7)(d) General Provisions Adopted.			X	State only.	Unit
	(7)(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 1994 or later as specifically indicated, are adopted and incorporated by reference.			X	State only.	Unit
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.			X	State only.	Unit
	2. 40 CFR 60 Appendix B, Performance Specifications.			X	State only.	Unit
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.			X	State only.	Unit
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.			X	State only.	Unit
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPs).					
	(8) Standards Adopted.			X	State only.	Unit
	(b)8. 40 CFR Part 61 Subpart M Asbestos.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800(8)	(d) General Provisions Adopted. The general provisions of 40 CFR Part 61 Subpart A, revised July 1, 1994, are adopted and incorporated by reference except 40 CFR 61.04, 40 CFR 61.08, 40 CFR 61.11, and 40 CFR 61.18.			X	State only.	Unit
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAP) - Part 63					
	(9) Standards Adopted.			X	State only.	Unit
	(b) 40 CFR 63 Subpart Q Chromium Emissions from Industrial Process Cooling Towers*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(a) 40 CFR 63 Subpart T Halogenated Solvent Cleaning*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(d) General Subparts Adopted.			X	State only.	Unit
	1. 40 CFR 63 Subpart A, General Provisions			X	State only.	Unit
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))			X	State only.	Unit
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions			X	State only.	Unit
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule			X	State only.	Facility
62-204.800 (12)	Adoption of 40 CFR 72, Federal Acid Rain Program		X		State only.	Unit
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System		X		State only.	Unit
62-204.800 (14)	Adoption of 40 CFR 75, CEMS		X		State only.	Unit
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement			X	State only.	Unit
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions		X		State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone			X	State only.	Unit
Chapter 62-210 Stationary Sources -- General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits.			X		Facility
	(3)(a) Exemptions - #1-29.			X		Facility
	(3)(b) Temporary Exemptions.			X		Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.			X		Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.			X		Facility
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.			X		Facility
62-210.370	Reports.					
	(1) Notification of Intent to Relocate Air Pollutant Emitting Facility.			X		Unit
	(3) Annual Operating Report for Air Pollutant Emitting Facility.			X		Facility
62-210.650	Circumvention.		X			Unit
62-210.700	Excess Emissions.		X			Unit
62-210.900	Forms and Instructions.			X		Facility
	(5) Annual Operating Reports			X		Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						
62-213.205	Annual Emissions Fee.			X		Facility
62-213.400	Permits and Permit Revisions Required.			X		Facility
62-213.410	Changes Without Permit Revision.			X		Facility
62-213.415	Trading of Emissions Within a Source.			X		Unit/Facility
62-213.460	Permit Shield.			X		Facility
Chapter 62-214 Requirements for Sources Subject to the Federal Acid Rain Program						
62-214.300	Applicability.		X			Unit
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .		X			Unit
	(6) A new unit shall no longer be exempted . . .		X			Unit
	(7) A retired unit shall no longer be exempted . . .		X			Unit
62-214.350	Certification.		X			Unit
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.		X			Unit
	(2) Termination.		X			Unit
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.			X		
	(3) Control Technology Requirements.			X		
	(4) Compliance Schedule.			X	State Only	
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(2) Prohibition.			X	State Only	
	(3) Control Technology Requirements.			X	State Only	
	(4) Compliance Schedules.			X	State Only	
	(5) Testing.			X	State Only	
	(6) Recordkeeping.			X	State Only	
	(7) System Maintenance.			X	State Only	
62-252.400	(8) Training.			X	State Only	
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.			X	State Only	
	(3) Leak Testing.			X	State Only	
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.			X	State Only	Facility
62-256.450	Burning for Cold or Frost Protection.			X	State Only	Facility
62-256.500	Land Clearing.			X	State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.			X	State Only	Facility
62-256.700	Open Burning Allowed.			X	State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.			X	State Only	Facility
62-257.400	Fee Schedule.			X	State Only	Facility
62-257.900	Form.			X	State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.			X	State Only	Facility
62-281.400	Compliance Requirements.			X	State Only	Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-281.500	Establishment Certification.					
	(1) Initial Certification.			X	State Only	Facility
	(2) Renewal Certification.			X	State Only	Facility
	(3) Fees.			X	State Only	Facility
	(4) Certificate of Compliance.			X	State Only	Facility
62-281.600	Training Requirements.			X	State Only	Facility
62-281.700	Equipment Certification.			X	State Only	Facility
62-281.900	Forms.			X	State Only	Facility
Chapter 62-296 Stationary Sources – Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.			X		Facility
	(2) Objectionable Odor Prohibited.			X		Facility
	(3) Open Burning.			X	State Only	
	(4)(a) Process Weight Table.			X		Unit
	(4)(b) General Visible Emissions Standard.			X		Facility
	(4)(c) Unconfined Emissions of Particulate Matter.			X		Facility
62-296.405	Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input.					
	(1) Existing Emissions Units.					
	(a) Visible emissions.		X			Unit
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.		X			Unit
	(c) Sulfur Dioxide, as measured by applicable compliance methods.		X			Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	1. Sources burning liquid fuel.		X			Unit
	2. Sources burning solid fuel.			X		Unit
	3. Owners of fossil fuel steam generators shall monitor their emissions and the effects of the emissions on ambient concentrations of sulfur dioxide, in a manner, frequency, and locations approved, and deemed reasonably necessary and ordered by the Department.		X			Unit
	(d) Nitrogen Oxides (expressed as NO _x).			X		Unit
62-296.405	(e) Test Methods and Procedures.		X		Presumably federally enforceable, but cannot be confirmed at this time.	Unit
	(f) Continuous Emissions Monitoring Requirements.		X			Unit
	(g) Quarterly Reporting Requirements.		X			Unit
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a			X		Unit
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a			X		Unit
62-296.406	Fossil Fuel Steam Generators with Less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units.					
	(1) Visible Emissions			X		Unit
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.			X		Unit
	(2) Permit, Recordkeeping, and Compliance Reporting Requirements.			X		Unit
	(a) Permits - Special Considerations.			X		Unit
	(b) Recordkeeping.			X		Unit
62-296.500	(c) Reporting.			X		Unit
	(3) Exceptions.			X		Unit
	(4) Consideration of Exempt Solvents			X		Unit
	(5) Compliance may be demonstrated for surface coating and graphic arts facilities on a 24-hour weighted average basis for a single source point with a single emission limit.			X		Unit
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.			X		Unit
	(2) Cold Cleaning Control Technology.			X		Unit
	(3) Open Top Vapor Degreaser Control Technology.			X		Unit
	(4) Conveyorized Degreaser Control Technology.			X		Unit
	(5) Test Methods and Procedures.			X	* 8-hr test requirement not in SIP.	Unit
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.570	Reasonably Available Control Technology (RACT) - Requirements for Major VOC- and NO _x - Emitting Facilities.					
	(1) Applicability.			X	State Only	Unit
	(2) Compliance Requirements.			X	State Only	Unit
62-296.570	(3) Operation Permit Requirements.			X	State Only	Unit
	(4) RACT Emission Limiting Standards.			X	State Only	Unit
	(a) Compliance Dates and Monitoring.			X	State Only	Unit
	(b) Emission Limiting Standards.			X	State Only	Unit
	(c) Exception for Startup, Shutdown or Malfunction.			X	State Only	Unit
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.			X		Unit
	(2) Exemptions.			X		Unit
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.			X		Unit
	(4) Maximum Allowable Emission Rates.			X		Unit
	(a) Emissions Unit Data.			X		Unit
	(b) Maximum Emission Rates.			X		Unit
	(5) Circumvention.			X		Unit
	(6) Operation and Maintenance Plan.			X		Unit
	(a) Air Pollution Control Devices and Collection Systems.			X		Unit
	(b) Control Equipment Data.			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Processing or Materials Handling Systems.			X		Unit
	(d) Fossil Fuel Steam Generators.			X		Unit
62-296.702	Fossil Fuel Steam Generators.					
	(1) Applicability.		X			Unit
	(2) Emission Limitations.		X			Unit
	(a) Particulate Matter - 0.10 lb/mmBtu		X			Unit
62-296.711	(b) Visible Emissions - 20% opacity.		X			Unit
	(3) Test Methods and Procedures.		X			Unit
	Materials Handling, Sizing, Screening, Crushing and Grinding Operations.					
	(1) Applicability			X		Unit
	(2) Emission Limitations.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
Chapter 62-297 Stationary Sources – Emission Monitoring						
62-297.310	General Test Requirements.		X			Unit
	(1) Required Number of Test Runs		X			Unit
	(2) Operating Rate During Testing		X			Unit
	(3) Calculation of Emission Rate		X			Unit
	(4) Applicable Test Procedures.		X			
	(a) Required Sampling Time.		X			Unit
	1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.		X			Unit
	2. Opacity Compliance Tests.		X			Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(b) Minimum Sample Volume.		X			Unit
	(c) Required Flow Rate Range.		X			Unit
	(d) Calibration.		X			Unit
	(e) EPA Method 5.		X			Unit
	(5) Determination of Process Variables.		X			Unit
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.		X			Unit
	(b) Temporary Test Facilities.		X			Unit
	(c) Test Facilities.		X			Unit
62-297.310	1. Sampling Ports.		X			Unit
	(d) Work Platforms.		X			Unit
	(e) Access.		X			Unit
	(f) Electrical Power.		X			Unit
	(g) Sampling Equipment Support.		X			Unit
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.		X			Unit
	1. Compliance test requirement prior to obtaining operating permit.		X			
	2. Annual test requirement for excess PM emissions.			X		
	3. Annual test requirement prior to obtaining renewal permit.		X			
	4.(a) Annual VE test,		X			
	(b) Annual test for lead, acrylonitide and other regulated pollutants,			X		

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Annual test for each NESHAP pollutant			X		
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.		X			
	6. Exemption from semi-annual PM test for steam generators.		X			
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.		X			
	8. Five year VE test requirement for units that operate no more than 400 hrs/year.		X			
	9. Fifteen day advance notification requirement prior to test.		X			
	10. Compliance test exemption for exempt units and units utilizing a general permit.		X			
62-297.310	(b) Special Compliance Tests.			X		Unit
	(c) Waiver of Compliance Test Requirement.			X		Unit
	(8) Test Reports.		X			Unit

Additional Applicable Regulations
 Approved Local Program Ordinances and Rules Incorporated
 by Reference in Specific Operating Agreement
 with Florida Department of Environmental Protection

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Broward County Code</p>						
<p>Article IV - Air Pollution</p>						
27-173	(excluding (b)) - General prohibitions			X		Facility
27-174	Exemptions			X		Facility
27-176	(b) Volatile Organic Compounds Emissions or Organic Solvents Emissions			X		
27-177	General particulate matter emission limiting standards			X		Facility
27-179	Specific emission limits and performance standards adopted from F.A.C. 62-296.400 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-180	Reasonably available control technology (RACT) 62-296.500 - Volatile organic compounds and nitrogen oxides (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-182	Standards of Performance for New Stationary Sources (NSPS)62-204.800 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-183	National emission standards for hazardous air pollutants (NESHAP) 62-204.810 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-184	(excluding (b), (c) & (e)) - Licenses required			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
27-187	Emissions estimates			X		Facility
27-188	(excluding (b), (c), (d), (f) & (j))- License fee schedules			X		Facility
27-189	Stationary sources - Emission sampling and monitoring (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
Article IX - Open Burning						
27-283	(excluding (k)) - Prohibitions			X		Facility
27-284	Licenses and approvals required			X		Facility
27-285	Land-clearing open burning			X		Facility
27-286	Industrial, commercial, municipal, and research open burning			X		Facility
27-287	(excluding (d)(l)) - Other open burning allowed			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
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* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Duval County, City of Jacksonville - Title X. Environmental Affairs						
Chapter 360 - Environmental Regulation						
Part I - PUBLIC POLICY; GENERAL PROVISIONS						
360.109	Entry on property			X		Facility
PART III - COMPLIANCE PLANS						
360.301	Compliance plans; compliance agreements			X		Facility
PART V - LIABILITY; PUNITIVE DAMAGES; OTHER PROVISIONS						
360.503	Activities pursuant to attainment plan or compliance plan			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
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<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Jacksonville Environmental Protection Board</p>						
<p>Final Rule with Respect to Organization Procedure and Practice - Rule 1</p>						
<p>Part IX - Board procedures - compliance plans</p>						
1.902	Compliance plan			X		Facility
1.903	Compliance agreements			X		Facility
1.904	Compliance agreements embodying compliance plans			X		Facility
<p>Air Pollution Control - Rule 2</p>						
<p>Part I - General Provisions</p>						
2.104	Registration and Reports			X		Facility
2.105	Maintenance of Pollution Control Devices		X			Unit
2.106	General Restrictions			X		Facility
2.107	Air Pollution Prohibited			X		Facility
<p>Part II - General Requirements</p>						
2.201	Adoption of 62-210, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Facility
<p>Part IV - Gasoline Vapor Control</p>						
2.401	Adoption of 62-252, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Unit
2.402	Expanded Stage I Controls in Duval County			X		Unit
<p>Part V - Open Burning and Frost Protection Fires</p>						

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
2.501	Adoption of 62-256, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Facility
Part IX - Stationary sources - Emission Standards						
2.901	Stationary Sources - Emission Standards (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
2.902	Asbestos Removal (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility
Part X - Stationary Sources - Emission Monitoring						
2.1001	Adoption of 62-197, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
Part XI - Air Pollution Nuisance Rules						
2.1101	General Standards for Volatile Organic Compounds			X		Facility
2.1103	C.2., E - Air Pollution Nuisance			X		Facility
Part XII - Permits						
2.1201	Adoption of 62-4, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility
2.1202	Adoption of 62-213 (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Hillsborough County EPC Rules						
Chapter 1-3 - Air Pollution						
1-3.20	Circumvention Prohibited			X		Unit
1.3.21	(1) Permits Required			X		Facility
1.3.21	(3) Permits Required			X		Facility
1-3.22	Prohibitions			X		Facility
1-3.23	Necessary Precautions			X		Facility
1-3.25	Excess Emission			X		Facility
1-3.32	(2) Air Pollution Episodes			X		Facility
1-3.60	Emission Limiting and Performance Standards			X		Facility/Unit
1-3.61	Particulate Emissions			X		Unit
1-3.62	Visible Emissions			X		Facility
1-3.63 (c & d)	Specific Source Emissions			X		Unit
1-3.70	Source Sampling and Monitoring			X		Facility
Chapter 1-4 - Open Burning						
1-4.04	(excluding 4.) - Prohibitions			X		Facility
1-4.06	(excluding 1. & 4.a.) - Allowed burning (no written EPC authorization required)			X		Facility
1-4.07	Allowable burning (written EPC authorization required)			X		Facility
1-4.08 (5.,6.,7.,8.)	Administrative procedure and conditions for authorizations			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
1-4.09	(excluding 1.b) - Open burning requirements			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Orange County Code</p>						
<p>Chapter 15 - Environment Control</p>						
15-34	Approval of plans, specifications, etc.			X		Facility
15-35	Operating Records			X		Facility
15-39 ^o	Prohibited deposits, discharges			X		Facility
15-89	Air pollution sources; problems			X		Facility
15-90(a)(1)	Adoption of state rules by reference (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Palm Beach County Ordinance 78-5</p>						
Section 2	Adoption by Reference - all DEP rules adopted pursuant to Chapter 403, F.S. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Emissions Unit Information Section 1 of 4

9. Actual Volumetric Flow Rate:	325000	acfm
10. Percent Water Vapor :	N/A	%
11. Maximum Dry Standard Flow Rate:	N/A	dscfm
12. Nonstack Emission Point Height:	N/A	feet
13. Emission Point UTM Coordinates:	Zone: 17	East (km): 437.70 North (km): 3353.88
14. Emission Point Comment (limit to 200 characters):		
Stack test date Nov. 1		

Emissions Unit Information Section 1 of 4

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): #6 oil used in boiler	
2. Source Classification Code (SCC): 1-01-004-01	
3. SCC Units: kgal	
4. Maximum Hourly Rate: 5.24 kgal/hr	5. Maximum Annual Rate: 45,875 kgal/yr
6. Estimated Annual Activity Factor: N/A	
7. Maximum Percent Sulfur: 1.0%	8. Maximum Percent Ash: N/A
9. Million Btu per SCC Unit: 152 MBtu/kgal	
10. Segment Comment (limit to 200 characters): Max rates based on heat content of 152 MBtu/kgal. Max rates vary with heat content. This includes 300,000 gallons annually of on-spec used oil facility wide. Oil and gas may be burned simultaneously. Fuel additives used to enhance combustion and/or control acidity. Fuel additives are typically of a magnesium, sulfonate, or calcium nitrate origin.	

sulfonate, or calcium nitrate

Emissions Unit Information Section 1 of 4

Segment Description and Rate: Segment 2 of 2

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Natural gas used in boiler.</p>	
<p>2. Source Classification Code (SCC): 1-01-006-01</p>	
<p>3. SCC Units: MCF</p>	
<p>4. Maximum Hourly Rate: 0.825 MCF/hr.</p>	<p>5. Maximum Annual Rate: 7,227 MCF/yr.</p>
<p>6. Estimated Annual Activity Factor: N/A</p>	
<p>7. Maximum Percent Sulfur: N/A</p>	<p>8. Maximum Percent Ash: N/A</p>
<p>9. Million Btu per SCC Unit: 1000 MBtu/MCF</p>	
<p>10. Segment Comment (limit to 200 characters):</p> <p>Max rates based on heat content of 1000 MBtu/MCF. Max rates vary with heat content.</p>	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
S02	N/A	N/A	EL
NOX	N/A	N/A	NS
CO	N/A	N/A	NS ₃
PM	N/A	N/A	EL
VOC	N/A	N/A	NS
Ni(H-133)	N/A	N/A	NS
HCl(H106)	N/A	N/A	NS
HF(H107)	N/A	N/A	NS
SO3(SAM)	N/A	N/A	NS
HAPs	N/A	N/A	NS

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information:

1. Pollutant Emitted: S02				
2. Total Percent Efficiency of Control:	N/A			%
3. Potential Emissions:	875.6	lb/hour	3835	tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
5. Range of Estimated Fugitive/Other Emissions: N/A <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/year				
6. Emission Factor: Reference: Permit				
7. Emissions Method Code: <input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5				
8. Calculation of Emissions (limit to 600 characters): Permitted Values				
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):				

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Emissions Unit Information Section 1 of 4

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code:	Rule		
2. Future Effective Date of Allowable Emissions:	N/A		
3. Requested Allowable Emissions and Units:	1.1 lb SO ₂ /MBtu		
4. Equivalent Allowable Emissions:	875.6	lb/hour	3835.1 tons/year
5. Method of Compliance (limit to 60 characters):	Annual Stack Test		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):			

B.

1. Basis for Allowable Emissions Code:			
2. Future Effective Date of Allowable Emissions:			
3. Requested Allowable Emissions and Units:			
4. Equivalent Allowable Emissions:		lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):			
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):			

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information:

1. Pollutant Emitted:	PMS			
2. Total Percent Efficiency of Control:	N/A		%	
3. Potential Emissions:	239	lb/hour	131	tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:	N/A			
	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	_____ to _____ tons/year
6. Emission Factor:	Reference: Permit			
7. Emissions Method Code:	<input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5			
8. Calculation of Emissions (limit to 600 characters):	<p align="center">Permitted Values</p>			
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	<p align="center">Based on 3 hours per day</p>			

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted:					
PM					
2. Total Percent Efficiency of Control:				%	
3. Potential Emissions:		79.6	lb/hour	305	tons/year
4. Synthetically Limited?					
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Range of Estimated Fugitive/Other Emissions:					
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 N/A: _____ to _____ tons/year					
6. Emission Factor:					
Reference: Permit					
7. Emissions Method Code:					
<input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5					
8. Calculation of Emissions (limit to 600 characters):					
Permitted Values					
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):					
Based on 21 hours per day.					

Emissions Unit Information Section 1 of 4

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code:	Rule		
2. Future Effective Date of Allowable Emissions:	N/A		
3. Requested Allowable Emissions and Units:	0.3 lb PM/MBtu		
4. Equivalent Allowable Emissions:	238.8	lb/hour	130.7 tons/year
5. Method of Compliance (limit to 60 characters):	Annual Stack Test		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	Soot blowing operation Tons per year based on 3 hrs per day		

B.

1. Basis for Allowable Emissions Code:	Rule		
2. Future Effective Date of Allowable Emissions:	N/A		
3. Requested Allowable Emissions and Units:	0.1 lb PM/MBtu		
4. Equivalent Allowable Emissions:	79.6	lb/hr	305 tons/year
5. Method of Compliance (limit to 60 characters):	Annual Stack Test		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	Non-soot blowing operation Tons per year based on 21 hours per day		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 2

1. Visible Emissions Subtype:	VE20
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 20 % Exceptional Conditions: 40 % Maximum Period of Excess Opacity Allowed: 2 min/hour
4. Method of Compliance:	Annual VE using EPA Method 9
5. Visible Emissions Comment (limit to 200 characters):	

Visible Emissions Limitation: Visible Emissions Limitation 2 of 2

1. Visible Emissions Subtype:	VE60
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 60 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:	Annual VE using EPA method 9
5. Visible Emissions Comment (limit to 200 characters):	Soot blowing limit 3hrs/24 hours

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Continuous Monitoring System: Continuous Monitor 1 of 4

1. Parameter Code:	VE	2. Pollutant(s):	N/A
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other		
4. Monitor Information:	Manufacturer: TECO Model Number: 400B DAHS VER 3.1.4 Serial Number: 400B-48383-B69/281		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/23/95		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 2 of 4

1. Parameter Code:	GAS	2. Pollutant(s):	N/A
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other		
4. Monitor Information:	Manufacturer: BAILEY Model Number: B075221 DAHS VER 3.1.4 Serial Number: 174431		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/23/95		
7. Continuous Monitor Comment (limit to 200 characters):			

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Continuous Monitoring System: Continuous Monitor 3 of 4

1. Parameter Code: OILM-Mass Oil Flow	2. Pollutant(s): N/A
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Manufacturer: HALIBURTON Model Number: EZ-IN SERIES DAHS VER 3.1.4 Serial Number: 1.5SBF-9645	
5. Installation Date: 7/9/94	
6. Performance Specification Test Date: 1/23/95	
7. Continuous Monitor Comment (limit to 200 characters):	

Continuous Monitoring System: Continuous Monitor 4 of 4

1. Parameter Code: OILM-Mass Oil Flow	2. Pollutant(s): N/A
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Manufacturer: HALIBURTON Model Number: EZ-IN SERIES DAHS VER 3.1.4 Serial Number: 1.5SBF-9646	
5. Installation Date: 7/9/94	
6. Performance Specification Test Date: 1/23/95	
7. Continuous Monitor Comment (limit to 200 characters):	

Plant Name (from Step 1) Southside	Unit Short Name, Stack or Pipe Description SS4	NADB Boiler, Stack or Pipe ID# 4
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STEP 2 Complete Table B for the unit or stack identified in Part 1, using the codes at the bottom of the columns when appropriate

TABLE B: MONITORING SYSTEMS/ANALYTICAL COMPONENTS

SYSTEM				ANALYTICAL COMPONENTS AND DAHS SOFTWARE						
C	420	NOX	P	DAHS	401		KVB	DAHS VER 3.1.4	10014004	
C	440	OP	P	DAHS	401		KVB	DAHS VER 3.1.4	10014004	
U	440	OP	P	OP	443	ISC	TECO	400B	400B-48383-B69/281	
C	450	GAS	P	DAHS	401		KVB	DAHS VER 3.1.4	10014004	
U	450	GAS	P	GFFM	453	UR	BAILEY	B075221	174431	
C	460	OILM	P	DAHS	401		KVB	DAHS VER 3.1.4	10014004	
U	460	OILM	P	OFFM	463	TUR	HALIBURTON	EZ-IN SERIES	1.5SBF-9645	
U	460	OILM	P	OFFM	465	TUR	HALIBURTON	EZ-IN SERIES	1.5SBF-9646	
(1) A - Add C - Correct D - Delete U - Unchanged	(3) CO2 SO2 NOx FLOW OP - Opacity OILM - Mass Oil Flow OILV - Volumetric Oil Flow GAS SOI - SO2 Inlet SOO - SO2 Outlet	(4) P - Primary B - Backup RB - Redundant Backup RM - Reference Method Backup DB - Data Backup	(5) DAHS CO2 SO2 NOx O2 H2O FLOW OP - Opacity PRB - Probe PLC	Fuel Flowmeter Component Types GFFM - Gas Fuel Flow Meter OFFM - Oil Fuel Flow Meter DP - Differential Pressure PRES - Pressure TEMP - Temperature GCH - Gas Chromatograph	(7) Concentration/Diluent IS - In Situ ISP - Point/Path In Situ ISC - Cross Stack In Situ DIL - Dilution DIN - Dilution in Stack DOU - Dilution Out-of-Stack EXT - Extractive	Volumetric Flow DP - Diff. Pressure U - Ultrasonic T - Thermal O - Other	Fuel Flowmeter UR - Orifice NOZ - Nozzle VEN - Venturi U - Ultrasonic VTX - Vortex PDP - Positive Displacement COR - Coreolis TUR - Turbine O - Other (see instructions)			

Date 04/30/96

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:				
PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E		<input checked="" type="checkbox"/>] Unknown
SO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E		<input checked="" type="checkbox"/>] Unknown
NO2	<input type="checkbox"/>] C	<input type="checkbox"/>] E		<input checked="" type="checkbox"/>] Unknown
4. Baseline Emissions:				
PM	318	lb/hour	436	tons/year
SO2	876	lb/hour	3835	tons/year
NO2			1534	tons/year
5. PSD Comment (limit to 200 characters):				
Baseline using allowable (AP-42 for NOx) emissions				

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>#3</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: <u>#11</u> [] Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment <input checked="" type="checkbox"/> Attached, Document ID: <u>#12</u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities <input checked="" type="checkbox"/> Attached, Document ID: <u>#10</u> [] Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable Per FAC 62-297.340(1)(c)2 (400 hour exclusion rule)
6. Procedures for Startup and Shutdown <input checked="" type="checkbox"/> Attached, Document ID: <u>#13</u> [] Not Applicable
7. Operation and Maintenance Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>#13</u> [] Not Applicable
8. Supplemental Information for Construction Permit Application [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input checked="" type="checkbox"/> Attached, Document ID: <u>#8</u> <input type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan To be submitted when required <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input checked="" type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: <u>#14</u> <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Southside Generating Station Unit #5		
2. Emissions Unit Identification Number: [] No Corresponding ID [x] Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [x] Yes [] No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): Stack Test date Dec. 15		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	9/1/64		
2. Long-term Reserve Shutdown Date:	N/A		
3. Package Unit:	N/A	Model Number:	
Manufacturer:			
4. Generator Nameplate Rating:	156.6	MW	
5. Incinerator Information:			
	Dwell Temperature:		°F
	Dwell Time:	N/A	seconds
	Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	#6 1500	mmBtu/hr
	NATURAL GAS 1550	
2. Maximum Incineration Rate:	lb/hr	tons/day
	N/A	
3. Maximum Process or Throughput Rate:	N/A	
4. Maximum Production Rate:	N/A	
5. Operating Capacity Comment (limit to 200 characters):		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
24	hours/day	7	days/week
52	weeks/year	8760	hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

N/A

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Part 60 - EPA Regulations on Standards of Performance for New Stationary Sources						
Subpart A — General Provisions						
60.7	Notification and record keeping.		X			Unit
60.8	Performance tests.		X			Unit
60.11	Compliance with standards and maintenance requirements.		X			Unit
60.12	Circumvention.		X			Unit
60.13	Monitoring requirements.		X			Unit
60.19	General notifications and reporting requirements.		X			Unit
Subpart D — Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971						
60.42	Standard for particulate matter.			X		Unit
60.43	Standard for sulfur dioxide.			X		Unit
60.44	Standard for nitrogen oxides.			X		Unit
60.45	Emission and fuel monitoring.			X		Unit
60.46	Test methods and procedures.			X		Unit
Subpart Da — Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978						
60.42a	Standard for particulate matter.			X		Unit
60.43a	Standard for sulfur dioxide.			X		Unit
60.44a	Standard for nitrogen oxides.			X		Unit
60.45a	Commercial demonstration permit.			X		Unit
60.46a	Compliance provisions.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.47a	Emission monitoring.			X		Unit
60.48a	Compliance determination procedures and methods.			X		Unit
60.49a	Reporting requirements.			X		Unit
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.			X		Unit
60.43b	Standard for particulate matter.			X		Unit
60.44b	Standard for nitrogen oxides.			X		Unit
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.			X		Unit
60.47b	Emission monitoring for sulfur dioxide.			X		Unit
60.48b	Emission monitoring for particulate matter and nitrogen oxides.			X		Unit
60.49b	Reporting and recordkeeping.			X		Unit
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
N60.42c	Standard for sulfur dioxide.			X		Unit
60.43c	Standard for particulate matter.			X		Unit
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.45c	Compliance and performance test methods and procedures for particulate matter.			X		Unit
60.46c	Emission monitoring for sulfur dioxide.			X		Unit
60.47c	Emission monitoring for particulate matter.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.48c	Reporting and recordkeeping.			X		Unit
Subpart K — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978						
60.112	Standard for volatile organic compounds (VOC).			X		Unit
60.113	Monitoring of operations.			X		Unit
Subpart Ka — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984						
60.112a	Standard for volatile organic compounds (VOC).			X		Unit
60.113a	Testing and procedures.			X		Unit
60.114a	Alternative means of emission limitations.			X		Unit
60.115a	Monitoring of operations.			X		Unit
Subpart Kb — Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984						
60.112b	Standard for volatile organic compounds (VOC).			X		Unit
60.113b	Testing and procedures.			X		Unit
60.114b	Alternative means of emission limitations.			X		Unit
60.115b	Recordkeeping and reporting requirements.			X		Unit
60.116b	Monitoring of operations.			X		Unit
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.			X		Unit
60.253	Monitoring of operations.			X		Unit
60.254	Test methods and procedures.			X		Unit
Subpart GG — Standards of Performance for Stationary Gas Turbines						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.332	Standard for nitrogen oxides.			X		Unit
60.333	Standard for sulfur dioxide.			X		Unit
60.334	Monitoring of operations.			X		Unit
60.335	Test methods and procedures.			X		Unit
Subpart 000 – Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.			X		Unit
60.674	Monitoring of Operations.			X		Unit
60.676	Reporting and Recordkeeping.			X		Unit
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A – General Provisions						
61.05	Prohibited Activities.			X		
61.09	Notification of Startup.			X		
61.10	Source Reporting and Request for Waiver of Compliance.			X		
61.11	Waiver of Compliance.			X		
61.12	Compliance with Standards and Maintenance Requirements.			X		
61.13	Emission Tests and Waiver of Emission Tests.			X		
61.14	Monitoring Requirements.			X		
61.19	Circumvention.			X		
Subpart M – National Emission Standards for Asbestos						Facility
Appendix C to Part 61 – Quality Assurance Procedures						Facility
Part 63 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories						
Subpart A – General Provisions						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
63.4	Prohibited Activities and Circumvention.			X		Unit
63.6	Compliance with Standards and Maintenance Requirements.			X		Unit
63.7	Performance Testing Requirements.			X		Unit
63.8	Monitoring Requirements.			X		Unit
63.9	Notification Requirements.			X		Unit
63.10	Reporting and Recordkeeping Requirements.			X		Unit
63.11	Control Device Requirements.			X		Unit
Subpart Q – National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.			X		Unit
63.403	Compliance Dates.			X		Unit
63.404	Compliance Demonstrations.			X		Unit
63.405	Notification Requirements.			X		Unit
63.406	Recordkeeping and Reporting Requirements.			X		Unit
Subpart T – National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.			X		Unit
63.463	Batch Vapor and In-Line Cleaning Machine Standards.			X		Unit
63.464	Alternative Standards.			X		Unit
63.465	Test Methods.			X		Unit
63.466	Monitoring Procedures.			X		Unit
63.467	Recordkeeping Requirements.			X		Unit
63.468	Reporting Requirements.			X		Unit
Part 72 - EPA Acid Rain Program Permits						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart A – General Provisions						
72.7	New Units Exemption.			X		Unit
72.8	Retired Units Exemption.		X			Unit
72.9	Standard Requirements.		X			Unit
Subpart B – Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative		X			Unit
72.21	Submissions.		X			Unit
72.22	Alternate Designated Representative.		X			Unit
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.		X			Unit
Subpart C – Acid Rain Applications						
72.30	Requirements to Apply.		X			Unit
72.32	Permit Applications Shield and Binding Effect of Permit Application.		X			Unit
72.33	Identification of Dispatch System.		X			Unit
Subpart D – Acid Rain Compliance Plan and Compliance Options						
72.40	General.		X			Unit
72.41	Phase I Substitution Plans.			X		Unit
72.42	Phase I Extension Plans.			X		Unit
72.43	Phase I Reduced Utilization Plans.			X		Unit
72.44	Phase II Repowering Extensions.			X		Unit
Subpart E – Acid Rain Permit Contents						
72.51	Permit Shield.		X			Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart I - Compliance Certification						
72.90	Annual Compliance Certification Report.		X			Unit
72.91	Phase I Unit Adjusted Utilization.			X		Unit
72.92	Phase I Unit Allowance Surrender.			X		Unit
72.93	Units with Phase I Extension Plans.			X		Unit
72.94	Units with Repowering Extension Plans.			X		Unit
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C — Allowance Tracking System						
73.35	Compliance.		X			Unit
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A — General						
75.4	Compliance Dates.		X			Unit
75.5	Prohibitions.		X			Unit
Subpart B — Monitoring Provisions						
75.10	General Operating Requirements.		X			Unit
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).		X			Unit
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).		X			Unit
75.13	Specific Provisions for Monitoring CO ₂ Emissions.		X			Unit
75.14	Specific Provisions for Monitoring Opacity.		X			Unit
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.16	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for SO ₂ Emissions and Heat Input Determinations.			X		Unit
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.			X		Unit
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.			X		Unit
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.		X			Unit
75.21	Quality Assurance and Quality Control Requirements.		X			Unit
75.22	Reference Test Methods.		X			Unit
75.24	Out-of-Control Periods.		X			Unit
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.		X			Unit
75.31	Initial Missing Data Procedures.		X			Unit
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.		X			Unit
75.33	Standard Missing Data Procedures.		X			Unit
75.34	Units with Add-On Emission Controls.		X			Unit
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.		X			Unit
75.41	Precision Criteria.		X			Unit
75.42	Reliability Criteria.		X			Unit
75.43	Accessibility Criteria.		X			Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.44	Timeliness Criteria.		X			Unit
75.45	Daily Quality Assurance Criteria.		X			Unit
75.46	Missing Data Substitution Criteria.		X			Unit
75.47	Criteria for a Class of Affected Units.		X			Unit
75.48	Petition for an Alternative Monitoring System.		X			Unit
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.		X			Unit
75.51	General Recordkeeping Provisions for Specific Situations.		X			Unit
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.		X			Unit
75.53	Monitoring Plan.		X			Unit
Subpart G — Reporting Requirements						
75.60	General Provisions.		X			Unit
75.61	Notification of Certification and Recertification Test Dates.		X			Unit
75.62	Monitoring Plan.		X			Unit
75.63	Certification or Recertification Applications.		X			Unit
75.64	Quarterly Reports.		X			Unit
75.65	Opacity Reports.		X			Unit
Appendix A to Part 75 — Specifications and Test Procedures			X			Unit
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures			X			Unit
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures			X			Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Appendix D to Part 75 — Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units			X			Unit
Appendix E to Part 75 — Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units			X			Unit
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.			X		Unit
76.8	Early Election for Group I, Phase II Boilers.			X		Unit
76.9	Permit Applications and Compliance Plans.			X		Unit
76.10	Alternative Emission Limitations.			X		Unit
76.11	Emissions Averaging.			X		Unit
76.12	Phase I NO _x Compliance Extensions.			X		Unit
76.14	Monitoring, Recordkeeping, and Reporting.			X		Unit
76.15	Test Methods and Procedures.			X		Unit
EPA Part 82 - Protection Of Stratospheric Ozone						
Subpart B - Servicing of Motor Vehicle Air Conditioners						
82.34	Prohibitions.			X		Facility
82.36	Approved refrigerant recycling equipment.			X		Facility
82.38	Approved independent standards testing organizations.			X		Facility
82.40	Technician training and certification.			X		Facility
82.42	Certification, recordkeeping and public notification requirements.			X		Facility
Subpart F - Recycling and Emissions Reduction						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
82.154	Prohibitions.			X		Facility
82.156	Required practice.			X		Facility
82.158	Standards for recycling and recovery equipment.			X		Facility
82.160	Approved equipment testing organizations.			X		Facility
82.161	Technician certification.			X		Facility
82.162	Certification by owners of recovery and recycling equipment.			X		Facility
82.164	Reclaimer certification.			X		Facility
82.166(k)	Reporting and recordkeeping requirements for owners/operators.			X		Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Chapter 62-4 Permits						
62-4.030	General Prohibition.			X	State Only	Facility
62-4.100	Suspension and Revocation.			X	State Only	Facility
62-4.130	Plant Operation - Problems.			X	State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800	Standards of Performance for New Stationary Sources (NSPS) (see 40 CFR 60 list for subsections).					
	(7) Standards Adopted.			X	State only.	Unit
	(b) The following Standards of Performance for New Stationary Sources contained in 40 CFR 60, revised as of July 1, 1994, or later as specifically indicated.			X	State only.	Unit
	1. 40 CFR 60.40 Subpart D, Fossil-fuel-fired Steam Generators for which Construction is Commenced after August 17, 1971.			X	State only.	Unit
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.			X	State only.	Unit
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	12. 40 CFR 60.110 Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.			X	State only.	Unit
	13. 40 CFR 60.110a Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800	14. 40 CFR 60.110b Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.			X	State only.	Unit
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.			X	State only.	Unit
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.			X	State only.	Unit
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.			X	State only.	Unit
62-204.800(7)	(c) The Standards of Performance for New Stationary Sources adopted by reference in this section shall be controlling over other standards in this chapter except that any emissions limiting standard contained in or determined pursuant to this chapter which is more stringent than one contained in a Standard of Performance, or which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.			X	State only.	Unit
	(7)(d) General Provisions Adopted.			X	State only.	Unit
	(7)(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 1994 or later as specifically indicated, are adopted and incorporated by reference.			X	State only.	Unit
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.			X	State only.	Unit
	2. 40 CFR 60 Appendix B, Performance Specifications.			X	State only.	Unit
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.			X	State only.	Unit
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.			X	State only.	Unit
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPs).					
	(8) Standards Adopted.			X	State only.	Unit
	(b)8. 40 CFR Part 61 Subpart M Asbestos.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800(8)	(d) General Provisions Adopted. The general provisions of 40 CFR Part 61 Subpart A, revised July 1, 1994, are adopted and incorporated by reference except 40 CFR 61.04, 40 CFR 61.08, 40 CFR 61.11, and 40 CFR 61.18.			X	State only.	Unit
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAP) - Part 63					
	(9) Standards Adopted.			X	State only.	Unit
	(b) 40 CFR 63 Subpart Q Chromium Emissions from Industrial Process Cooling Towers*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(a) 40 CFR 63 Subpart T Halogenated Solvent Cleaning*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(d) General Subparts Adopted.			X	State only.	Unit
	1. 40 CFR 63 Subpart A, General Provisions			X	State only.	Unit
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))			X	State only.	Unit
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions			X	State only.	Unit
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule			X	State only.	Facility
62-204.800 (12)	Adoption of 40 CFR 72, Federal Acid Rain Program		X		State only.	Unit
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System		X		State only.	Unit
62-204.800 (14)	Adoption of 40 CFR 75, CEMS		X		State only.	Unit
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement			X	State only.	Unit
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions		X		State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone			X	State only.	Unit
Chapter 62-210 Stationary Sources – General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits.			X		Facility
	(3)(a) Exemptions - #1-29.			X		Facility
	(3)(b) Temporary Exemptions.			X		Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.			X		Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.			X		Facility
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.			X		Facility
62-210.370	Reports.					
	(1) Notification of Intent to Relocate Air Pollutant Emitting Facility.			X		Unit
	(3) Annual Operating Report for Air Pollutant Emitting Facility.			X		Facility
62-210.650	Circumvention.		X			Unit
62-210.700	Excess Emissions.		X			Unit
62-210.900	Forms and Instructions.			X		Facility
	(5) Annual Operating Reports			X		Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						
62-213.205	Annual Emissions Fee.			X		Facility
62-213.400	Permits and Permit Revisions Required.			X		Facility
62-213.410	Changes Without Permit Revision.			X		Facility
62-213.415	Trading of Emissions Within a Source.			X		Unit/Facility
62-213.460	Permit Shield.			X		Facility
Chapter 62-214 Requirements for Sources Subject to the Federal Acid Rain Program						
62-214.300	Applicability.		X			Unit
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .		X			Unit
	(6) A new unit shall no longer be exempted . . .		X			Unit
	(7) A retired unit shall no longer be exempted . . .		X			Unit
62-214.350	Certification.		X			Unit
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.		X			Unit
	(2) Termination.		X			Unit
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.			X		
	(3) Control Technology Requirements.			X		
	(4) Compliance Schedule.			X	State Only	
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(2) Prohibition.			X	State Only	
	(3) Control Technology Requirements.			X	State Only	
	(4) Compliance Schedules.			X	State Only	
	(5) Testing.			X	State Only	
	(6) Recordkeeping.			X	State Only	
	(7) System Maintenance.			X	State Only	
62-252.400	(8) Training.			X	State Only	
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.			X	State Only	
	(3) Leak Testing.			X	State Only	
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.			X	State Only	Facility
62-256.450	Burning for Cold or Frost Protection.			X	State Only	Facility
62-256.500	Land Clearing.			X	State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.			X	State Only	Facility
62-256.700	Open Burning Allowed.			X	State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.			X	State Only	Facility
62-257.400	Fee Schedule.			X	State Only	Facility
62-257.900	Form.			X	State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.			X	State Only	Facility
62-281.400	Compliance Requirements.			X	State Only	Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-281.500	Establishment Certification.					
	(1) Initial Certification.			X	State Only	Facility
	(2) Renewal Certification.			X	State Only	Facility
	(3) Fees.			X	State Only	Facility
	(4) Certificate of Compliance.			X	State Only	Facility
62-281.600	Training Requirements.			X	State Only	Facility
62-281.700	Equipment Certification.			X	State Only	Facility
62-281.900	Forms.			X	State Only	Facility
Chapter 62-296 Stationary Sources – Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.			X		Facility
	(2) Objectionable Odor Prohibited.			X		Facility
	(3) Open Burning.			X	State Only	
	(4)(a) Process Weight Table.			X		Unit
	(4)(b) General Visible Emissions Standard.			X		Facility
	(4)(c) Unconfined Emissions of Particulate Matter.			X		Facility
62-296.405	Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input.					
	(1) Existing Emissions Units.					
	(a) Visible emissions.		X			Unit
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.		X			Unit
	(c) Sulfur Dioxide, as measured by applicable compliance methods.		X			Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	1. Sources burning liquid fuel.		X			Unit
	2. Sources burning solid fuel.			X		Unit
	3. Owners of fossil fuel steam generators shall monitor their emissions and the effects of the emissions on ambient concentrations of sulfur dioxide, in a manner, frequency, and locations approved, and deemed reasonably necessary and ordered by the Department.		X			Unit
	(d) Nitrogen Oxides (expressed as NO _x).			X		Unit
62-296.405	(e) Test Methods and Procedures.		X		Presumably federally enforceable, but cannot be confirmed at this time.	Unit
	(f) Continuous Emissions Monitoring Requirements.		X			Unit
	(g) Quarterly Reporting Requirements.		X			Unit
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a			X		Unit
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a			X		Unit
62-296.406	Fossil Fuel Steam Generators with Less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units.					
	(1) Visible Emissions			X		Unit
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.			X		Unit
	(2) Permit, Recordkeeping, and Compliance Reporting Requirements.			X		Unit
	(a) Permits - Special Considerations.			X		Unit
	(b) Recordkeeping.			X		Unit
62-296.500	(c) Reporting.			X		Unit
	(3) Exceptions.			X		Unit
	(4) Consideration of Exempt Solvents			X		Unit
	(5) Compliance may be demonstrated for surface coating and graphic arts facilities on a 24-hour weighted average basis for a single source point with a single emission limit.			X		Unit
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.			X		Unit
	(2) Cold Cleaning Control Technology.			X		Unit
	(3) Open Top Vapor Degreaser Control Technology.			X		Unit
	(4) Conveyorized Degreaser Control Technology.			X		Unit
	(5) Test Methods and Procedures.			X	* 8-hr test requirement not in SIP.	Unit
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.570	Reasonably Available Control Technology (RACT) - Requirements for Major VOC- and NO _x - Emitting Facilities.					
	(1) Applicability.			X	State Only	Unit
	(2) Compliance Requirements.			X	State Only	Unit
62-296.570	(3) Operation Permit Requirements.			X	State Only	Unit
	(4) RACT Emission Limiting Standards.			X	State Only	Unit
	(a) Compliance Dates and Monitoring.			X	State Only	Unit
	(b) Emission Limiting Standards.			X	State Only	Unit
	(c) Exception for Startup, Shutdown or Malfunction.			X	State Only	Unit
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.			X		Unit
	(2) Exemptions.			X		Unit
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.			X		Unit
	(4) Maximum Allowable Emission Rates.			X		Unit
	(a) Emissions Unit Data.			X		Unit
	(b) Maximum Emission Rates.			X		Unit
	(5) Circumvention.			X		Unit
	(6) Operation and Maintenance Plan.			X		Unit
	(a) Air Pollution Control Devices and Collection Systems.			X		Unit
	(b) Control Equipment Data.			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Processing or Materials Handling Systems.			X		Unit
	(d) Fossil Fuel Steam Generators.			X		Unit
62-296.702	Fossil Fuel Steam Generators.					
	(1) Applicability.		X			Unit
	(2) Emission Limitations.		X			Unit
	(a) Particulate Matter - 0.10 lb/mmBtu		X			Unit
62-296.711	(b) Visible Emissions - 20% opacity.		X			Unit
	(3) Test Methods and Procedures.		X			Unit
	Materials Handling, Sizing, Screening, Crushing and Grinding Operations.					
	(1) Applicability			X		Unit
	(2) Emission Limitations.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
Chapter 62-297 Stationary Sources – Emission Monitoring						
62-297.310	General Test Requirements.		X			Unit
	(1) Required Number of Test Runs		X			Unit
	(2) Operating Rate During Testing		X			Unit
	(3) Calculation of Emission Rate		X			Unit
	(4) Applicable Test Procedures.		X			
	(a) Required Sampling Time.		X			Unit
	1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.		X			Unit
	2. Opacity Compliance Tests.		X			Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(b) Minimum Sample Volume.		X			Unit
	(c) Required Flow Rate Range.		X			Unit
	(d) Calibration.		X			Unit
	(e) EPA Method 5.		X			Unit
	(5) Determination of Process Variables.		X			Unit
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.		X			Unit
	(b) Temporary Test Facilities.		X			Unit
	(c) Test Facilities.		X			Unit
62-297.310	1. Sampling Ports.		X			Unit
	(d) Work Platforms.		X			Unit
	(e) Access.		X			Unit
	(f) Electrical Power.		X			Unit
	(g) Sampling Equipment Support.		X			Unit
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.		X			Unit
	1. Compliance test requirement prior to obtaining operating permit.		X			
	2. Annual test requirement for excess PM emissions.			X		
	3. Annual test requirement prior to obtaining renewal permit.		X			
	4.(a) Annual VE test,		X			
	(b) Annual test for lead, acrylonitide and other regulated pollutants,			X		

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Annual test for each NESHAP pollutant			X		
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.		X			
	6. Exemption from semi-annual PM test for steam generators.		X			
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.		X			
	8. Five year VE test requirement for units that operate no more than 400 hrs/year.		X			
	9. Fifteen day advance notification requirement prior to test.		X			
	10. Compliance test exemption for exempt units and units utilizing a general permit.		X			
62-297.310	(b) Special Compliance Tests.			X		Unit
	(c) Waiver of Compliance Test Requirement.			X		Unit
	(8) Test Reports.		X			Unit

Additional Applicable Regulations
 Approved Local Program Ordinances and Rules Incorporated
 by Reference in Specific Operating Agreement
 with Florida Department of Environmental Protection

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Broward County Code</p>						
<p>Article IV - Air Pollution</p>						
27-173	(excluding (b)) - General prohibitions			X		Facility
27-174	Exemptions			X		Facility
27-176	(b) Volatile Organic Compounds Emissions or Organic Solvents Emissions			X		
27-177	General particulate matter emission limiting standards			X		Facility
27-179	Specific emission limits and performance standards adopted from F.A.C. 62-296.400 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-180	Reasonably available control technology (RACT) 62-296.500 - Volatile organic compounds and nitrogen oxides (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-182	Standards of Performance for New Stationary Sources (NSPS)62-204.800 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-183	National emission standards for hazardous air pollutants (NESHAP) 62-204.810.(only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-184	(excluding (b), (c) & (e)) - Licenses required			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
27-187	Emissions estimates			X		Facility
27-188	(excluding (b), (c), (d), (f) & (j))- License fee schedules			X		Facility
27-189	Stationary sources - Emission sampling and monitoring (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
Article IX - Open Burning						
27-283	(excluding (k)) - Prohibitions			X		Facility
27-284	Licenses and approvals required			X		Facility
27-285	Land-clearing open burning			X		Facility
27-286	Industrial, commercial, municipal, and research open burning			X		Facility
27-287	(excluding (d)(l)) - Other open burning allowed			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
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* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Duval County, City of Jacksonville - Title X. Environmental Affairs						
Chapter 360 - Environmental Regulation						
Part I - PUBLIC POLICY; GENERAL PROVISIONS						
360.109	Entry on property			X		Facility
PART III - COMPLIANCE PLANS						
360.301	Compliance plans; compliance agreements			X		Facility
PART V - LIABILITY; PUNITIVE DAMAGES; OTHER PROVISIONS						
360.503	Activities pursuant to attainment plan or compliance plan			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
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* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Jacksonville Environmental Protection Board						
Final Rule with Respect to Organization Procedure and Practice - Rule 1						
Part IX - Board procedures - compliance plans						
1.902	Compliance plan			X		Facility
1.903	Compliance agreements			X		Facility
1.904	Compliance agreements embodying compliance plans			X		Facility
Air Pollution Control - Rule 2						
Part I - General Provisions						
2.104	Registration and Reports			X		Facility
2.105	Maintenance of Pollution Control Devices		X			Unit
2.106	General Restrictions			X		Facility
2.107	Air Pollution Prohibited			X		Facility
Part II - General Requirements						
2.201	Adoption of 62-210, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Facility
Part IV - Gasoline Vapor Control						
2.401	Adoption of 62-252, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Unit
2.402	Expanded Stage I Controls in Duval County			X		Unit
Part V - Open Burning and Frost Protection Fires						

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
2.501	Adoption of 62-256, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Facility
Part IX - Stationary sources - Emission Standards						
2.901	Stationary Sources - Emission Standards (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
2.902	Asbestos Removal (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility
Part X - Stationary Sources - Emission Monitoring						
2.1001	Adoption of 62-197, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
Part XI - Air Pollution Nuisance Rules						
2.1101	General Standards for Volatile Organic Compounds			X		Facility
2.1103	C.2., E - Air Pollution Nuisance			X		Facility
Part XII - Permits						
2.1201	Adoption of 62-4, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility
2.1202	Adoption of 62-213 (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Hillsborough County EPC Rules</p>						
<p>Chapter 1-3 - Air Pollution</p>						
1-3.20	Circumvention Prohibited			X		Unit
1.3.21	(1) Permits Required			X		Facility
1.3.21	(3) Permits Required			X		Facility
1-3.22	Prohibitions			X		Facility
1-3.23	Necessary Precautions			X		Facility
1-3.25	Excess Emission			X		Facility
1-3.32	(2) Air Pollution Episodes			X		Facility
1-3.60	Emission Limiting and Performance Standards			X		Facility/Unit
1-3.61	Particulate Emissions			X		Unit
1-3.62	Visible Emissions			X		Facility
1-3.63 (c & d)	Specific Source Emissions			X		Unit
1-3.70	Source Sampling and Monitoring			X		Facility
<p>Chapter 1-4 - Open Burning</p>						
1-4.04	(excluding 4.) - Prohibitions			X		Facility
1-4.06	(excluding 1. & 4.a.) - Allowed burning (no written EPC authorization required)			X		Facility
1-4.07	Allowable burning (written EPC authorization required)			X		Facility
1-4.08 (5.,6.,7.,8.)	Administrative procedure and conditions for authorizations			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
I-4.09	(excluding I.b) - Open burning requirements			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Orange County Code</p>						
<p>Chapter 15 - Environment Control</p>						
15-34	Approval of plans, specifications, etc.			X		Facility
15-35	Operating Records			X		Facility
15-39*	Prohibited deposits, discharges			X		Facility
15-89	Air pollution sources; problems			X		Facility
15-90(a)(1)	Adoption of state rules by reference (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Palm Beach County Ordinance 78-5</p>						
Section 2	Adoption by Reference - all DEP rules adopted pursuant to Chapter 403, F.S. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: Unit #5	
2. Emission Point Type Code: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Two stacks serving a single boiler Below data same for both stacks.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/A	
5. Discharge Type Code: <input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input checked="" type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height:	44.2 m 145 feet
7. Exit Diameter:	2.96 m 9.709 feet
8. Exit Temperature:	approx. 385 °F

Emissions Unit Information Section 2 of 4

9. Actual Volumetric Flow Rate:	approx.: 650,000	acfm
10. Percent Water Vapor:	N/A	%
11. Maximum Dry Standard Flow Rate:	N/A	dscfm
12. Nonstack Emission Point Height:	N/A	feet
13. Emission Point UTM Coordinates:		
Zone: 17	East (km): 437.655	North (km): 3353.850
14. Emission Point Comment (limit to 200 characters):		
Stack test date Dec. 15		

Emissions Unit Information Section 2 of 4

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): #6 oil used in boiler	
2. Source Classification Code (SCC): 1-01-004-01	
3. SCC Units: kgal	
4. Maximum Hourly Rate: 9.87 kgal/hr	5. Maximum Annual Rate: 86,450 kgal/yr
6. Estimated Annual Activity Factor: N/A	
7. Maximum Percent Sulfur: 1.0%	8. Maximum Percent Ash: N/A
9. Million Btu per SCC Unit: 152 MBtu/kgal	
10. Segment Comment (limit to 200 characters): Max rates based on heat content of 152 MBtu/kgal. Max rates vary with heat content. This includes 300,000 gallons annually of on-spec used oil facility wide. Oil and gas may be burned simultaneously. Fuel additives used to enhance combustion and/or control acidity. Fuel additives are typically of a magnesium, sulfonate, or calcium nitrate origin.	

Emissions Unit Information Section 2 of 4Segment Description and Rate: Segment 2 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Natural gas used in boiler.	
2. Source Classification Code (SCC): 1-01-006-01	
3. SCC Units: MCF	
4. Maximum Hourly Rate: 1.55 MCF/hr.	5. Maximum Annual Rate: 13,578 MCF/yr.
6. Estimated Annual Activity Factor: N/A	
7. Maximum Percent Sulfur: N/A	8. Maximum Percent Ash: N/A
9. Million Btu per SCC Unit: 1000 MBtu/MCF	
10. Segment Comment (limit to 200 characters): Max rates based on heat content of 1000 MBtu/MCF, Max rates vary with heat content.	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
S02	N/A	N/A	EL
NOX	N/A	N/A	NS
CO	N/A	N/A	NS
PM	N/A	N/A	EL
VOC	N/A	N/A	NS
Ni(H-133)	N/A	N/A	NS
HCl(H106)	N/A	N/A	NS
HF(H107)	N/A	N/A	NS
S03(SAM)	N/A	N/A	NS
HAPs	N/A	N/A	NS

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted:	SO2		
2. Total Percent Efficiency of Control:	N/A	%	
3. Potential Emissions:	1650	lb/hour	7227 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 N/A to _____ tons/year		
6. Emission Factor:	Reference: Permit		
7. Emissions Method Code:	<input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters):	Permitted Values		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):			

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code:	Rule
2. Future Effective Date of Allowable Emissions:	N/A
3. Requested Allowable Emissions and Units:	1.1 lb SO ₂ /MBtu
4. Equivalent Allowable Emissions:	1650 lb/hour 7227 tons/year
5. Method of Compliance (limit to 60 characters):	Annual Stack Test
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	

B.

1. Basis for Allowable Emissions Code:	
2. Future Effective Date of Allowable Emissions:	
3. Requested Allowable Emissions and Units:	
4. Equivalent Allowable Emissions:	lb/hr tons/year
5. Method of Compliance (limit to 60 characters):	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

Pollutant Detail Information:

1. Pollutant Emitted:	PMS		
2. Total Percent Efficiency of Control:	N/A	%	
3. Potential Emissions:	450	lb/hour	246.4 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <u>N/A</u> to _____ tons/year		
6. Emission Factor:	Reference: Permit		
7. Emissions Method Code:	<input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters):	<p>Permitted Emissions Tons per year based on 3 hours per day.</p>		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	 		

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted:	PM		
2. Total Percent Efficiency of Control:	N/A		%
3. Potential Emissions:	150	lb/hour	575 tons/year
4. Synthetically Limited?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 N/A to _____ tons/year		
6. Emission Factor:	Reference: Permit		
7. Emissions Method Code:	<input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters):	<p>Permitted Values Tons per year based on 21 hours per day.</p>		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	 		

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code:	Rule		
2. Future Effective Date of Allowable Emissions:	N/A		
3. Requested Allowable Emissions and Units:	0.3 lb PM/MBtu		
4. Equivalent Allowable Emissions:	450	lb/hour	246.4 tons/year
5. Method of Compliance (limit to 60 characters):	Annual Stack Test		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	Soot-blowing operation Tons per year based on 3 hrs/day		

B.

1. Basis for Allowable Emissions Code:	Rule		
2. Future Effective Date of Allowable Emissions:	N/A		
3. Requested Allowable Emissions and Units:	0.1 lb PM/MBtu		
4. Equivalent Allowable Emissions:	150	lb/hr	574.9 tons/year
5. Method of Compliance (limit to 60 characters):	Annual Stack Test		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	Non-soot blowing mode tons per year based on 21 hrs/day		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitation: Visible Emissions Limitation 1 of 2

1. Visible Emissions Subtype:	VE20		
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:	Normal Conditions: 20 %	Exceptional Conditions: 40 %	
	Maximum Period of Excess Opacity Allowed:		2 min/hour
4. Method of Compliance:	Annual VE using EPA Method 9		
5. Visible Emissions Comment (limit to 200 characters):			

Visible Emissions Limitation: Visible Emissions Limitation 2 of 2

1. Visible Emissions Subtype:	VE60		
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:	Normal Conditions: 60 %	Exceptional Conditions: %	
	Maximum Period of Excess Opacity Allowed:		min/hour
4. Method of Compliance:	Annual VE using EPA method 9		
5. Visible Emissions Comment (limit to 200 characters):	Soot blowing limit 3hrs/24 hours		

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Continuous Monitoring System: Continuous Monitor 1 of 7

1. Parameter Code:	EM	2. Pollutant(s):	NOx
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other		
4. Monitor Information:	Manufacturer: TECO Model Number: 42D DAHS VER 3.1.4 Serial Number: 42D-48010-279		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/18/95		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 2 of 7

1. Parameter Code:	EM	2. Pollutant(s):	NOx
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other		
4. Monitor Information:	Manufacturer: TECO Model Number: 42D DAHS VER 3.1.4 Serial Number: 42D-47988-279		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/18/95		
7. Continuous Monitor Comment (limit to 200 characters):			

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Continuous Monitoring System: Continuous Monitor 3 of 7

1. Parameter Code:	VE	2. Pollutant(s):	N/A
3. CMS Requirement:	[X] Rule [] Other		
4. Monitor Information:	Manufacturer: TECO Model Number: 400B DAHS VER 3.1.4 Serial Number: 400B-48893-B70/282		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/18/95		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 4 of 7

1. Parameter Code:	VE	2. Pollutant(s):	N/A
3. CMS Requirement:	[X] Rule [] Other		
4. Monitor Information:	Manufacturer: TECO Model Number: 400B DAHS VER 3.1.4 Serial Number: 400B-48892-B70/282		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/18/95		
7. Continuous Monitor Comment (limit to 200 characters):			

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Continuous Monitoring System: Continuous Monitor 5 of 7

1. Parameter Code:	GAS	2. Pollutant(s):	N/A
3. CMS Requirement:	[<input checked="" type="checkbox"/>] Rule [<input type="checkbox"/>] Other		
4. Monitor Information:	Manufacturer: BAILEY Model Number: B075221 DAHS VER 3.1.4 Serial Number: 174432		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/18/95		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 6/7 of 7

1. Parameter Code:	OILM-Mass Oil Flow	2. Pollutant(s):	N/A
3. CMS Requirement:	[<input checked="" type="checkbox"/>] Rule [<input type="checkbox"/>] Other		
4. Monitor Information:	Manufacturer: HALIBURTON Model Number: EZ-IN SERIES DAHS VER 3.1.4 Serial Number: 1.5SBF-9653		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	1/18/95		
7. Continuous Monitor Comment (limit to 200 characters):			

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System: Continuous Monitor 7/ of 7

1. Parameter Code: OILM-Mass Oil Flow	2. Pollutant(s): N/A
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: HALIBURTON Model Number: EZ-IN SERIES DAHS VER 3.1.4 Serial Number: 1.5SBF-9654	
5. Installation Date: 7/9/94	
6. Performance Specification Test Date: 1/18/95	
7. Continuous Monitor Comment (limit to 200 characters):	

Continuous Monitoring System: Continuous Monitor of

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

Plant Name (from Step 1)
Southside

Unit Short Name, Stack or Pipe Description

SS5

NADB Boiler, Stack or Pipe ID#

5

STEP 2

Complete Table B for the unit or stack identified in Part 1, using the codes at the bottom of the columns when appropriate

naABLE B: MONITORING SYSTEMS/ANALYTICAL COMPONENTS

SYSTEM				ANALYTICAL COMPONENTS AND DAHS SOFTWARE					
(1) Status	(2) System ID#	(3) Parameter Monitored	(4) Primary/Backup	(5) Component Type	(6) Component ID#	(7) Sample Acquisition Method	(8) Manufacturer	(9) Model or Version	(10) Serial #
C	510	NO _x	P	DAHS	501		KVB	DAHS VER 3.1.4	10014004
U	510	NO _x	P	CO2	503	DIN	TECO	41H	41H-48396-280
U	510	NO _x	P	NOX	513	DIN	TECO	42D	42D-48010-279
C	530	NO _x	RB	DAHS	501		KVB	DAHS VER 3.1.4	10014004
U	530	NO _x	RB	CO2	523	DIN	TECO	41H	41H-47841-279
U	530	NO _x	RB	NOX	533	DIN	TECO	42D	42D-47988-279
C	540	OP	P	DAHS	501		KVB	DAHS VER 3.1.4	10014004
U	540	OP	P	OP	543	ISC	TECO	400B	400B-48893-B70/282
C	550	OP	P	DAHS	501		KVB	DAHS VER 3.1.4	10014004
U	550	OP	P	OP	553	ISC	TECO	400B	400B-48892-B70/282
C	560	GAS	P	DAHS	501		KVB	DAHS VER 3.1.4	10014004
U	560	GAS	P	GFFM	563	UR	BAILEY	B075221	174432
C	570	OILM	P	DAHS	501		KVB	DAHS VER 3.1.4	10014004
C	570	OILM	P	OFFM	573	TUR	HALIBURTON	EZ-IN SERIES	1.5SBF-9653
C	570	OILM	P	OFFM	575	TUR	HALIBURTON	EZ-IN SERIES	1.5SBF-9654

(1)
A - Add
C - Correct
D - Delete
U - Unchanged

(3)
CO2
SO2
NOx
FLOW
OP - Opacity
OILM - Mass Oil Flow
OILV - Volumetric Oil Flow
GAS
SOI - SO2 Inlet
SOO - SO2 Outlet

(4)
P - Primary
B - Backup
RB - Redundant Backup
RM - Reference Method Backup
DB - Data Backup

(5)
DAHS
CO2
SO2
NOx
O2
H2O
FLOW
OP - Opacity
PRB - Probe
PLC
Fuel Flowmeter Component Types
GFFM - Gas Fuel Flow Meter
OFFM - Oil Fuel Flow Meter
DP - Differential Pressure
PRES - Pressure
TEMP - Temperature
GCH - Gas Chromatograph

(7)
Concentration/Diluent
IS - In Situ
ISP - Point/Path In Situ
ISC - Cross Stack In Situ
DIL - Dilution
DIN - Dilution in Stack
DOU - Dilution Out-of-Stack
EXT - Extractive

Volumetric Flow
DP - Diff. Pressure
U - Ultrasonic
T - Thermal
O - Other

Fuel Flowmeter
UR - Orifice
NOZ - Nozzle
VEN - Venturi
U - Ultrasonic
VTX - Vortex
PDP - Positive Displacement
COR - Coreolis
TUR - Turbine
O - Other (see instructions)

Date 4/30/96

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:					
PM	<input type="checkbox"/>	C	<input type="checkbox"/>	E	<input checked="" type="checkbox"/> Unknown
SO2	<input type="checkbox"/>	C	<input type="checkbox"/>	E	<input checked="" type="checkbox"/> Unknown
NO2	<input type="checkbox"/>	C	<input type="checkbox"/>	E	<input checked="" type="checkbox"/> Unknown
4. Baseline Emissions:					
PM	600	lb/hour	821	tons/year	
SO2	1650	lb/hour	7227	tons/year	
NO2			2890	tons/year	
5. PSD Comment (limit to 200 characters):					
Baseline using allowable (AP-42) for NOx emissions					

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1. Process Flow Diagram [XX] Attached, Document ID: <u>#3</u> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [XX] Attached, Document ID: <u>#11</u> [] Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment [XX] Attached, Document ID: <u>#12</u> [] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [XX] Attached, Document ID: <u>#10</u> [] Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [X] Previously submitted, Date: <u>1/95</u> [] Not Applicable
6. Procedures for Startup and Shutdown [XX] Attached, Document ID: <u>#13</u> [] Not Applicable
7. Operation and Maintenance Plan [XX] Attached, Document ID: <u>#13</u> [] Not Applicable
8. Supplemental Information for Construction Permit Application [] Attached, Document ID: _____ [XX] Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [XX] Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation [<input checked="" type="checkbox"/>] Attached, Document ID: <u>#8</u> [<input type="checkbox"/>] Not Applicable
11. Alternative Modes of Operation (Emissions Trading) [<input type="checkbox"/>] Attached, Document ID: _____ [<input checked="" type="checkbox"/>] Not Applicable
12. Identification of Additional Applicable Requirements [<input type="checkbox"/>] Attached, Document ID: _____ [<input checked="" type="checkbox"/>] Not Applicable
13. Compliance Assurance Monitoring Plan [<input type="checkbox"/>] Attached, Document ID: _____ [<input checked="" type="checkbox"/>] Not Applicable
14. Acid Rain Application (Hard-copy Required) [<input checked="" type="checkbox"/>] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: <u>#14</u> [<input type="checkbox"/>] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ [<input type="checkbox"/>] New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ [<input type="checkbox"/>] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ [<input type="checkbox"/>] Not Applicable

To be submitted
when required

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Auxiliary Boiler		
2. Emissions Unit Identification Number: [] No Corresponding ID [XX] Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [] Yes [XX] No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): 		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters): N/A
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	unknown		
2. Long-term Reserve Shutdown Date:	N/A		
3. Package Unit:			
Manufacturer:	N/A	Model Number:	
4. Generator Nameplate Rating:	N/A	MW	
5. Incinerator Information:			
Dwell Temperature:		°F	
Dwell Time:	N/A	seconds	
Incinerator Afterburner Temperature:		°F	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	#2	21.0	mmBtu/hr
	Natural Gas	21.0	
2. Maximum Incineration Rate:	N/A	lb/hr	tons/day
3. Maximum Process or Throughput Rate:	N/A		
4. Maximum Production Rate:	N/A		
5. Operating Capacity Comment (limit to 200 characters):			

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
24	hours/day	7	days/week
52	weeks/year	8760	hours/year

Emissions Unit Information Section 3 of 4

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

N/A

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

See attached rule summary	

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Part 60 - EPA Regulations on Standards of Performance for New Stationary Sources						
Subpart A - General Provisions						
60.7	Notification and record keeping.		X			Unit
60.8	Performance tests.		X			Unit
60.11	Compliance with standards and maintenance requirements.		X			Unit
60.12	Circumvention.		X			Unit
60.13	Monitoring requirements.		X			Unit
60.19	General notifications and reporting requirements.		X			Unit
Subpart D - Standards of Performance for Fossil-Fuel Fired Steam Generators for Which Construction is Commenced After August 17, 1971						
60.42	Standard for particulate matter.			X		Unit
60.43	Standard for sulfur dioxide.			X		Unit
60.44	Standard for nitrogen oxides.			X		Unit
60.45	Emission and fuel monitoring.			X		Unit
60.46	Test methods and procedures.			X		Unit
Subpart Da - Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978						
60.42a	Standard for particulate matter.			X		Unit
60.43a	Standard for sulfur dioxide.			X		Unit
60.44a	Standard for nitrogen oxides.			X		Unit
60.45a	Commercial demonstration permit.			X		Unit
60.46a	Compliance provisions.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.47a	Emission monitoring.			X		Unit
60.48a	Compliance determination procedures and methods.			X		Unit
60.49a	Reporting requirements.			X		Unit
Subpart Db — Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units						
60.42b	Standard for sulfur dioxide.			X		Unit
60.43b	Standard for particulate matter.			X		Unit
60.44b	Standard for nitrogen oxides.			X		Unit
60.45b	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.46b	Compliance and performance test methods and procedures for particulate matter and nitrogen oxides.			X		Unit
60.47b	Emission monitoring for sulfur dioxide.			X		Unit
60.48b	Emission monitoring for particulate matter and nitrogen oxides.			X		Unit
60.49b	Reporting and recordkeeping.			X		Unit
Subpart Dc — Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units						
N60.42c	Standard for sulfur dioxide.			X		Unit
60.43c	Standard for particulate matter.			X		Unit
60.44c	Compliance and performance test methods and procedures for sulfur dioxide.			X		Unit
60.45c	Compliance and performance test methods and procedures for particulate matter.			X		Unit
60.46c	Emission monitoring for sulfur dioxide.			X		Unit
60.47c	Emission monitoring for particulate matter.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.48c	Reporting and recordkeeping.			X		Unit
Subpart K — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978						
60.112	Standard for volatile organic compounds (VOC).			X		Unit
60.113	Monitoring of operations.			X		Unit
Subpart Ka — Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984						
60.112a	Standard for volatile organic compounds (VOC).			X		Unit
60.113a	Testing and procedures.			X		Unit
60.114a	Alternative means of emission limitations.			X		Unit
60.115a	Monitoring of operations.			X		Unit
Subpart Kb — Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984						
60.112b	Standard for volatile organic compounds (VOC).			X		Unit
60.113b	Testing and procedures.			X		Unit
60.114b	Alternative means of emission limitations.			X		Unit
60.115b	Recordkeeping and reporting requirements.			X		Unit
60.116b	Monitoring of operations.			X		Unit
Subpart Y — Standards of Performance for Coal Preparation Plants						
60.252	Standard for particulate matter.			X		Unit
60.253	Monitoring of operations.			X		Unit
60.254	Test methods and procedures.			X		Unit
Subpart GG — Standards of Performance for Stationary Gas Turbines						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
60.332	Standard for nitrogen oxides.			X		Unit
60.333	Standard for sulfur dioxide.			X		Unit
60.334	Monitoring of operations.			X		Unit
60.335	Test methods and procedures.			X		Unit
Subpart 000 – Standards of Performance for Nonmetallic Mineral Processing Plants						
60.672	Standard for Particulate Matter.			X		Unit
60.674	Monitoring of Operations.			X		Unit
60.676	Reporting and Recordkeeping.			X		Unit
Part 61 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants						
Subpart A – General Provisions						
61.05	Prohibited Activities.			X		
61.09	Notification of Startup.			X		
61.10	Source Reporting and Request for Waiver of Compliance.			X		
61.11	Waiver of Compliance.			X		
61.12	Compliance with Standards and Maintenance Requirements.			X		
61.13	Emission Tests and Waiver of Emission Tests.			X		
61.14	Monitoring Requirements.			X		
61.19	Circumvention.			X		
Subpart M – National Emission Standards for Asbestos						Facility
Appendix C to Part 61 – Quality Assurance Procedures						Facility
Part 63 - EPA Regulations on National Emission Standards for Hazardous Air Pollutants for Source Categories						
Subpart A – General Provisions						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
63.4	Prohibited Activities and Circumvention.			X		Unit
63.6	Compliance with Standards and Maintenance Requirements.			X		Unit
63.7	Performance Testing Requirements.			X		Unit
63.8	Monitoring Requirements.			X		Unit
63.9	Notification Requirements.			X		Unit
63.10	Reporting and Recordkeeping Requirements.			X		Unit
63.11	Control Device Requirements.			X		Unit
Subpart Q — National Emission Standards for Industrial Process Cooling Towers						
63.402	Standard.			X		Unit
63.403	Compliance Dates.			X		Unit
63.404	Compliance Demonstrations.			X		Unit
63.405	Notification Requirements.			X		Unit
63.406	Recordkeeping and Reporting Requirements.			X		Unit
Subpart T — National Emission Standards for Halogenated Solvent Cleaning						
63.462	Batch Cold Cleaning Machine Standards.			X		Unit
63.463	Batch Vapor and In-Line Cleaning Machine Standards.			X		Unit
63.464	Alternative Standards.			X		Unit
63.465	Test Methods.			X		Unit
63.466	Monitoring Procedures.			X		Unit
63.467	Recordkeeping Requirements.			X		Unit
63.468	Reporting Requirements.			X		Unit
Part 72 - EPA Acid Rain Program Permits						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart A – General Provisions						
72.7	New Units Exemption.			X		Unit
72.8	Retired Units Exemption.			X		Unit
72.9	Standard Requirements.			X		Unit
Subpart B – Designated Representative						
72.20	Authorization and Responsibilities of the Designated Representative			X		Unit
72.21	Submissions.			X		Unit
72.22	Alternate Designated Representative.			X		Unit
72.23	Changing the Designated Representative, Alternate Designated Representative; Changes in the Owners and Operators.			X		Unit
Subpart C – Acid Rain Applications						
72.30	Requirements to Apply.			X		Unit
72.32	Permit Applications Shield and Binding Effect of Permit Application.			X		Unit
72.33	Identification of Dispatch System.			X		Unit
Subpart D – Acid Rain Compliance Plan and Compliance Options						
72.40	General.			X		Unit
72.41	Phase I Substitution Plans.			X		Unit
72.42	Phase I Extension Plans.			X		Unit
72.43	Phase I Reduced Utilization Plans.			X		Unit
72.44	Phase II Repowering Extensions.			X		Unit
Subpart E – Acid Rain Permit Contents						
72.51	Permit Shield.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Subpart I - Compliance Certification						
72.90	Annual Compliance Certification Report.			X		Unit
72.91	Phase I Unit Adjusted Utilization.			X		Unit
72.92	Phase I Unit Allowance Surrender.			X		Unit
72.93	Units with Phase I Extension Plans.			X		Unit
72.94	Units with Repowering Extension Plans.			X		Unit
Part 73 - EPA Acid Rain Program Sulfur Dioxide Allowance System						
Subpart C -- Allowance Tracking System						
73.35	Compliance.			X		Unit
Part 75 - EPA Acid Rain Program For Continuous Emission Monitoring						
Subpart A -- General						
75.4	Compliance Dates.			X		Unit
75.5	Prohibitions.			X		Unit
Subpart B -- Monitoring Provisions						
75.10	General Operating Requirements.			X		Unit
75.11	Specific Provisions for Monitoring SO ₂ Emissions (SO ₂ and Flow Monitors).			X		Unit
75.12	Specific Provisions for Monitoring NO _x Emissions (NO _x and Diluent Gas Monitors).			X		Unit
75.13	Specific Provisions for Monitoring CO ₂ Emissions.			X		Unit
75.14	Specific Provisions for Monitoring Opacity.			X		Unit
75.15	Specific Provisions for Monitoring SO ₂ Emissions Removal by Qualifying Phase I Technology.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.16	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for SO ₂ Emissions and Heat Input Determinations.			X		Unit
75.17	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for NO _x Emission Rate.			X		Unit
75.18	Specific Provisions for Monitoring Emissions from Common, By-Pass, and Multiple Stacks for Opacity.			X		Unit
Subpart C — Operation and Maintenance Requirements						
75.20	Certification and Recertification Procedures.			X		Unit
75.21	Quality Assurance and Quality Control Requirements.			X		Unit
75.22	Reference Test Methods.			X		Unit
75.24	Out-of-Control Periods.			X		Unit
Subpart D — Missing Data Substitution Procedures						
75.30	General Provisions.			X		Unit
75.31	Initial Missing Data Procedures.			X		Unit
75.32	Determination of Monitor Data Availability for Standard Missing Data Procedures.			X		Unit
75.33	Standard Missing Data Procedures.			X		Unit
75.34	Units with Add-On Emission Controls.			X		Unit
Subpart E — Alternative Monitoring Systems						
75.40	General Demonstration Requirements.			X		Unit
75.41	Precision Criteria.			X		Unit
75.42	Reliability Criteria.			X		Unit
75.43	Accessibility Criteria.			X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
75.44	Timeliness Criteria.			X		Unit
75.45	Daily Quality Assurance Criteria.			X		Unit
75.46	Missing Data Substitution Criteria.			X		Unit
75.47	Criteria for a Class of Affected Units.			X		Unit
75.48	Petition for an Alternative Monitoring System.			X		Unit
Subpart F — Recordkeeping Requirements						
75.50	General Recordkeeping Provisions.			X		Unit
75.51	General Recordkeeping Provisions for Specific Situations.			X		Unit
75.52	Certification, Quality Assurance, and Quality Control Record Provisions.			X		Unit
75.53	Monitoring Plan.			X		Unit
Subpart G — Reporting Requirements						
75.60	General Provisions.			X		Unit
75.61	Notification of Certification and Recertification Test Dates.			X		Unit
75.62	Monitoring Plan.			X		Unit
75.63	Certification or Recertification Applications.			X		Unit
75.64	Quarterly Reports.			X		Unit
75.65	Opacity Reports.			X		Unit
Appendix A to Part 75 — Specifications and Test Procedures				X		Unit
Appendix B to Part 75 — Quality Assurance and Quality Control Procedures				X		Unit
Appendix C to Part 75 — Missing Data Statistical Estimation Procedures				X		Unit

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Appendix D to Part 75 – Optional SO ₂ Emissions Data Protocol for Gas-Fired Units and Oil-Fired Units				X		Unit
Appendix E to Part 75 – Optional NO _x Emissions Estimation Protocol for Gas-Fired Peaking Units and Oil-Fired Peaking Units				X		Unit
EPA Part 76 - Acid Rain Nitrogen Oxides Emission Reduction Program						
76.5	NO _x Emission Limitations for Group I Boilers.			X		Unit
76.8	Early Election for Group I, Phase II Boilers.			X		Unit
76.9	Permit Applications and Compliance Plans.			X		Unit
76.10	Alternative Emission Limitations.			X		Unit
76.11	Emissions Averaging.			X		Unit
76.12	Phase I NO _x Compliance Extensions.			X		Unit
76.14	Monitoring, Recordkeeping, and Reporting.			X		Unit
76.15	Test Methods and Procedures.			X		Unit
EPA Part 82 - Protection Of Stratospheric Ozone						
Subpart B - Servicing of Motor Vehicle Air Conditioners			NOTE: REGULATED BY STATE			
82.34	Prohibitions.			X		Facility
82.36	Approved refrigerant recycling equipment.			X		Facility
82.38	Approved independent standards testing organizations.			X		Facility
82.40	Technician training and certification.			X		Facility
82.42	Certification, recordkeeping and public notification requirements.			X		Facility
Subpart F - Recycling and Emissions Reduction						

EPA Rule	EPA Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
82.154	Prohibitions.			X		Facility
82.156	Required practice.			X		Facility
82.158	Standards for recycling and recovery equipment.			X		Facility
82.160	Approved equipment testing organizations.			X		Facility
82.161	Technician certification.			X		Facility
82.162	Certification by owners of recovery and recycling equipment.			X		Facility
82.164	Reclaimer certification.			X		Facility
82.166(k)	Reporting and recordkeeping requirements for owners/operators.			X		Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
Chapter 62-4 Permits						
62-4.030	General Prohibition.			X	State Only	Facility
62-4.100	Suspension and Revocation.			X	State Only	Facility
62-4.130	Plant Operation - Problems.			X	State Only	Facility
Chapter 62-204 State Implementation Plan						
62-204.800	Standards of Performance for New Stationary Sources (NSPS) (see 40 CFR 60 list for subsections).					
	(7) Standards Adopted.			X	State only.	Unit
	(b) The following Standards of Performance for New Stationary Sources contained in 40 CFR 60, revised as of July 1, 1994, or later as specifically indicated.			X	State only.	Unit
	1. 40 CFR 60.40 Subpart D, Fossil-fuel-fired Steam Generators for which Construction is Commenced after August 17, 1971.			X	State only.	Unit
	2. 40 CFR 60.40a Subpart Da, Electric Utility Steam Generators for which Construction is Commenced after September 18, 1978.			X	State only.	Unit
	3. 40 CFR 60.40b Subpart Db, Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	4. 40 CFR 60.40c Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units.			X	State only.	Unit
	12. 40 CFR 60.110 Subpart K, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.			X	State only.	Unit
	13. 40 CFR 60.110a Subpart Ka, Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800	14. 40 CFR 60.110b Subpart Kb, Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.			X	State only.	Unit
	29. 40 CFR 60.250 Subpart Y, Coal Preparation Plants.			X	State only.	Unit
	37. 40 CFR 60.330 Subpart GG, Stationary Gas Turbines.			X	State only.	Unit
	62. 40 CFR 60.670 Subpart OOO, Non-Metallic Mineral Processing Plants.			X	State only.	Unit
62-204.800(7)	(c) The Standards of Performance for New Stationary Sources adopted by reference in this section shall be controlling over other standards in this chapter except that any emissions limiting standard contained in or determined pursuant to this chapter which is more stringent than one contained in a Standard of Performance, or which regulates emissions of pollutants or emissions units not regulated by an applicable Standard of Performance, shall apply.			X	State only.	Unit
	(7)(d) General Provisions Adopted.			X	State only.	Unit
	(7)(e) Appendices Adopted. The following appendices of 40 CFR Part 60, revised as of July 1, 1994 or later as specifically indicated, are adopted and incorporated by reference.			X	State only.	Unit
	1. 40 CFR 60 Appendix A, Test Methods, are adopted by reference.			X	State only.	Unit
	2. 40 CFR 60 Appendix B, Performance Specifications.			X	State only.	Unit
	3. 40 CFR 60 Appendix C, Determination of Emission Rate Change.			X	State only.	Unit
	5. 40 CFR 60 Appendix F, Quality Assurance Procedures.			X	State only.	Unit
62-204.800(8)	National Emission Standards for Hazardous Air Pollutants (NESHAPs).					
	(8) Standards Adopted.			X	State only.	Unit
	(b)8. 40 CFR Part 61 Subpart M Asbestos.			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800(8)	(d) General Provisions Adopted. The general provisions of 40 CFR Part 61 Subpart A, revised July 1, 1994, are adopted and incorporated by reference except 40 CFR 61.04, 40 CFR 61.08, 40 CFR 61.11, and 40 CFR 61.18.			X	State only.	Unit
62-204.800(9)	National Emission Standards for Hazardous Air Pollutants (NESHAP) - Part 63					
	(9) Standards Adopted.			X	State only.	Unit
	(b) 40 CFR 63 Subpart Q Chromium Emissions from Industrial Process Cooling Towers*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(a) 40 CFR 63 Subpart T Halogenated Solvent Cleaning*			X	State only. *This regulation was proposed for incorporation in the FAW on March 8, 1996; not yet "effective" on state level.	Unit
	(d) General Subparts Adopted.			X	State only.	Unit
	1. 40 CFR 63 Subpart A, General Provisions			X	State only.	Unit
	2. 40 CFR 63 Subpart B, Equivalent Emission Limitation by Permit (112(j))			X	State only.	Unit
	4. 40 CFR 63 Subpart D, Compliance Extensions for Early Reductions			X	State only.	Unit
62-204.800 (11)	Adoption of 40 CFR 70, Federal Title V Rule		X		State only.	Facility
62-204.800 (12)	Adoption of 40 CFR 72, Federal Acid Rain Program			X	State only.	Unit
62-204.800 (13)	Adoption of 40 CFR 73, SO2 Allowance System			X	State only.	Unit
62-204.800 (14)	Adoption of 40 CFR 75, CEMS			X	State only.	Unit
62-204.800 (15)	Adoption of 40 CFR 76, Acid Rain Nox Requirement			X	State only.	Unit
62-204.800 (16)	Adoption of 40 CFR 77, Acid Rain Excess Emissions			X	State only.	Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-204.800 (19)	Adoption of 40 CFR 82, Stratospheric Ozone			X	State only.	Unit
Chapter 62-210 Stationary Sources – General Requirements						
62-210.300	Permits Required.					
	(2) Air Operation Permits.			X		Facility
	(3)(a) Exemptions - #1-29.			X		Facility
	(3)(b) Temporary Exemptions.			X		Facility
62-210.300	(5) Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.			X		Facility
	(a) The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.			X		Facility
	(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.			X		Facility
62-210.370	Reports.					
	(1) Notification of Intent to Relocate Air Pollutant Emitting Facility.			X		Unit
	(3) Annual Operating Report for Air Pollutant Emitting Facility.			X		Facility
62-210.650	Circumvention.		X			Unit
62-210.700	Excess Emissions.		X			Unit
62-210.900	Forms and Instructions.			X		Facility
	(5) Annual Operating Reports			X		Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
Chapter 62-213 Operation Permits for Major Sources of Air Pollution						
62-213.205	Annual Emissions Fee.			X		Facility
62-213.400	Permits and Permit Revisions Required.			X		Facility
62-213.410	Changes Without Permit Revision.			X		Facility
62-213.415	Trading of Emissions Within a Source.			X		Unit/Facility
62-213.460	Permit Shield.			X		Facility
Chapter 62-214 Requirements for Sources Subject to the Federal Acid Rain Program						
62-214.300	Applicability.			X		Unit
62-214.340	Exemptions.					
	(5) The owners and operators of each unit . . .			X		Unit
	(6) A new unit shall no longer be exempted . . .			X		Unit
	(7) A retired unit shall no longer be exempted . . .			X		Unit
62-214.350	Certification.			X		Unit
62-214.430	Implementation and Termination of Compliance Options. Procedures for activation and termination of compliance options.					
	(1) Activation.			X		Unit
	(2) Termination.			X		Unit
Chapter 62-252 Gasoline Vapor Control						
62-252.300	Gasoline Dispensing Facilities - Stage I Vapor Recovery.					
	(2) Prohibition.			X		
	(3) Control Technology Requirements.			X		
	(4) Compliance Schedule.			X	State Only	
62-252.400	Gasoline Dispensing Facilities - Stage II Vapor Recovery.					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(2) Prohibition.			X	State Only	
	(3) Control Technology Requirements.			X	State Only	
	(4) Compliance Schedules.			X	State Only	
	(5) Testing.			X	State Only	
	(6) Recordkeeping.			X	State Only	
	(7) System Maintenance.			X	State Only	
62-252.400	(8) Training.			X	State Only	
62-252.500	Gasoline Tanker Trucks.					
	(2) Prohibitions.			X	State Only	
	(3) Leak Testing.			X	State Only	
Chapter 62-256 Open Burning and Frost Protection Fires						
62-256.300	Prohibitions.			X	State Only	Facility
62-256.450	Burning for Cold or Frost Protection.			X	State Only	Facility
62-256.500	Land Clearing.			X	State Only	Facility
62-256.600	Industrial, Commercial, Municipal, and Research Open Burning.			X	State Only	Facility
62-256.700	Open Burning Allowed.			X	State Only	Facility
Chapter 62-257 Asbestos Removal						
62-257.301	Notification Procedure and Fee.			X	State Only	Facility
62-257.400	Fee Schedule.			X	State Only	Facility
62-257.900	Form.			X	State Only	Facility
Chapter 62-281 Motor Vehicle Air Conditioning Refrigerant Recovery and Recycling.						
62-281.300	Applicability.			X	State Only	Facility
62-281.400	Compliance Requirements.			X	State Only	Facility

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-281.500	Establishment Certification.					
	(1) Initial Certification.			X	State Only	Facility
	(2) Renewal Certification.			X	State Only	Facility
	(3) Fees.			X	State Only	Facility
	(4) Certificate of Compliance.			X	State Only	Facility
62-281.600	Training Requirements.			X	State Only	Facility
62-281.700	Equipment Certification.			X	State Only	Facility
62-281.900	Forms.			X	State Only	Facility
Chapter 62-296 Stationary Sources – Emission Standards						
62-296.320	General Pollutant Emission Limiting Standards.					
	(1) Volatile organic compounds emissions or organic solvents emissions.			X		Facility
	(2) Objectionable Odor Prohibited.			X		Facility
	(3) Open Burning.			X	State Only	
	(4)(a) Process Weight Table.			X		Unit
	(4)(b) General Visible Emissions Standard.			X		Facility
	(4)(c) Unconfined Emissions of Particulate Matter.			X		Facility
62-296.405	Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input.					
	(1) Existing Emissions Units.					
	(a) Visible emissions.		X			Unit
	(b) Particulate Matter - 0.1 pound per million Btu heat input, as measured by applicable compliance methods.		X			Unit
	(c) Sulfur Dioxide, as measured by applicable compliance methods.		X			Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	1. Sources burning liquid fuel.		X			Unit
	2. Sources burning solid fuel.			X		Unit
	3. Owners of fossil fuel steam generators shall monitor their emissions and the effects of the emissions on ambient concentrations of sulfur dioxide, in a manner, frequency, and locations approved, and deemed reasonably necessary and ordered by the Department.		X			Unit
	(d) Nitrogen Oxides (expressed as NO _x).			X		Unit
62-296.405	(e) Test Methods and Procedures.		X		Presumably federally enforceable, but cannot be confirmed at this time.	Unit
	(f) Continuous Emissions Monitoring Requirements.			X		Unit
	(g) Quarterly Reporting Requirements.			X		Unit
	(2) New Emissions Units.					
	(a) Visible Emissions - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(b) Particulate Matter - See Rule 62-204.800(7) and 40 CFR 60.42 and 60.42a			X		Unit
	(c) Sulfur Dioxide - See Rule 62-204.800(7) and 40 CFR 60.43 and 60.43a			X		Unit
	(d) Nitrogen Oxides - See Rule 62-204.800(7) and 40 CFR 60.44 and 60.44a			X		Unit
62-296.406	Fossil Fuel Steam Generators with Less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units.					
	(1) Visible Emissions			X		Unit
	(2) Particulate Matter - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit
	(3) Sulfur Dioxide - Best available control technology in accordance with Rule 62-210.200(40)			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
62-296.500	Reasonably Available Control Technology (RACT) - Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO _x) Emitting Facilities.					
	(1) Applicability.			X		Unit
	(2) Permit, Recordkeeping, and Compliance Reporting Requirements.			X		Unit
	(a) Permits - Special Considerations.			X		Unit
	(b) Recordkeeping.			X		Unit
62-296.500	(c) Reporting.			X		Unit
	(3) Exceptions.			X		Unit
	(4) Consideration of Exempt Solvents			X		Unit
	(5) Compliance may be demonstrated for surface coating and graphic arts facilities on a 24-hour weighted average basis for a single source point with a single emission limit.			X		Unit
62-296.508	Petroleum Liquid Storage					
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.511	Solvent Metal Cleaning.					
	(1) Applicability.			X		Unit
	(2) Cold Cleaning Control Technology.			X		Unit
	(3) Open Top Vapor Degreaser Control Technology.			X		Unit
	(4) Conveyorized Degreaser Control Technology.			X		Unit
	(5) Test Methods and Procedures.			X	* 8-hr test requirement not in SIP.	Unit
62-296.516	Petroleum Liquid Storage Tanks with External Floating Roofs					

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(1) Applicability.			X		Unit
	(2) Control Technology.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
62-296.570	Reasonably Available Control Technology (RACT) - Requirements for Major VOC- and NO _x - Emitting Facilities.					
	(1) Applicability.			X	State Only	Unit
	(2) Compliance Requirements.			X	State Only	Unit
62-296.570	(3) Operation Permit Requirements.			X	State Only	Unit
	(4) RACT Emission Limiting Standards.			X	State Only	Unit
	(a) Compliance Dates and Monitoring.			X	State Only	Unit
	(b) Emission Limiting Standards.			X	State Only	Unit
	(c) Exception for Startup, Shutdown or Malfunction.			X	State Only	Unit
62-296.700	Reasonably Available Control Technology (RACT) Particulate Matter.					
	(1) Applicability.			X		Unit
	(2) Exemptions.			X		Unit
	(3) Specific RACT Emission Limiting Standards for Stationary Emissions Units.			X		Unit
	(4) Maximum Allowable Emission Rates.			X		Unit
	(a) Emissions Unit Data.			X		Unit
	(b) Maximum Emission Rates.			X		Unit
	(5) Circumvention.			X		Unit
	(6) Operation and Maintenance Plan.			X		Unit
	(a) Air Pollution Control Devices and Collection Systems.			X		Unit
	(b) Control Equipment Data.			X		Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Processing or Materials Handling Systems.			X		Unit
	(d) Fossil Fuel Steam Generators.			X		Unit
62-296.702	Fossil Fuel Steam Generators.					
	(1) Applicability.		X			Unit
	(2) Emission Limitations.		X			Unit
	(a) Particulate Matter - 0.10 lb/mmBtu		X			Unit
62-296.711	(b) Visible Emissions - 20% opacity.		X			Unit
	(3) Test Methods and Procedures.		X			Unit
	Materials Handling, Sizing, Screening, Crushing and Grinding Operations.					
	(1) Applicability			X		Unit
	(2) Emission Limitations.			X		Unit
	(3) Test Methods and Procedures.			X		Unit
Chapter 62-297 Stationary Sources – Emission Monitoring						
62-297.310	General Test Requirements.			X		Unit
	(1) Required Number of Test Runs			X		Unit
	(2) Operating Rate During Testing			X		Unit
	(3) Calculation of Emission Rate			X		Unit
	(4) Applicable Test Procedures.			X		
	(a) Required Sampling Time.			X		Unit
	1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.			X		Unit
	2. Opacity Compliance Tests.		X			Unit

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(b) Minimum Sample Volume.			X		Unit
	(c) Required Flow Rate Range.			X		Unit
	(d) Calibration.			X		Unit
	(e) EPA Method 5.			X		Unit
	(5) Determination of Process Variables.			X		Unit
	(6) Required Stack Sampling Facilities					
	(a) Permanent Test Facilities.			X		Unit
	(b) Temporary Test Facilities.			X		Unit
	(c) Test Facilities.			X		Unit
62-297.310	1. Sampling Ports.			X		Unit
	(d) Work Platforms.			X		Unit
	(e) Access.			X		Unit
	(f) Electrical Power.			X		Unit
	(g) Sampling Equipment Support.			X		Unit
	(7) Frequency of Compliance Tests.					
	(a) General Compliance Testing.			X		Unit
	1. Compliance test requirement prior to obtaining operating permit.		X			
	2. Annual test requirement for excess PM emissions.			X		
	3. Annual test requirement prior to obtaining renewal permit.		X			
	4.(a) Annual VE test,		X			
	(b) Annual test for lead, acrylonitrile and other regulated pollutants.			X		

FDEP Rule	FDEP Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
	(c) Annual test for each NESHAP pollutant			X		
	5. No annual PM test required if burn no liquid and/or solid fuel for greater than 400 hrs/year.		X			
	6. Exemption from semi-annual PM test for steam generators.		X			
	7. Exemption from quarterly PM test for units not utilizing liquid and/or solid fuel for more than 100 hrs.		X			
	8. Five year VE test requirement for units that operate no more than 400 hrs/year.		X			
	9. Fifteen day advance notification requirement prior to test.		X			
	10. Compliance test exemption for exempt units and units utilizing a general permit.		X			
62-297.310	(b) Special Compliance Tests.			X		Unit
	(c) Waiver of Compliance Test Requirement.			X		Unit
	(8) Test Reports.		X			Unit

Additional Applicable Regulations
 Approved Local Program Ordinances and Rules Incorporated
 by Reference in Specific Operating Agreement
 with Florida Department of Environmental Protection

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Broward County Code</p>						
<p>Article IV - Air Pollution</p>						
27-173	(excluding (b)) - General prohibitions			X		Facility
27-174	Exemptions			X		Facility
27-176	(b) Volatile Organic Compounds Emissions or Organic Solvents Emissions			X		
27-177	General particulate matter emission limiting standards			X		Facility
27-179	Specific emission limits and performance standards adopted from F.A.C. 62-296.400 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-180	Reasonably available control technology (RACT) 62-296.500 - Volatile organic compounds and nitrogen oxides (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-182	Standards of Performance for New Stationary Sources (NSPS) 62-204.800 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-183	National emission standards for hazardous air pollutants (NESHAP) 62-204.810 (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
27-184	(excluding (b), (c) & (e)) - Licenses required			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
27-187	Emissions estimates			X		Facility
27-188	(excluding (b), (c), (d), (f) & (j))- License fee schedules			X		Facility
27-189	Stationary sources - Emission sampling and monitoring (only to the extent that the underlying state rule is an applicable requirement)			X		Unit
Article IX - Open Burning						
27-283	(excluding (k)) - Prohibitions			X		Facility
27-284	Licenses and approvals required			X		Facility
27-285	Land-clearing open burning			X		Facility
27-286	Industrial, commercial, municipal, and research open burning			X		Facility
27-287	(excluding (d)(l)) - Other open burning allowed			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Duval County, City of Jacksonville - Title X. Environmental Affairs</p>						
<p>Chapter 360 - Environmental Regulation</p>						
<p>Part I - PUBLIC POLICY; GENERAL PROVISIONS</p>						
360.109	Entry on property			X		Facility
<p>PART III - COMPLIANCE PLANS</p>						
360.301	Compliance plans; compliance agreements			X		Facility
<p>PART V - LIABILITY; PUNITIVE DAMAGES; OTHER PROVISIONS</p>						
360.503	Activities pursuant to attainment plan or compliance plan			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Jacksonville Environmental Protection Board						
Final Rule with Respect to Organization Procedure and Practice - Rule 1						
Part IX - Board procedures - compliance plans						
1.902	Compliance plan			X		Facility
1.903	Compliance agreements			X		Facility
1.904	Compliance agreements embodying compliance plans			X		Facility
Air Pollution Control - Rule 2						
Part I - General Provisions						
2.104	Registration and Reports			X		Facility
2.105	Maintenance of Pollution Control Devices		X			Unit
2.106	General Restrictions			X		Facility
2.107	Air Pollution Prohibited			X		Facility
Part II - General Requirements						
2.201	Adoption of 62-210, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Facility
Part IV - Gasoline Vapor Control						
2.401	Adoption of 62-252, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Unit
2.402	Expanded Stage I Controls in Duval County			X		Unit
Part V - Open Burning and Frost Protection Fires						

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
2.501	Adoption of 62-256, F.A.C. (applies only to the extent that the underlying state rule is applicable)			X		Facility
Part IX - Stationary sources - Emission Standards						
2.901	Stationary Sources - Emission Standards (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
2.902	Asbestos Removal (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility
Part X - Stationary Sources - Emission Monitoring						
2.1001	Adoption of 62-197, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility/Unit
Part XI - Air Pollution Nuisance Rules						
2.1101	General Standards for Volatile Organic Compounds			X		Facility
2.1103	C.2., E - Air Pollution Nuisance			X		Facility
Part XII - Permits						
2.1201	Adoption of 62-4, F.A.C. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility
2.1202	Adoption of 62-213 (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Hillsborough County EPC Rules						
Chapter 1-3 - Air Pollution						
1-3.20	Circumvention Prohibited			X		Unit
1.3.21	(1) Permits Required			X		Facility
1.3.21	(3) Permits Required			X		Facility
1-3.22	Prohibitions			X		Facility
1-3.23	Necessary Precautions			X		Facility
1-3.25	Excess Emission			X		Facility
1-3.32	(2) Air Pollution Episodes			X		Facility
1-3.60	Emission Limiting and Performance Standards			X		Facility/Unit
1-3.61	Particulate Emissions			X		Unit
1-3.62	Visible Emissions			X		Facility
1-3.63 (c & d)	Specific Source Emissions			X		Unit
1-3.70	Source Sampling and Monitoring			X		Facility
Chapter 1-4 - Open Burning						
1-4.04	(excluding 4.) - Prohibitions			X		Facility
1-4.06	(excluding 1. & 4.a.) - Allowed burning (no written EPC authorization required)			X		Facility
1-4.07	Allowable burning (written EPC authorization required)			X		Facility
1-4.08 (5.,6.,7.,8.)	Administrative procedure and conditions for authorizations			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
1-4.09	(excluding 1.b) - Open burning requirements			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below.</p> <p>*Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Orange County Code</p>						
<p>Chapter 15 - Environment Control</p>						
15-34	Approval of plans, specifications, etc.			X		Facility
15-35	Operating Records			X		Facility
15-39*	Prohibited deposits, discharges			X		Facility
15-89	Air pollution sources; problems			X		Facility
15-90(a)(1)	Adoption of state rules by reference (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

Rule	Title	Facility Emission Unit Identification Number(s)	Applicable Requirement		Comments/Discussion	Potential Applicability
			Yes	No/NA		
<p>*This list includes only those applicable requirements typically associated with an electric power plant. For example, NSPS Subpart O for sewage treatment plants has not been included. If rules other than those listed herein apply to your source, they should be included in your source's application even if they are not listed below. *Please refer to HGSS's June 6, 1995 memorandum explaining how this list was developed and how applicable requirements should be addressed in an application.</p>						
<p>* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.</p>						
<p>*Palm Beach County Ordinance 78-5</p>						
Section 2	Adoption by Reference - all DEP rules adopted pursuant to Chapter 403, F.S. (applies only to the extent that the underlying state rule is an applicable requirement)			X		Facility

E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:		
AUX		
2. Emission Point Type Code:		
<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 <input type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):		
A single boiler serving a single stack.		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:		
5. Discharge Type Code:		
<input type="checkbox"/> D	<input type="checkbox"/> F	<input type="checkbox"/> H <input type="checkbox"/> P
<input type="checkbox"/> R	<input checked="" type="checkbox"/> V	<input type="checkbox"/> W
6. Stack Height:	unknown	feet
7. Exit Diameter:	unknown	feet
8. Exit Temperature:	unknown	°F

Emissions Unit Information Section 3 of 4

9. Actual Volumetric Flow Rate:	unknown	acfm
10. Percent Water Vapor :	N/A	%
11. Maximum Dry Standard Flow Rate:	N/A	dscfm
12. Nonstack Emission Point Height:	N/A	feet
13. Emission Point UTM Coordinates:		
Zone: 17	East (km): 437.640	North (km): 3353.820
14. Emission Point Comment (limit to 200 characters):		

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): #2 oil used in auxiliary boiler	
2. Source Classification Code (SCC): 2-01-001-01	
3. SCC Units: kgal	
4. Maximum Hourly Rate: 0.12 kgal/hr	5. Maximum Annual Rate: 1050 kgal/yr
6. Estimated Annual Activity Factor: N/A	
7. Maximum Percent Sulfur: 0.5%	8. Maximum Percent Ash: N/A
9. Million Btu per SCC Unit: 165 MBtu/kgal	
10. Segment Comment (limit to 200 characters): Max rates based on heat content of 165 MBtu/kgal Max rates vary with heat content.	

Emissions Unit Information Section 3 of 4

Segment Description and Rate: Segment 2 of 2

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Natural gas/LP gas used in auxiliary boiler.</p> <p><i>6-18-97 Delete burner + to disuse @ Bert Ginzza</i></p>	
<p>2. Source Classification Code (SCC): 1-01-006-01</p>	
<p>3. SCC Units: MCF</p>	
<p>4. Maximum Hourly Rate: 0.021 MCF/hr.</p>	<p>5. Maximum Annual Rate: 181 MCF/yr.</p>
<p>6. Estimated Annual Activity Factor: N/A</p>	
<p>7. Maximum Percent Sulfur: N/A</p>	<p>8. Maximum Percent Ash: N/A</p>
<p>9. Million Btu per SCC Unit: 1000 MBtu/MCF</p>	
<p>10. Segment Comment (limit to 200 characters):</p> <p>Max rates based on heat content of 1000 MBtu/MCF. Max rates vary with heat content.</p>	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
S02	N/A	N/A	EL
NOX	N/A	N/A	NS
CO	N/A	N/A	NS
PM	N/A	N/A	NS
VOC	N/A	N/A	NS

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted:			
	S02		
2. Total Percent Efficiency of Control:		N/A	%
3. Potential Emissions:		10.73 lb/hour	47.00 tons/year
4. Synthetically Limited?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:			
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 N/A _____ to _____ tons/year			
6. Emission Factor:			
Reference: See Appendix A			
7. Emissions Method Code:			
<input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5			
8. Calculation of Emissions (limit to 600 characters):			
511000 lbs/TBtu * 0.000021 TBtu/hr = 10.731 lbs/hr (47.00 tons/yr)			
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):			
Permitted Values			

Allowable Emissions (Pollutant identified on front of page)

A.

1. Basis for Allowable Emissions Code:	Rule
2. Future Effective Date of Allowable Emissions:	N/A
3. Requested Allowable Emissions and Units:	N/A
4. Equivalent Allowable Emissions:	10.73 lb/hour 47 tons/year
5. Method of Compliance (limit to 60 characters):	"As-received" fuel analysis
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	Compliance based on maintaing % sulfur at or below 0.5% as determined by "as received" fuel analysis.

B.

1. Basis for Allowable Emissions Code:	
2. Future Effective Date of Allowable Emissions:	
3. Requested Allowable Emissions and Units:	
4. Equivalent Allowable Emissions:	lb/hr tons/year
5. Method of Compliance (limit to 60 characters):	
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype:	VE		
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:	Normal Conditions: 15 %	Exceptional Conditions:	40 %
	Maximum Period of Excess Opacity Allowed:		2 min/hour
4. Method of Compliance:	ANNUAL VE USING EPA METHOD 9		
5. Visible Emissions Comment (limit to 200 characters):			

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype:			
2. Basis for Allowable Opacity:	<input type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:	Normal Conditions: %	Exceptional Conditions:	%
	Maximum Period of Excess Opacity Allowed:		min/hour
4. Method of Compliance:			
5. Visible Emissions Comment (limit to 200 characters):			

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Continuous Monitoring System: Continuous Monitor, 1 of 1

1. Parameter Code: N/A	2. Pollutant(s):
3. CMS Requirement: N/A	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: N/A Model Number:	Serial Number:
5. Installation Date: N/A	
6. Performance Specification Test Date:	N/A
7. Continuous Monitor Comment (limit to 200 characters):	

Continuous Monitoring System: Continuous Monitor of

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: Model Number:	Serial Number:
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section 3 of 4

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input type="checkbox"/> C	<input type="checkbox"/> E	<input checked="" type="checkbox"/> Unknown
SO2	<input type="checkbox"/> C	<input type="checkbox"/> E	<input checked="" type="checkbox"/> Unknown
NO2	<input type="checkbox"/> C	<input type="checkbox"/> E	<input checked="" type="checkbox"/> Unknown
4. Baseline Emissions:			
PM	N/A	lb/hour	tons/year
SO2		lb/hour	tons/year
NO2			tons/year
5. PSD Comment (limit to 200 characters):			
Aux. boiler operates only when other unit(s) shut down.			

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements for All Applications

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input checked="" type="checkbox"/> Attached, Document ID: #11 _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable Per FAC 62-297.340(1)(c)2 (400 hour exclusion rule)
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): group of fuel storage tanks		
2. Emissions Unit Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): 		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters): N/A
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):

N/A

2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):

N/A

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Details

1. Initial Startup Date:	N/A		
2. Long-term Reserve Shutdown Date:	N/A		
3. Package Unit:	N/A	Manufacturer:	Model Number:
4. Generator Nameplate Rating:	N/A	MW	
5. Incinerator Information:	Dwell Temperature:	N/A	°F
	Dwell Time:		seconds
	Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	N/A	mmBtu/hr
2. Maximum Incineration Rate:	N/A lb/hr	tons/day
3. Maximum Process or Throughput Rate:	N/A	
4. Maximum Production Rate:	N/A	
5. Operating Capacity Comment (limit to 200 characters):		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:			
24	hours/day	7	days/week
52	weeks/year	8760	hours/year

Emissions Unit Information Section 4 of 4

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

N/A

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

N/A	

E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:	
Fuel oil storage tank	
2. Emission Point Type Code:	
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):	
group of volatile organic liquid storage tanks.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:	
N/A	
5. Discharge Type Code:	
<input type="checkbox"/> D <input checked="" type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height:	feet
N/A	
7. Exit Diameter:	feet
N/A	
8. Exit Temperature:	°F
N/A	

Emissions Unit Information Section 4 of 4

9. Actual Volumetric Flow Rate:	N/A	acfm
10. Percent Water Vapor :	N/A	%
11. Maximum Dry Standard Flow Rate:	N/A	dscfm
12. Nonstack Emission Point Height:	N/A	feet
13. Emission Point UTM Coordinates:		
Zone: 17	East (km): 437.667	North (km): 3353.900
14. Emission Point Comment (limit to 200 characters):		

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 2

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Working loss (emissions related to thousand gallons throughput)</p>	
<p>2. Source Classification Code (SCC): 1-01-004-01 2-01-001-01</p>	
<p>3. SCC Units: kgal</p>	
<p>4. Maximum Hourly Rate: N/A</p>	<p>5. Maximum Annual Rate: N/A</p>
<p>6. Estimated Annual Activity Factor: 0.05</p>	
<p>7. Maximum Percent Sulfur: N/A</p>	<p>8. Maximum Percent Ash: N/A</p>
<p>9. Million Btu per SCC Unit: N/A</p>	
<p>10. Segment Comment (limit to 200 characters): See attached summary of tanks</p>	

Segment Description and Rate: Segment 2 of 2

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p style="padding-left: 40px;">Breathing loss (emissions related to thousand gallons storage capacity)</p>	
<p>2. Source Classification Code (SCC):</p> <p style="padding-left: 100px;">1-01-004-01 2-01-001-01</p>	
<p>3. SCC Units:</p> <p style="padding-left: 40px;">kgal</p>	
<p>4. Maximum Hourly Rate:</p> <p style="padding-left: 60px;">N/A</p>	<p>5. Maximum Annual Rate:</p> <p style="padding-left: 60px;">N/A</p>
<p>6. Estimated Annual Activity Factor:</p> <p style="padding-left: 60px;">0.05</p>	
<p>7. Maximum Percent Sulfur:</p> <p style="padding-left: 60px;">N/A</p>	<p>8. Maximum Percent Ash:</p> <p style="padding-left: 60px;">N/A</p>
<p>9. Million Btu per SCC Unit:</p> <p style="padding-left: 60px;">N/A</p>	
<p>10. Segment Comment (limit to 200 characters):</p> <p style="padding-left: 40px;">See attached summary of tanks</p>	

DEP JEA Tank # Volume-gals
9 10

SGS	JEA Tank #	Description	Volume-gals
SGS	1	Bunker C	2,940,000
SGS	10	Lube Oil Stg-unit 5	10,000
SGS	11	Mnl Oil Static Tnk	6,600
SGS	12	Mineral Acid	10,000
SGS	2	Bunker C	2,940,000
	2		
SGS	3	Bunker C	3,234,000
	3		
SGS	4	Bunker C	4,578,000
	4		
	4		
SGS	5	Diesel- Aux Boiler	2,000
SGS	6	Bnkr C Calibrtn	42,000
SGS	7	Mag Ox	16,000
SGS	8	Lube Oil - unit 1/2	3,300
	8		
SGS	9	Lube Oil Stg -u3/4	4,800
	9		
SGS	13	Caustic	10,000
SGS	14	Hypo	12,000
	14		
SGS	14	Hypo	10,000
	14		
SGS	16	Hypo	6,000
SGS	15	Sodium BiSulfite	3,900

Tanks permit

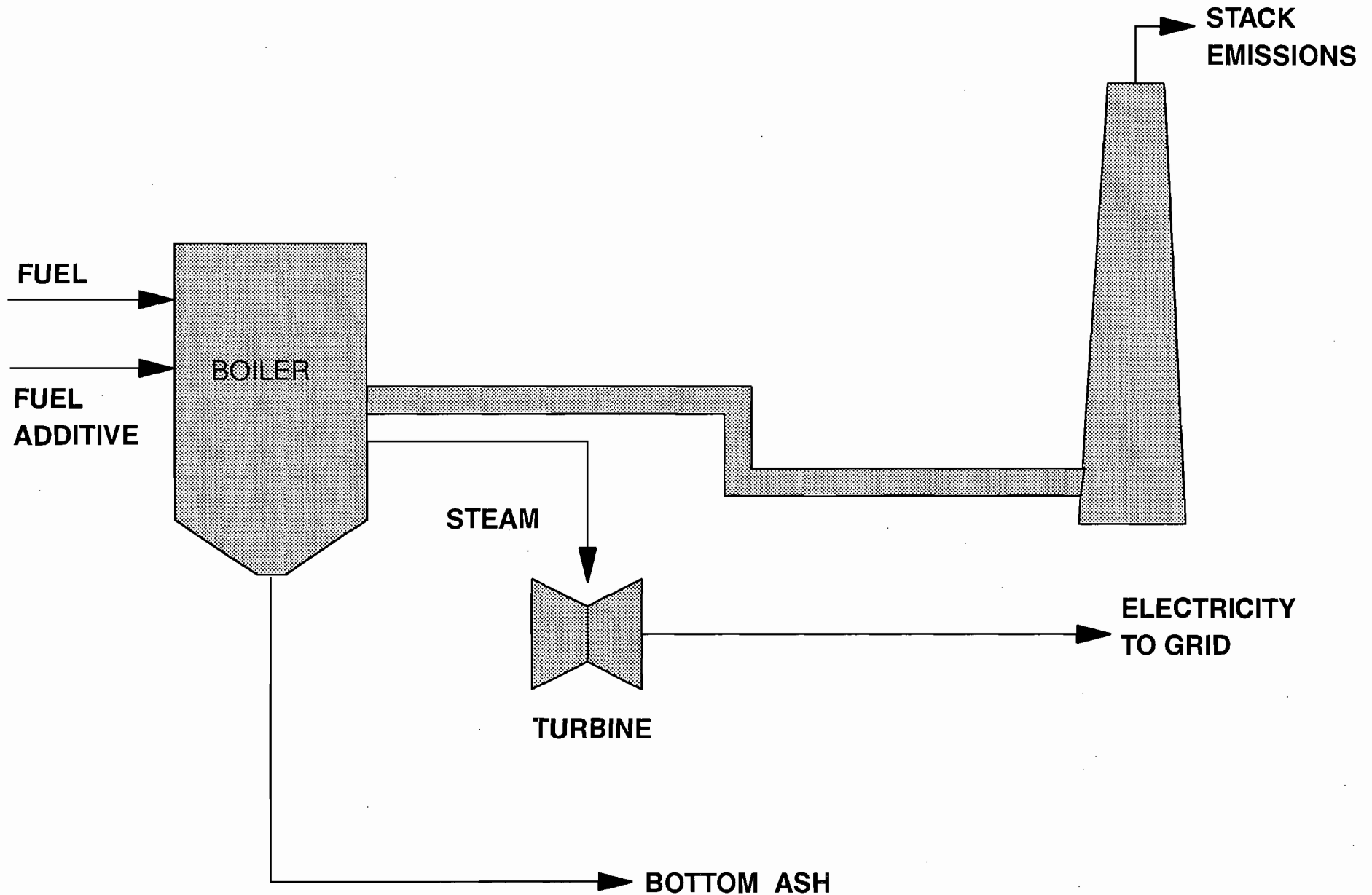
1-4 = # 6

5 = # 2 diesel

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
VOC	N/A	N/A	NS

Southside Generating Station Flow Diagram



Southside Generating Station

Precautions to Prevent Emissions of Unconfined Particulate Matter

The facility has negligible amounts of unconfined particulate matter as a result of the operation of the facility. Potential examples of particulate matter include:

- fugitive dust from paved and unpaved roads;
- sandblasting abrasive material from facility maintenance activities;

Several precautions were taken to prevent emissions of particulate matter in the *original design* of the facility. These include:

- Paving of roads, parking areas and equipment yards;
- Landscaping and planting of vegetation.

Operational measures are undertaken at the facility which also minimize particulate emissions, in accordance with 17-296.310 F.A.C.:

- Maintenance of paved areas as needed;
- Regular mowing of grass and care of vegetation;
- Limiting access to plant property by unnecessary vehicles;

PMPREC2

Document ID #5

Fugitive Emissions Identification

Other than particulate matter and VOCs from painting activities there are no known sources of fugitive emissions which exceed the threshold quantities.

The fugitive particulate and VOC emissions are addressed in the Facility Pollutant Information sections of the application.

Document ID #6

List of Exempt Activities

Indoor sand blasting and abrasive grit blasting where temporary enclosures are used to contain particulates

Coal pile runoff ponds

Open stockpiling of material

Plant grounds maintenance

Routine maintenance/repair activities such as cleaning, welding, non-asbestos insulation removal, hand held tools/equip., meter repair/maintenance, on-line/off-line cleaning of equip.

Main steam pressure/relief valves; steam from boiler operations

Non-halogenated solvent cleaning operations

Indoor fugitives such as vacuum cleaning, solvent storage, office supplies/equipment

Testing equipment such as CEMs, stack sampling calibration gases, oxygen detector

Internal combustion engines which drive compressors, generators, water pumps, or other auxiliary equipment

HVAC (heating, ventilation, and air conditioning systems)

Vent/exhaust systems for:

- Print room storage cabinets
- Transformer vaults/bldg.
- Maint./welding bldgs.
- Operating equipment vents
- Degasifier/dearators/decarbonators
- Air blowers/evacuators/air locks
- Feedwater heater vents

Transformers, switches, and switchgear processing (including cleaning and changing) and venting

Use of nitrogen cap during boiler shut-down

Generator venting

Vent/exhaust from kitchen and breakrooms

Vents/stacks for sewer lines or enclosed areas req. for safety or by code

Electrically heated equipment used for heat treating, tracing, drying, soaking, case hardening or surface conditioning

Sewage treatment fac./equip. ranging in size from porta-john to sewage treatment plants

Steam releases

Storage and use of chemicals solely for water/waste water treatment

Neutralization basins/ponds, ash pits/ponds, TETF/ENU, percolation, equalization

Transfer sumps

Firefighting training facilities

Turbine vapor extractor

Lawn maintenance equipment/activities

Application of fungicide, herbicide, pesticide

Air compressors and centrifuges used for compressing air

Handling and removal of clinkers, slag and bottom ash

Recovered materials recycling systems including: bulb crushers, aerosol can puncturing

Waste accumulation/consolidation

Compressed air system

Storage tanks less than 550 gallons

Storage of products in sealed containers

Nuclear gauges used for the purpose of process monitoring

Hydrogen and acid venting from battery rooms vacuum vents for gypsum dewatering bldg

Flue gas desulfurization system absorber feed tank mist eliminator/spray header vent

Renovation/demolition of asbestos

Fires

Chemical spills, leaks & transfers

Oil spills, leaks & change out

Insulating activities

Asphalt or concrete sealing

High pressure water blasting

Excavations for construction activities

Chemical cleaning

- boiler
- turbine
- heat exchanger
- misc. plant machinery
- solvent cleaning (parts & circuit boards)

Cleaning furnace bottoms or slag removal

Welding all types

Cutting all types

- milling & machining

Sanding or grinding - all types

Emission from portable equipment

- welding machines (diesel or gas)
- pumps (diesel or gas)

Sweeping

Pipe line repairs

- fly ash
- bottom ash
- slurry or sludge transfer
- fuel line
- process water (cooling water, ash water or condensate)
- refuse transport line
- Miscellaneous other process lines

Bag house repairs

Filter change out (oil & air)

Air conditioner repairs

Battery maintenance

Coal feeder maintenance

Refuse feeder maintenance

Other miscellaneous maintenance

Bottom ash removal (from boilers)

Fuel oil storage tank cleaning

Small parts washing using parts washer

A/C servicing by licensed contractor

Searching for condenser leaks using helium

Stack washing (water, soot)

Cleaning and dewatering of ash basins (heavy equipment/pumps)

Engine rebuilding

Lube oil changes

Receiving fuel oil (truck & pipeline)

Aerosol can use (cleaners, etc.)

Boiler chemical cleaning (cirtosolv & ammonia)

Sootblowing

Liming the boilers (CaOH)

Turbine washing

Boiler gun cleaning (guns dipped into vats of solvent)

Vehicle servicing (oil changes, antifreeze changes, etc.)

Soldering of electrical components (silver, tine solder)

Portable equipment and tools, including electric and gasoline powered

Electro plating

Welding, grinding and cutting activities (metal fumes)

Machining metal parts (cutting oil, metal fumes)

Cleaning condensers (water vapor, "snoop")

Oil spills (#6, #2, turbine lube oil)

Oil-filled electrical equipment vents

Storage and use of boiler chemicals (phosphates, ammonia, hydrazine, magnesium oxide, sodium tripolyphosphate, soda ash, di- and tri-sodium phosphate)

Fume hood in laboratory

Laboratory equipment

Space heaters

Fire and safety equipment

Emergency generators

mercury containing equipment such as manometers

non-chlorinated solvent degreasing equipment

vacuum pumps in laboratory operations

equipment use for steam cleaning

SGS

Document ID # 7

List of Equipment/Activities Regulated Under Title VI

There are no pieces of equipment known to contain more than 50 lbs of a listed refrigerant. However the below is a list of the equipment known to be on site which contain a listed refrigerant (R-22). The numbers are approximate as the exact numbers are subject to change based on units being replaced, retired, or added:

20 central A/C units using

5 window units

10 refrigerators

2 ice machines (one containing R-502)

10 water coolers

1 sample cooler

In addition, there is one recycling machine (previously registered with the EPA in accordance with Title VI requirements, and applicable rules and regulations) for capturing refrigerant when any work is performed by on-site licensed personnel, although the majority of refrigerant work is currently performed by licensed contractors. This is subject to change in the future.

Document ID #8

Alternative Methods of Operation

All units may operate 8760 hours per year utilizing the permitted fuels in accordance with the information provided in the Emissions Unit sections of the application.

Since each unit is permitted independently, there are no methods of operation which would simultaneously affect more than one emissions unit, but would not constitute emissions trading.

Document ID #9

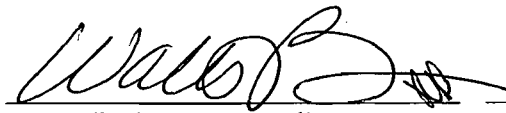
Compliance Report and Plan

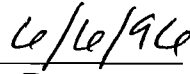
At the time of the filing of this application, all units are in compliance with applicable rules and regulations.

If new regulatory requirements become applicable in the future, or if any non-compliance items are discovered after submittal of this application, the necessary steps will be taken to ensure compliance in a timely manner. This is in accordance with company Policy of maintaining continuous compliance with all applicable rules and regulations.

Document ID #9A

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, 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.

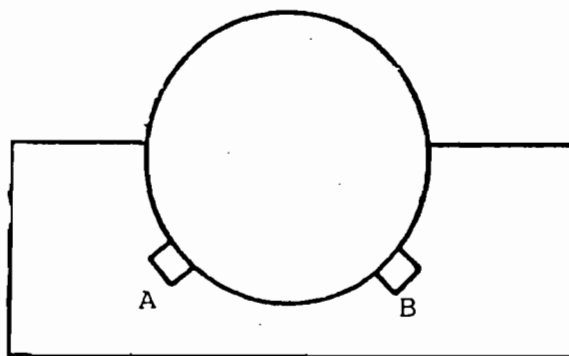
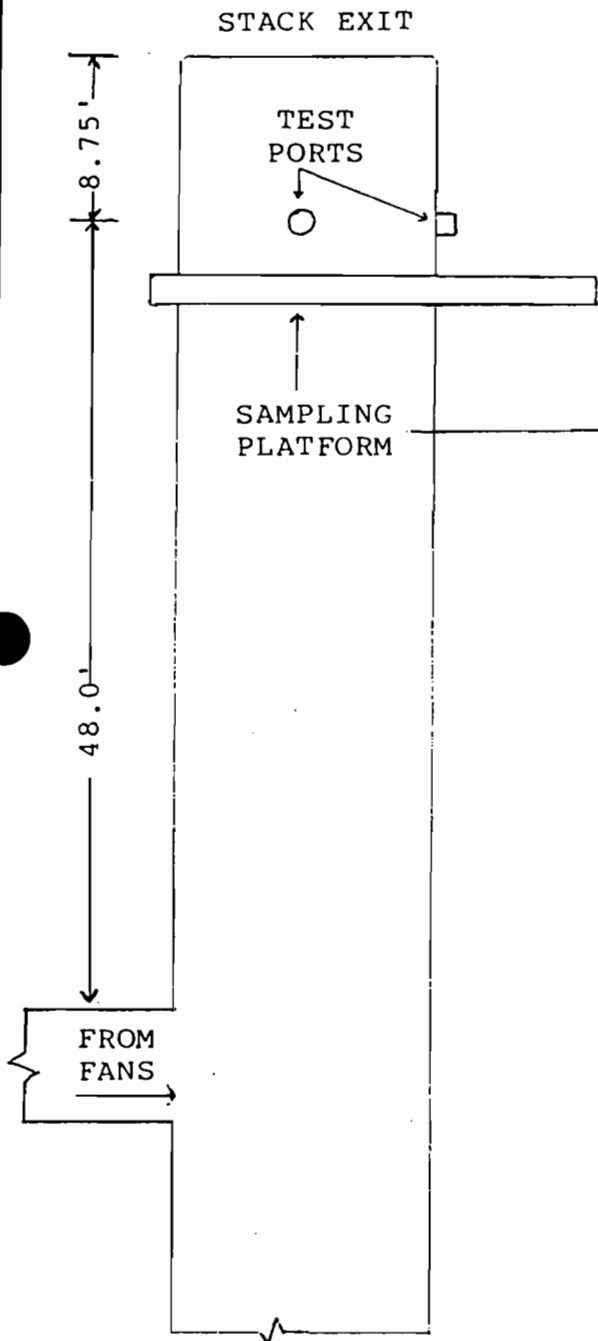

Walter P. Bussells
Managing Director


Date



ENVIRONMENTAL
SOURCE SAMPLERS

JACKSONVILLE ELECTRIC AUTHORITY
SOUTHSIDE UNIT 4
SAMPLING LOCATION



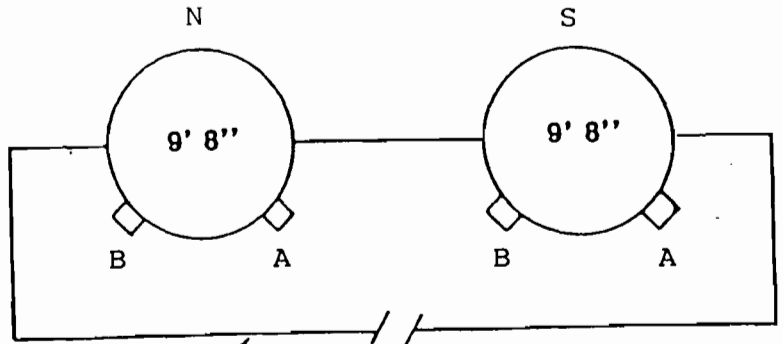
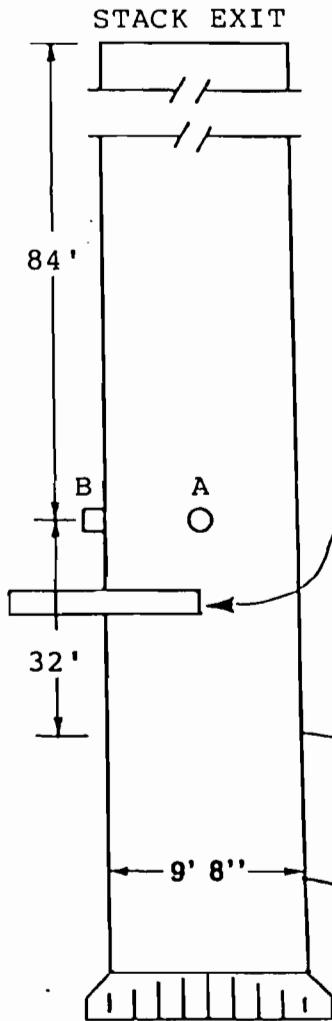
INSIDE STACK DIAMETER = 128.0 "
WALL DISTANCE TO PT.#

1	=	125.3"
2	=	119.4"
3	=	112.9"
4	=	105.3"
5	=	96.0"
6	=	82.4"
7	=	45.6"
8	=	32.0"
9	=	22.7"
10	=	15.1"
11	=	8.6"
12	=	2.7"



ENVIRONMENTAL
SOURCE SAMPLERS

JACKSONVILLE ELECTRIC AUTHORITY
SOUTHSIDE UNIT 5
SAMPLING LOCATION



SAMPLING PLATFORM

INSIDE STACK DIAMETER = 116.0"
WALL DISTANCE TO PT. #

1	=	113.0"
2	=	106.5"
3	=	99.1"
4	=	89.8"
5	=	78.5"
6	=	39.7"
7	=	26.2"
8	=	16.9"
9	=	12.2"
10	=	3.0"



Inchcape Testing Services

Caleb Brett

REPORT OF ANALYSIS

Lab. Reference: T94-13C Report Ref.:TA94-14951 Client Ref:
File Reference: T409047

Date Sample Taken: 9/23/94 Date Submitted: 9/27/94 Date Tested: 9/27/94

Sample Designated As: NO. 6 FUEL OIL To: JACKSONVILLE ELECTRIC AUTH./

Taken From: BARGE "B-195"

At:JEA, SOUTHSIDE, JACKSONVILLE, FLORIDA By: Inchcape Testing Services/
Caleb Brett

Representing: VESSEL COMPOSITE SAMPLE BARGE "B-195"

REPORT OF ANALYSIS

TEST NAME -----	METHOD -----	RESULTS -----	UNITS -----
API GRAVITY	ASTM D-1298	11.8	
FLASH POINT	ASTM D-93	210+	°F
VISCOSITY @ 122 F	ASTM D-445/2161	288	SFS
POUR POINT	ASTM D-97	3	°C
SULFUR	ASTM D-4294	0.97	% WT.
WATER BY DISTILLATION	ASTM D-95	0.2	% VOL.
SEDIMENT BY EXTRACTION	ASTM D-473	0.07	% WT.
GROSS HEAT OF COMBUSTION	ASTM D-240	151438	BTU/BBL
ASH (sample, g)	ASTM D-482	0.074	% WT.
ASPHALTENES	IP-143	4.9	% WT.
VANADIUM	A.A.S.	59	ppm
SODIUM	A.E.S.	15	ppm
NITROGEN	ASTM D-4629	0.348	% WT.

Respectfully Submitted,


Calvin F. Hazelwood
Laboratory Manager



Document ID #11-B

CERTIFICATE OF ANALYSIS

JOB NO.	TPA95-06999
LAB NO.	L950825463

VESSEL	MRL-106	DATE	08/28/95
CARGO	#2 DIESEL OIL		
TERMINAL/PORT	JEA, KENNEDY GENERATING STATION, JACKSONVILLE, FLORIDA		
SAMPLE FROM	TANK #3		
SAMPLE SUBMITTED BY	INSPECTORATE AMERICA		
ANALYSIS PERFORMED BY	INSPECTORATE AMERICA		
CLIENT(S) REF.	N/A		

METHOD	TEST	RESULTS
D-287	API GRAVITY @ 60 °F	33.6
D-4294	SULFUR, WT.%	0.16
D-240	BTU / BBL	5,863,266

FOR INSPECTORATE: *[Signature]*

FLORIDA GAS TRANSMISSION COMPANY**Spot Analysis of Natural Gas for Delivery in Florida
(Brooker Chromatograph)**

DATE: April 30, 1996
TIME: 12:56

<u>Component Name</u>	<u>Mole %</u>
Hexane	0.073
Propane	0.549
Isobutane	0.140
n-Butane	0.116
Isopentane	0.045
n-Pentane	0.027
Nitrogen	0.364
Methane	95.100
CO ₂	0.921
Ethane	2.666
Totals	100.000

Dry Btu/cf @ 14.730 psia and 60°F = 1041.1
Real Relative Density = 0.5906

Total Sulfur	6.3 PPM
H ² S	1.3 PPM
H ² O	2.1 lb/MMcf

Document ID #12

Description of Control Equipment

Due to the age of the units at this facility there is no control equipment required. Good operational practices are employed to minimize emissions and maximize efficiency. Also, fuel sulfur levels and CEMs are used to monitor and maintain regulated pollutant levels below permitted levels (see Allowable Emissions section for further information).

O & M Plans S/U S/D Plans

The JEA will maintain and operate its units efficiently to maximum performance and minimize environmental emissions. JEA will take necessary actions to ensure the operating units do not exceed permitted limits, and will remove a unit from service if required.

All JEA units are started-up on natural gas. L.P. gas is used as ignitor fuel source. After start-up the units are fueled by natural gas and/or #6 fuel oil, depending upon availability.

All JEA units are operated under the boiler, turbine/generator, and operational guidelines as furnished by the manufacturers and JEA internal guidelines and procedures.

Boiler equipment is maintained under a preventative maintenance routine schedule as set forth in JEA's internal P.M. program. Some examples of boiler equipment PM's are: weekly burner cleaning, daily boiler sootblowing, scheduled boiler washings, and continuous boiler emission monitoring. Other maintenance is performed on an as needed basis.

When excessive emissions condition occurs, the control room operator takes immediate corrective action.

When a unit shut down is required or unit trip occurs, the unit is brought down under established manufacturer and JEA operational procedures.

JACKSONVILLE ELECTRIC AUTHORITY

21 WEST CHURCH STREET • JACKSONVILLE, FL 32202-3139



December 14, 1995

Mr. John C. Brown (MS 5505)
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: Title IV Phase II Permit Applications

Attached please find the original Title IV Permit Applications and three copies for the Jacksonville Electric Authority (JEA) Northside, Southside, and Kennedy Generating Stations, including the St. Johns River Power Park jointly owned by JEA and Florida Power and Light Company.

If you have any questions with regard to this matter please contact Bert Gianazza of my staff at (904) 632-6247.

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard Breitmoser', with a long horizontal line extending to the right.

Richard Breitmoser, P.E.
Vice President, Environmental
Health and Safety Group

RB/NBG

Certificate of Representation

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

STEP 1
Identify the source by
plant name, State, and
ORIS code from NAES

Plant Name	St. Johns River Power Park	State	FL	ORIS Code	207
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STEP 2
Enter requested
information for the
designated
representative

Name	Brian M. Wirz			
Address	Jacksonville Electric Authority (T-16) 21 West Church Street Jacksonville, Florida 32202			
Phone Number	(904) 632-6457	Fax Number	(904) 632-7366	

STEP 3
Enter requested
information for the
alternate designated
representative
(optional)

Name	Richard Breitmoser			
Address	Jacksonville Electric Authority (T-8) 21 West Church St Jacksonville, Florida 32202			
Phone Number	(904) 632-6245	Fax Number	(904) 632-7326	

STEP 4
Complete Step 5, read
the certifications and
sign and date

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the designated representative or alternate designated representative, as applicable for the affected source and each affected unit at the source identified in this certificate of representation, daily for a period of one week in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or endorsement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

BEST AVAILABLE COPY

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative)	Date 8/5/94
Signature (alternate)	Date 8/4/94

STEP 3
Provide the name of every owner and operator of the source and each affected unit at the source. Identify the units they own and/or operate by boiler ID# from NADES. For owners only, identify each state or local utility regulatory authority with jurisdiction over each owner

Name Jacksonville Electric Authority						<input checked="" type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# 1	ID# 2	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities Florida Dept of Environmental Regulation							

Name Florida Power and Light						<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID# 1	ID# 2	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities Florida Dept of Environmental Regulation							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Phase II Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 and Chapter 62-214, F.A.C.

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and RIS code from NADB

Plant Name	Southside Generating Station	FL State	668 ORIS Code
------------	------------------------------	----------	---------------

STEP 2
Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

Compliance Plan				
a	b	c	d	e
Boiler ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	Repowering Plan	New Units Commence Operation Date	New Units Monitor Certification Deadline
1	Yes			
2	Yes			
3	Yes			
4	Yes			
5	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

STEP 3
Check the box if the response in column c of Step 2 is "Yes" for any unit

STEP 4
 Read the standard
 requirements and
 certification, enter
 the name of the
 designated repre-
 sentative, and sign
 and date

Standard RequirementsPermit Requirements.

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Submit a complete Acid Rain part application (including a compliance plan) under 40 CFR part 72, Rules 62-214.320 and 330, F.A.C. in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain part application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain part application or a superseding Acid Rain part issued by the permitting authority; and
 - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 72.34(e)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

Recordkeeping and Reporting Requirements (cont.)

- (iv) Copies of all documents used to complete an Acid Rain part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

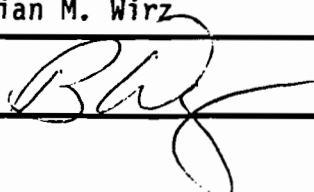
- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, notification, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.
- (6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Brian M. Wirz	
Signature 	Date 12/14/95



Certificate of Representation

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADS

Plant Name	JEA, Southside Generating Station	State	FL	ORIS Code	668
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STEP 2
Enter requested information for the designated representative

Name		Brian M. Wirz, Associate Managing Director	
Address		Jacksonville Electric Authority 21 West Church Street Jacksonville, FL 32202	
Phone Number	(904) 632-7270	Fax Number	(904) 632-7366

STEP 3
Enter requested information for the alternate designated representative (optional)

Name			
Address			
Phone Number		Fax Number	

STEP 4
Complete Step 5, read the certifications and sign and date

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the designated representative or alternate designated representative, as applicable for the affected source and each affected unit at the source identified in this certificate of representation, daily for a period of one week in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a tenancy interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, tenancy, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

JEA, Southside Generating Station
Plant Name (from Step 1)

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or creating required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative) <i>Brian M. [Signature]</i>	Date 8/17/94
Signature (alternate)	Date

STEP 5
Provide the name of every owner and operator of the source and each affected unit at the source. Identify the units they own and/or operate by their ID# from NADB. For owners only, identify each state or local utility regulatory authority with jurisdiction over each owner.

Jacksonville Electric Authority						<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID# 1	ID# 2	ID# 3	ID# 4	ID# 5	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities Fla. Dept. of Env. Reg.; Reg. & Env. Services Dept. (city)							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

Phase II Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 and Chapter 62-214, F.A.C.

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name	Northside Generating Station	State	FL	ORIS Code	667
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STEP 2
Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

Compliance Plan				
a	b	c	d	e
Boiler ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	Repowering Plan	New Units Commence Operation Date	New Units Monitor Certification Deadline
1	Yes			
2	Yes			
3	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

STEP 3
Check the box if the response in column c of Step 2 is "Yes" for any unit

EP 4
 and the standard
 requirements and
 certification, enter
 name of the
 signed representative, and sign
 and date

Standard Requirements**Permit Requirements.**

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Submit a complete Acid Rain part application (including a compliance plan) under 40 CFR part 72, Rules 62-214.320 and 330, F.A.C. in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain part application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain part application or a superseding Acid Rain part issued by the permitting authority; and
 - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.8(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an Acid Rain unit under 40 CFR 72.8(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and

Recordkeeping and Reporting Requirements (cont.)

(iv) Copies of all documents used to complete an Acid Rain part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.

(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.

(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.

(4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.

(5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.

(6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.

(7) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;

(2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;

(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;

(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or

(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Brian M. Wirz	
Signature 	Date 12/14/95



Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

STEP 1
Identify the source by
plant name, State, and
ORIS code from NADS

Plant Name	JEA, Northside Generating Station	FL State	667 ORIS Code
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STEP 2
Enter requested
information for the
designated
representative

Name	Brian M. Wirz, Associate Managing Director		
Address	Jacksonville Electric Authority 21 West Church Street Jacksonville, FL 32202		
Phone Number	(904) 632-7270	Fax Number	(904) 632-7366

STEP 3
Enter requested
information for the
alternate designated
representative
(optional)

Name			
Address			
Phone Number		Fax Number	

STEP 4
Complete Step 5, read
the certifications and
sign and date

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the designated representative or alternate designated representative, as applicable for the affected source and each affected unit at the source identified in this certificate of representation, daily for a period of one week in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reserved or contract interest or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

Phase II Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 and Chapter 62-214, F.A.C.

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Kennedy Generating Station	FL	666
Plant Name	State	ORIS Code

STEP 2
Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

Compliance Plan				
a	b	c	d	e
Boiler ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	Repowering Plan	New Units Commence Operation Date	New Units Monitor Certification Deadline
8	Yes			
9	Yes			
10	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

STEP 3
Check the box if the response in column c of Step 2 is "Yes" for any unit

STEP 4
 Read the standard requirements and certification, enter a name of the designated representative, and sign and date

Standard Requirements**Permit Requirements.**

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Submit a complete Acid Rain part application (including a compliance plan) under 40 CFR part 72, Rules 62-214.320 and 330, F.A.C. in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain part application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain part application or a superseding Acid Rain part issued by the permitting authority; and
 - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

Recordkeeping and Reporting Requirements (cont.)

(iv) Copies of all documents used to complete an Acid Rain part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.

(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.

(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.

(4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.

(5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.

(6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.

(7) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;

(2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;

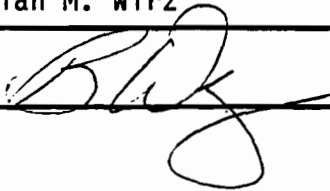
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudency review requirements under such State law;

(4) Modifying the Federal Power Act or effecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,

(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Brian M. Wirz	
Signature 	Date 12/14/95



Certificate of Representation

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADS

Plant Name	* JEA, Kennedy Generating Station	State	FL	ORIS Code	666
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STEP 2
Enter requested information for the designated representative

Name	Brian M. Wirz, Associate Managing Director				
Address	Jacksonville Electric Authority 21 West Church Street Jacksonville, FL 32202				
Phone Number	(904) 632-7270	Fax Number	(904) 632-7366		

STEP 3
Enter requested information for the alternate designated representative (optional)

Name					
Address					
Phone Number			Fax Number		

STEP 4
Complete Step 5, read the certifications and sign and date

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the designated representative or alternate designated representative, as applicable for the affected source and each affected unit at the source identified in this certificate of representation, daily for a period of one week in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a tenancy interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, tenancy, or contractual reservation or ownership or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

JEA, Kennedy Generating Station
Plant Name (from Step 1)

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative) *Bruce M. [unclear]* Date 8/17/94
Signature (alternate) _____ Date _____

STEP 3
Provide the name of every owner and operator of the source and each affected unit of the source. Identify the units they own and/or operate by their ID# from NADES. For owners only, identify each state or local utility regulatory authority with jurisdiction over each owner.

Jacksonville Electric Authority Owner Operator
Name
ID# 8 ID# 9 ID# 10 ID# ID# ID# ID#
ID# ID# ID# ID# ID# ID# ID#
Fla Dept. of Env. Reg.; Reg. & Env. Services Dept. (city)
Regulatory Authorities

Owner Operator
Name
ID# ID# ID# ID# ID# ID# ID#
ID# ID# ID# ID# ID# ID# ID#
Regulatory Authorities

Owner Operator
Name
ID# ID# ID# ID# ID# ID# ID#
ID# ID# ID# ID# ID# ID# ID#
Regulatory Authorities

Owner Operator
Name
ID# ID# ID# ID# ID# ID# ID#
ID# ID# ID# ID# ID# ID# ID#
Regulatory Authorities



Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

Lawton Chiles
Governor

January 17, 1996


Mr. Brian M. Wipz
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202-3139

Dear Mr. Wipz:

The Department has found the Acid Rain Part Application(s) for the attached facility(ies) complete, and has forwarded this information to USEPA Region 4 in Atlanta, Georgia.

If you have any questions, please write to Tom Cascio or me at the letterhead address, or call (904) 488-1344.

Sincerely,


John C. Brown, Jr. P.E.
Section Administrator
Title V Program

JCB/tc/ms

Attachment

STATE OF FLORIDA ACID RAIN FACILITIES

1/10/96

JACKSONVILLE ELECTRIC	J. D. KENNEDY (666)	0310047	31DVL160047	II	8, 9, 10	12/26/95
JACKSONVILLE ELECTRIC	NORTHSIDE (667)	0310045	31DVL160045	II	1, 2, 3	12/26/95
JACKSONVILLE ELECTRIC	SOUTHSIDE (668)	0310046	31DVL160046	II	1, 2, 3, 4, 5	12/26/95
JACKSONVILLE ELECTRIC	ST. JOHNS RIVER POWER (207)	0310001	31JAX160001	II	1, 2	12/26/95



Department of Environmental Protection

Lawton Chiles
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED - RETURN RECEIPT

Mr. Richard Breitmoser, P.E.
Division Chief, Environmental Affairs
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202-3139

Dear Mr. Breitmoser:

Duval County - AP
Jacksonville Electric Authority
Southside Generating Plant- Boiler No. 4

Enclosed is Permit Number AO16-180744 (REVISED to remove all requirements of NO_x stack testing) to operate the subject air pollution emissions unit(s), pursuant to Section 403.087, Florida Statutes (FS).

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, Florida 32399-2400, within 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 require reversal or modification of the Department's action or proposed action; and

PERMITTEE:

Jacksonville Electric Authority
Southside Generating Plant - Boiler No. 4
Permit Amendment
Page Two

(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 allowed 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 62-103.070, 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.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Ernest E. Frey, P.E.
For Director of District Management

EEF:BCF

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 5/17/95 to the listed persons.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.
Debra D. Bunch 5/17/95
Clerk Date



Department of Environmental Protection

Lawton Chiles
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Virginia B. Wetherell
Secretary

PERMITTEE:

Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

I.D. Number: 31JAX16004604
Permit/Cert Number: AO16-180744
Date of Issue: August 13, 1990
Expiration Date: July 31, 1995
REVISED DATE: May 9, 1995
County: Duval
Latitude/Longitude: 30°19'00"N; 81°38'55"W
UTM: E-(17)437.7 ; N-3353.88
Project: Southside Generating
Station - Boiler No. 4

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-210, 62-212, 62-272, 62-296, 62-297 and 62-4. 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 hereof and specifically described as follows:

For the operation of Southside Generating Station Steam Boiler No. 4 for the production of electricity. The Boiler shall be fired by No. 6 fuel oil, natural gas, or a combination of both fuels.

Emission Sources are identified as follows:

Emission Source 04: Boiler No. 4

Located 801 Colorado Avenue, Jacksonville, Duval County, Florida 32207

In accordance with:

Permit AO16-103416
Permit application received May 16, 1990
Permit amendment request dated March 27, 1995

PERMITTEE:
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

I.D. Number: 31JAX16004604
Permit/Cert: AO16-180744
Date of Issue: August 13, 1990
Expiration Date: July 31, 1995
REVISED DATE: May 9, 1995

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 403.161, 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 the 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), Florida Statutes, 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 the permit.
4. This permit conveys not title to land or water, does not constitute State recognition or acknowledgment 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 no 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 permitted 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, as 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 a reasonable time, access to the premises, where the permitted activity is located or conducted to:
 - a. Have access to and copy any record that must be kept under the conditions of the permit;

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Jacksonville Electric Authority
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Jacksonville, Florida 32202

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GENERAL CONDITIONS:

- 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 non-compliance; and
- b. the period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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 403.73 and 403.111, Florida Statutes. 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 Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., 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)
- () Compliance with New Source Performance Standards (NSPS)

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GENERAL CONDITIONS:

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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurement;
 - the dates analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - 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 that 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.

PERMITTEE:
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

I.D. Number: 31JAX16004604
Permit/Cert: AO16-180744
Date of Issue: August 13, 1990
Expiration Date: July 31, 1995
REVISED DATE: May 9, 1995

SPECIFIC CONDITIONS:

1. Permittee shall notify the Air Quality Division (AQD) fifteen (15) days prior to source testing in accordance with Rule 62-297.340(1)(i), Florida Administrative Code (FAC), and Rule 2.501, Jacksonville, Environmental Production Board (JEPB).
2. Copies of the test report(s) shall be submitted to AQD within forty-five (45) days of completion of testing in accordance with Rule 62-297.570(2), FAC, and Rule 2.501, JEPB.
3. Testing of emissions shall be accomplished at a minimum of 90% of the permitted capacity. If testing is performed at rate less than 90% of the permitted capacity, operation shall be limited to a maximum of 110% of the tested capacity until such time as an acceptable test is performed at a minimum of 90% of the permitted capacity. When operation is restricted to a lower capacity because of testing at such a level, AQD, upon advanced notification, will allow operation at higher capacities if such operation is for demonstrating compliance at a higher capacity. [Rules 62-297.310(2)(b) and 62.297.310(2)].
4. Any revision(s) to a permit a(and application) shall be submitted to and approved by AQD prior to implementing.
5. Control equipment shall be provided with a method of access that is safe and readily accessible.
6. Stack sampling facilities shall be required and shall comply with the requirements of Rule 62-297.345, FAC, and Rule 2.501, JEPB.
7. Permittee shall submit an annual operation report to AQD for this (these) source (sources) on the form(s) supplied for each calendar year on or before March 1.
8. The following pollutant(s) shall be tested at intervals indicated from the date of November 1, 1989:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
04	Particulate Matter(PM)		
	(Non-soot Blowing)	12 months	EPA Reference Method (RM) 5, 17
	(Soot Blowing)	12 months	EPA RM 5, 17
	*Visible Emissions (VE)	12 months	EPA RM 9
	Sulfur Dioxide (SO ₂)	12 months	EPA RM 6

* Shall be performed simultaneously with PM testing during non-soot blowing and soot blowing modes.

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 Jacksonville Electric Authority
 21 West Church Street
 Jacksonville, Florida 32202

ID. Number: 31JAX16004604
Permit/Cert: AO16-180744
Date of Issue: August 13, 1990
Expiration Date: July 31, 1995
REVISED DATE: May 9, 1995

SPECIFIC CONDITIONS:

- 9. Applicable emission limiting rules shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>FAC Rule</u>	<u>JEPB</u>
04	PM (Non-soot Blowing)	62-296.405(1)(b)	2.901
	(Soot Blowing)	62-210.700(3)	2.201
	VE (Non-soot Blowing)	62-296.405(1)(a)	2.901
	(Soot Blowing)	62-210.700(3)	2.201
	SO ₂	62-296.4054(1)(c)1.b	2.901

- 10. The maximum allowable emissions shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>lbs/hr</u>	<u>TPY</u>	<u>Other</u>	<u>Opacity</u>
04	PM (Non-soot Blowing)	79.6	*305.0	0.1 lb/10 ⁶ BTU	20%, 40% 2 min / hr 60% 3 hrs / 24 hrs
	(Soot Blowing)	238.8	**130.7	0.3 lb/10 ⁶ BTU	
	VE (Non-soot Blowing)	—	—	—	20%, 40% 2 min / hr 60% 3 hrs / 24 hrs
	(Soot Blowing)	—	—	—	
	SO ₂	875.6	3835.1	1.10 lb/10 ⁶ BTU	

* Based upon 21 hours per day
 **Based upon 3 hours per day

- 11. Operation shall be limited to 8,760 hour per year.
- 12. The maximum heat input shall be limited as follows:

<u>Fuel</u>	<u>Maximum Heat Input</u>
No. 6 Fuel Oil	796 x 10 ⁶ BTU/hr
Natural Gas	825 x 10 ⁶ BTU/hr
Dual Fired	796 x 10 ⁶ BTU/hr

- 13. The maximum sulfur content of No. 6 fuel oil shall be limited to 1 percent by weight.
- 14. Sulfur analysis of the No. 6 fuel oil, as fired while conducting compliance test, may be substituted for EPA RM 6. Sulfur analysis shall be in accordance with ASTM D 2622 or other method approved in advance by AQD.

PERMITTEE:
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

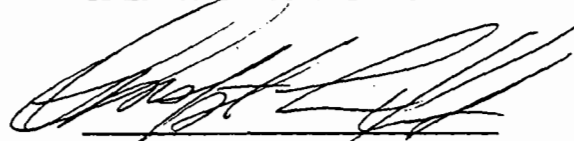
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SPECIFIC CONDITIONS:

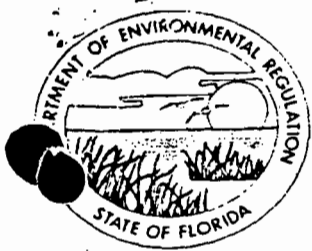
15. JEA shall operate and maintain Boiler No. 4 such that NO_x emissions, while firing natural gas and oil shall be less than or equal to the NO_x emissions while firing oil.
16. Operating methods to reduce NO_x emissions may include but are not limited to the following:
 - (A) Burner staging
 - (B) Burner register setting and adjustment
 - (C) Monitoring and adjustment of wind box to furnace differential pressure
 - (D) Excess air (excess oxygen) monitoring and adjustment
 - (E) Fuel/air ratio setting and adjustment
17. JEA shall record and maintain for a minimum of two (2) years for the following data:
 - (a) Hourly fuel oil totalizer readings with calculated gallons per hour feed rate.
 - (b) Fuel oil Analysis of the No. 6 fuel oil as received from the supplier to include the following:
 1. Density (ASTM D 1298-80 or equivalent)
 2. Calorific heat value reported in BTU's per pound (ASTM D 240-76 or equivalent)
18. An Operation and Maintenance Plan shall be attached to and shall be part of this permit. All activities shall be performed as scheduled and recorded data made available AQD upon request. Records shall be maintained on file for a minimum period of two (2) years.
19. A completed Application For Permit - Long Form with the compliance report is due November 15, 1995.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Ernest E. Frey, P.E.
Director of District Management

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.
Debra Y. Medjell 5/17/95
Clerk Date



Florida Department of Environmental Regulation

Northeast District • 3426 Bills Road • Jacksonville, Florida 32207 • 904-798-4200

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Ernest Frey, Deputy Assistant Secretary

NOTICE OF PERMIT ISSUANCE

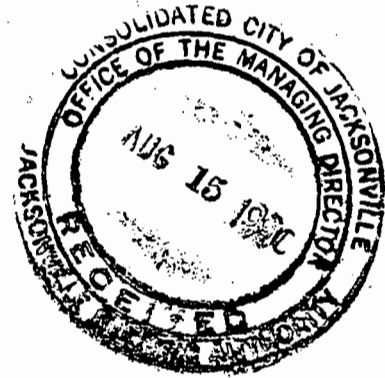
CERTIFIED - RETURN RECEIPT

Mr. Royce Lyles, Managing Director
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

RECEIVED

AUG 15 1990

Environmental Affairs Division



Dear Mr. Lyles:

Duval County - AP
Jacksonville Electric Authority
Southside Generating Station - Boiler No. 4

Enclosed is Permit Number A016-180744 to operate the subject air pollution source, pursuant to Section 403.087, Florida Statutes (FS).

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, Florida 32399-2400, within 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 require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.


If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in 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 allowed 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.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



Ernest E. Frey, P.E.
Deputy Assistant Secretary

EEF:dhk

Copies furnished to: Jacksonville BES

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52, Florida
Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged.
Betty J. Allen 8/13/90
Clerk Date

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 08/13/90 to the listed persons.



Florida Department of Environmental Regulation

Northeast District • 3426 Bills Road • Jacksonville, Florida 32207 • 904-798-4200

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Ernest Frey, Deputy Assistant Secretary

Permittee:

Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

L.D. Number:

31-16-0046-04

Permit/Certification Number:

AO16-180744

Date of Issue:

08-13-90

Expiration Date:

July 31, 1995

County:

Duval

Latitude/Longitude:

30:19:00/81:38:55

UTM: Zone 17

E-437.660 N-3353.880

Project:

Southside Generating
Station - Boiler No. 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 hereof and specifically described as follows:

For the operation of Southside Generating Station Steam Boiler No. 4 for the production of electricity. The Boiler shall be fired by No. 6 fuel oil, natural gas, or a combination of both fuels.

Emission source(s) shall be as follows:

Point

04

Source

Boiler No. 4

Located at 801 Colorado Avenue, Jacksonville, FL 32207

Supporting documents shall be as follows:

- (1) Permit AO16-103416
- (2) Permit application received May 16, 1990

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to Sections 403.141, 403.727, or 403.8 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), Florida Statutes, 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 acknowledgment 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, animals 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, as 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 non-compliance; and
 - b. The period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

Permittee:
Jacksonville Electric Authority

I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0046-04
AO16-180744
July 31, 1995

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 revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all reports, 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 proscribed by Sections 403.11 and 403.73, Florida Statutes. 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 Rules 17-4.120 and 17-30.300, FAC, 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 this 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - 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 that 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 submitted or corrected promptly.

Permittee:
Jacksonville Electric Authority

I.D. Number: 31-16-0046-04
Permit/Certification Number: AO16-180744
Date of Issue:
Expiration Date: July 31, 1995

SPECIFIC CONDITIONS:

1. Permittee shall notify the Bio-Environmental Services Division (BESD) at least fifteen (15) days prior to source testing in accordance with Rule 17-2.700(2)(a)9., Florida Administrative Code (FAC), and Rule 2.501, Jacksonville Environmental Protection Board (JEPB).
2. Copies of the test report(s) shall be submitted to BESD within forty-five (45) days of completion of testing in accordance with Rule 17-2.700(7)(b), FAC, and Rule 2.501, JEPB.
3. Testing of emissions shall be accomplished at a minimum of 90% of the permitted capacity. If testing is performed at a rate less than 90% of the permitted capacity, operation shall be limited to a maximum of 110% of the tested capacity until such time as an acceptable test is performed at a minimum of 90% of the permitted capacity. When operation is restricted to a lower capacity because of testing at such a level, BESD, upon advanced notification, will allow operation at higher capacities if such operation is for demonstrating compliance at a higher capacity.
4. Any revision(s) to a permit (and application) shall be submitted and approved prior to implementing.
5. Control equipment shall be provided with a method of access that is safe and readily accessible.
6. Stack sampling facilities shall be required and shall comply with the requirements of Rule 17-2.700(4), FAC, and Rule 2.501, JEPB.
7. Permittee shall submit an annual operation report to BESD for this source on the form supplied for each calendar year on or before March 1 in accordance with Rule 17-4.140, FAC.
8. The following pollutant(s) shall be tested at intervals indicated from the date of November 1, 1989:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
04	Particulate Matter (PM)		
	(non-soot blowing)	12 Months	EPA Reference Method (RM) 5/17
	(soot blowing)	12 Months	EPA RM 5/17
	*Visible Emissions (VE)	12 Months	EPA RM 9
	Sulfur Dioxide (SO ₂)	12 Months	EPA RM 6
	Nitrogen Oxides (NO _x)	60 Months	EPA RM 7

*Shall be conducted simultaneously with PM testing during soot blowing and non-soot blowing operating modes.

Permittee:
Jacksonville Electric Authority

LD. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0046-04
AO16-180744
July 31, 1995

9. The applicable emission limiting rules shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>¹FAC</u>	<u>²JEPB</u>	<u>Other</u>
04	PM (non-soot blowing) (soot blowing)	17-2.650(2)(c)2.b.(i)	• 2.207 •	
		17-2.250(3)	• 2.103 •	
	VE (non-soot blowing) (soot blowing)	17-2.650(2)(c)2.b.(ii)	• 2.207 •	
		17-2.250(3)	• 2.103 •	
	SO ₂	17-2.600(5)(a)3.a.(iii)	• 2.202 •	

10. The maximum allowable emissions shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>lbs/hr</u>	<u>T/yr</u>	<u>Other</u>	<u>Opacity</u>
04	PM (non-soot blowing) (soot blowing)	79.6	*305.0	0.1 lb/10 ⁶ BTU	
		238.8	**130.7	0.3 lb/10 ⁶ BTU	
	VE (non-soot blowing) (soot blowing)				20%; 40% 2 min/hr 60% 3 hrs/24 hrs
	SO ₂	875.6	3835.1	1.10 lb/10 ⁶ BTU	

*Based upon 21 hours per day

**Based upon 3 hours per day

11. Operation shall be limited to 8760 hours per year.

12. The maximum heat input of No. 6 fuel oil shall be limited to 796 x 10⁶ BTUs per hour.

13. The maximum heat input of natural gas shall be limited to 825 x 10⁶ BTUs per hour.

14. The maximum heat input of No. 6 fuel oil and natural gas fired simultaneously shall be limited to 796 x 10⁶ BTUs per hour.

15. The maximum sulfur content of No. 6 fuel oil shall be limited to 1 per cent by weight.

16. Sulfur analysis of the No. 6 fuel oil, as fired while conducting compliance test, may be substituted for EPA RM 6. Sulfur analysis shall be in accordance with ASTM D 2622 or other method approved in advance by BESD.

17. JEA shall conduct stack tests for Nitrogen Oxides during the following operating modes:

- (A) Oil fired
- (B) Natural gas fired

18. JEA shall operate and maintain Boiler No. 4 such that NO_x emissions, while firing natural gas and oil shall be less than or equal to the NO_x emissions while firing oil.

*6-18-97
above table due to
discussion @ Eng Workshop*
*6-18-97
above table due to
discussion @ Eng Workshop*

Permittee:
Jacksonville Electric Authority

I.D. Number: 31-16-0046-04
Permit/Certification Number: AO16-180744
Date of Issue:
Expiration Date: July 31, 1995

19. Operating methods to ~~reduce~~ NO_x emissions may include but are not limited to the following:

- (A) Burner staging
- (B) Burner register setting and adjustment
- (C) Monitoring and adjustment of wind box to furnace differential pressure
- (D) Excess air (excess oxygen) monitoring and adjustment
- (E) Fuel/air ratio setting and adjustment

20. JEA shall record and maintain for a minimum of two years the following data:

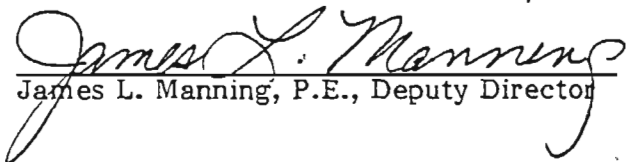
- (A) Hourly fuel oil totalizer readings with calculated gallons per hour feed rate
- (B) Fuel oil analysis of the No. 6 fuel oil as received from the supplier to include the following:
 - (1) Density (ASTM D 1298-80 or equivalent)
 - (2) Calorific heat value reported in BTU's per pound (ASTM D 240-76 or equivalent)

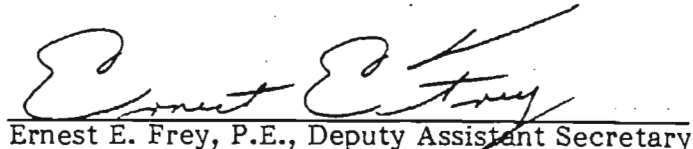
21. An Operation and Maintenance Plan shall be attached to and shall be part of this permit in accordance with Rule 17-2.650(2)(g), Florida Administrative Code. All activities shall be performed as scheduled and recorded data made available to BESD upon request. Records shall be maintained on file for a minimum period of two (2) years.

22. The permittee shall apply for a renewal operation permit sixty (60) days prior to the expiration date of this permit in accordance with Rule 17-4.090, FAC. Failure to submit a renewal application sixty (60) days prior to the expiration date shall result in the assessment of a penalty in accordance with Section 360.701(a)19., Ordinance Code, City of Jacksonville.

City of Jacksonville
Department of Health, Welfare and
Bio-Environmental Services

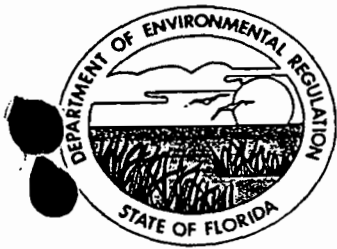
State of Florida
Department of Environmental Regulation


James L. Manning, P.E., Deputy Director


Ernest E. Frey, P.E., Deputy Assistant Secretary

- ¹Florida Administrative Code
- ²Jacksonville Environmental Protection Board

FILING AND ACKNOWLEDGEMENT
FILED on this date pursuant to S120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged. 8/13/90
Betty Jarin Clerk Date



Florida Department of Environmental Regulation

Northeast District • Suite B200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED - RETURN RECEIPT

Mr. Royce Lyles, Managing Director
Jacksonville Electrical Authority
21 West Church Street
Jacksonville, Florida 32202

Dear Mr. Lyles:

Duval County - AP
Jacksonville Electrical Authority
Southside ~~Kennedy~~ Unit No. 5

Enclosed is Permit Number AO16-214191 to operate the subject air pollution source, pursuant to Section 403.087, Florida Statutes (FS).

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, Florida 32399-2400, within 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 require reversal or modification of the Department's action or proposed action; and

Administration 448-4300
Air 448-4310
Waste Management 448-4320

Water Facilities 448-4330
Water Management 448-4340
FAX 448-4366



BEST AVAILABLE COPY

PERMITTEE:

Jacksonville Electric Authority

Page two

AO16-214191

(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 allowed 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.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION

Ernest E. Frey
Ernest E. Frey, P.E.

Director of District Management

EEF:bt

Copies furnished to: RESD, Jacksonville, Fl.

FILING AND ACKNOWLEDGEMENT

Filed pursuant to S120.52, Florida Statutes, by the designated Department Clerk, who hereby acknowledged.

Betty Jarm 5/3/93
Clerk Date

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 5/3/93 to the listed persons.



Florida Department of Environmental Regulation

Northeast District • Suite B200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

Permittee:

Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

I.D. Number:

Permit/Certification Number:

Date of Issue:

Expiration Date:

County:

Latitude/Longitude:

UTM: Zone 17

Project:

31-16-0046-05

A016-214191

05-0393

July 31, 1997

Duval

30:18:59/81:38:56

E-437.655 N-3353.850

Southside Unit No. 5

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-210, 17-212, 17-272, 17-296, 17-297 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 hereof and specifically described as follows:

For the operation of a 1550 x 10⁶ Btu per hour fossil fuel steam boiler for electricity generation. The boiler shall be fired by No. 6 fuel oil, natural gas, or a combination of both fuels.

Emission source(s) shall be as follows:

Point

05

Source

Boiler No. 5

Located at 801 Colorado Avenue, Jacksonville, FL 32207

Supporting documents shall be as follows:

- (1) Permit A016-135276
- (2) Permit application received May 26, 1992



BEST AVAILABLE COPY

Permittee:
Jacksonville Electric Authority

I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0046-05
A016-214191
July 31, 1997

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to Sections 403.141, 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 process and operations applied for as 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), Florida Statutes, 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, as 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 non-compliance; and
 - b. The period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

Permittee:
Jacksonville Electric Authority

I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0046-05
A016-214191
July 31, 1997

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 revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all reports, 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 Section 403.111 and 403.73, Florida Statutes. 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 Rules 17-4.120 and 17-730.300, FAC, 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 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 this 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:
 - the date, exact place, and time of sampling measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - 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 that 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.

Permittee:
Jacksonville Electric Authority

I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0046-05
A016-214191
July 31, 1997

SPECIFIC CONDITIONS:

1. Permittee shall notify the Air Quality Division (AQD) fifteen (15) days prior to source testing in accordance with Rule 17-297.340(1)(i), Florida Administrative Code (FAC), and Rule 2, Part X, Jacksonville Environment Protection Board (JEPB).
2. Copies of the test report(s) shall be submitted to AQD within forty-five (45) days of completion of testing in accordance with Rule 17-297.450(3)(b) FAC, and Rule 2, Part X, JEPB.
3. Testing of emissions shall be accomplished at a minimum of 90% of the permitted capacity. If testing is performed at a rate less than 90% of the permitted capacity, operation shall be limited to a maximum of 110% of the tested capacity until such time as an acceptable test is performed at a minimum of 90% of the permitted capacity. When operation is restricted to a lower capacity because of testing at such a level, AQD, upon advanced notification, will allow operation at higher capacities if such operation is for demonstrating compliance at a higher capacity.
4. Any revision(s) to a permit (and application) shall be submitted to and approved by AQD prior to implementing.
5. Control equipment shall be provided with a method of access that is safe and readily accessible.
6. Stack sampling facilities shall be required and shall comply with the requirements of Rule 297.345, FAC, and Rule 2, Part X.
7. Permittee shall submit an annual operation report to AQD for this (these) source (sources) on the form(s) supplied for each calendar year on or before March 1 in accordance with Rule 17-4.140, FAC.
8. The following pollutant(s) shall be tested at intervals indicated from the date of December 1, 1992:

Pt. No.	Pollutant	Interval	Test Method
05	Particulate Matter (PM) (Non Soot Blowing)	12 months	EPA Reference Method (RM) 5, 17
	(Soot Blowing)	12 months	EPA RM 5, 17
	Visible Emissions (VE) (Non Soot Blowing)	12 months	EPA RM 9
	(Soot Blowing)	12 months	EPA RM 9
	Sulfur Dioxide (SO ₂)	12 months	EPA RM 6
	Nitrogen Oxides (NO _x)	12 months	EPA RM 7, 7A, 7E

6-12-97
- obsolete due to discussion of Fwy Weekly

Notes:

1. PM and VE testing shall be performed simultaneously for non-soot blowing and soot blowing modes.
2. Sulfur analysis of the No. 6 fuel oil, as fired while testing for compliance maybe substituted for EPA RM 6. Analyses of sulfur content shall be performed in accordance with ASTM D 2622-82 (Sulfur in Petroleum Products X-ray Spectrographic Method) or other method approved in advance by AQD.
3. Testing for PM shall be performed in accordance with EPA RM 5 or 17. AQD shall be notified in writing at least 15 days prior to the compliance testing date, the test selected to be performed.
4. EPA RM as described in 40 CFR 60, Appendix A (July 1, 1992)

Permittee:
Jacksonville Electric Authority

I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0046-05
A016-214191
July 31, 1997

9. The applicable emission limiting rules shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>¹FAC</u>	<u>²JEPB</u>	<u>Other</u>
05	PM (non soot blowing)	17-296.702(2)(a)	Rule 2, Part IX	
	(soot blowing)	17-210.700(3)	Rule 2, Part II	
	VE (non soot blowing)	17-296.405(1)(a)	Rule 2, Part IX	
	(soot blowing)	17-210.700(3)	Rule 2, Part II	
	SO ₂	17-296.405(1)(c)1	Rule 2, Part IX	

10. The maximum allowable emissions shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>lbs/hr</u>	<u>T/yr</u>	<u>Other</u>	<u>Opacity</u>
05	PM (non soot blowing)	150.0	*574.9	0.1 lb/10 ⁶ Btu	
	(soot blowing)	450.0	**246.4	0.3 lb/10 ⁶ Btu	
	VE (non soot blowing)				20%, 40% 2 min/hr
	(soot blowing)				60% 3 hrs/24 hrs
	SO ₂	1650.0	7227.0	1.10 lb/10 ⁶ Btu	

*Based on 21 hours per day
**Based on 3 hours per day

11. Operation shall be limited to 8760 hours per year.
12. The maximum heat input shall be limited as follows:

<u>Fuel</u>	<u>Maximum Heat Input</u>
No. 6 fuel oil	1500 x 10 ⁶ Btu/hr
Natural gas	1550 x 10 ⁶ Btu/hr
Dual fired	1500 x 10 ⁶ Btu/hr

[1500-1550] 2 operation

13. Records shall be maintained for a minimum of two (2) years for the following data:
(a) Hourly fuel totalizer readings with calculated hourly feed rates.
(b) Analyses of the No. 6 fuel oil as received from the supplier to include the following:
1. Density (ASTM D 1298-80 or equivalent)
2. Calorific heat value in Btu per pound (ASTM D 240-76 or equivalent)
14. The maximum sulfur content of No. 6 fuel oil shall be limited to 1.0 percent by weight.

15. Annual testing requirements for NO_x shall be eliminated when the continuous NO_x emissions monitor (CEM) is installed and operational, or alternative NO_x measurement method provided for in the Clean Air Act Amendments of 1990.

6-18-97
obsolete due
to discussion
with Jerry
Woody

Permittee:
Jacksonville Electric Authority

I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

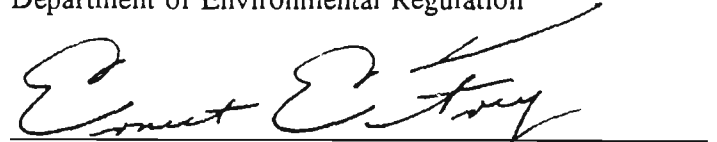
31-16-0046-05
A016-214191
July 31, 1997

16. An Operation and Maintenance Plan shall be attached to an shall be part of this permit. All activities shall be performed as scheduled and recorded data made available to AQD upon request. Records shall be maintained on file for a minimum period of two (2) years.
17. The permittee shall apply for a renewal operation permit sixty (60) days prior to the expiration date of this permit in accordance with Rule 17-4.090, FAC.

City of Jacksonville
Air Quality Division

State of Florida
Department of Environmental Regulation


Robert S. Pace, P.E., Chief


Ernest E. Frey, P.E., Director of District Management

¹Florida Administrative Code
²Jacksonville Environmental Protection Board

RSP/EEF/nic

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52, Florida
Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged. 5/3/93
Betty Jarama Clerk Date



Florida Department of Environmental Regulation

Northeast District • Suite B200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577

Lawton Chiles, Governor

Carol M. Browner, Secretary

RECEIVED

NOTICE OF PERMIT ISSUANCE

AUG 06 1991

CERTIFIED - RETURN RECEIPT

Mr. Royce Lyles, Managing Director
 Jacksonville Electric Authority
 21 West Church Street
 Jacksonville, Florida 32202

Dear Mr. Lyles:

Duval County - AP
 Jacksonville Electric Authority
Auxiliary Boiler Southside Generating Station



Enclosed is Permit Number A016-196974 to operate the subject air pollution source, pursuant to Section 403.087, Florida Statutes (FS).

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, Florida 32399-2400, within 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 require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in 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 allowed 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.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



Ernest E. Frey, P.E.
Director of District Management

EEF:bt

Copies furnished to: BES, Jacksonville

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to S120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Betty Jarvis 8/5/91
Clerk Date

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 8/05/91 to the listed persons.



Florida Department of Environmental Regulation

Northeast District • Suite B200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577

Lawton Chiles, Governor

Carol M. Browner, Secretary

Permittee:

Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

I.D. Number:

Permit/Certification Number:

Date of Issue:

Expiration Date:

County:

Latitude/Longitude:

UTM: Zone 17

Project:

31-16-0046-10

A016-196974

08-05-91

June 30, 1996

Duval

30:21:53/81:37:26

E-437.640 N-3353.820

Auxiliary Boiler Southside
Generating Station

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 hereof and specifically described as follows:

For the operation of an auxiliary boiler fired with natural gas or No. 2 fuel oil.

Emission source(s) shall be as follows:

Point

10

Source

Auxiliary Boiler No. 1

Located at 801 Colorado Avenue, Jacksonville, FL 32207

Supporting documents shall be as follows:

- (1) Permit A016-122097
- (2) Permit application received May 14, 1991

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to Sections 403.141, 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), Florida Statutes, 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 acknowledgment 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, as 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.

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.

7. 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 non-compliance; and
 - b. The period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

Permittee:

BEST AVAILABLE COPY

Jacksonville Electric Authority

I.D. Number:

Permit/Certification Number:

16-196974

Date of Issue:

Expiration Date:

June 30, 1996

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 revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all reports, 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 proscribed by Sections 403.111 and 403.73, Florida Statutes. 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 Rules 17-4.120 and 17-30.300, FAC, 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 this 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - 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 that 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 submitted or corrected promptly.

Permittee:
Jacksonville Electric Authority

I.D. Number: 31-16-0046-10
Permit/Certification Number: A016-196974
Date of Issue:
Expiration Date: June 30, 1996

SPECIFIC CONDITIONS:

1. Permittee shall notify the Air Resources Division (ARD) fifteen (15) days prior to source testing in accordance with Rule 17-2.700(2)(a)5., Florida Administrative Code (FAC), and Rule 2.501, Jacksonville Environmental Protection Board (JEPB).
2. Copies of the test report(s) shall be submitted to ARD within forty-five (45) days of completion of testing in accordance with Rule 17-2.700(7)(b), FAC, and rule 2.501, JEPB.
3. Testing of emissions shall be accomplished at a minimum of 90% of the permitted capacity. If testing is performed at a rate less than 90% of the permitted capacity, operation shall be limited to a maximum of 110% of the tested capacity until such time as an acceptable test is performed at a minimum of 90% of the permitted capacity. When operation is restricted to a lower capacity because of testing at such a level, ARD, upon advanced notification, will allow operation at higher capacities if such operation is for demonstrating compliance at a higher capacity.
4. Any revision(s) to a permit (and application) shall be submitted to and approved by ARD prior to implementing.
5. Control equipment shall be provided with a method of access that is safe and readily accessible.
6. Stack sampling ports and platforms shall not be required.
7. Permittee shall submit an annual operation report to ARD for this (these) source (sources) on the form(s) supplied for each calendar year on or before March 1 in accordance with Rule 17-4.140, FAC.
8. The following pollutant(s) shall be tested at intervals indicated from the date of July 1, 1991:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
10.	*Visible Emissions (VE)	12 months	DER Method 9

*Testing shall be performed firing No. 2 fuel oil

9. The applicable emission limiting rules shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>¹FAC</u>	<u>²JEPB</u>
10	VE	17-2.630(1)	2.210
	Particulate Matter	17-2.630(1)	2.210
	Sulfur Dioxide	17-2.630(1)	2.210

mittee:

Jacksonville Electric Authority

I.D. Number:

Permit/Certification Number:

Date of Issue:

Expiration Date:

31-16-0046-10

A016-196974

June 30, 1996

10. The maximum allowable emissions shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Opacity</u>
10	VE	15%, 40% (2) minutes per hour

11. Operation shall be limited to 8760 hours per year.

12. The maximum heat input shall be limited to 21.0 x 10⁶ BTUs per hour firing natural gas or Virgin No. 2 Fuel Oil.

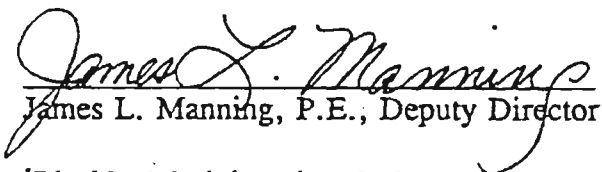
13. The maximum sulfur content of Virgin No. 2 Fuel Oil shall be limited to 0.5% by weight.

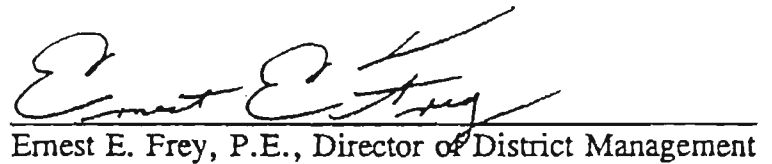
14. Testing performed upon request shall be in accordance with ASTM Method D 2622-82 (Sulfur in Petroleum Products X-Ray Spectrographic Method) or other method approved in advance by ARD.

15. The permittee shall apply for a renewal operation permit sixty (60) days prior to the expiration date of this permit in accordance with Rule 17-4.090, FAC. Failure to submit a renewal application sixty (60) days prior to the expiration date shall result in the assessment of a penalty in accordance with Section 360.701(a)10., Ordinance Code, City of Jacksonville.

City of Jacksonville
Department of Health, Welfare, and
Bio-Environmental Services

State of Florida
Department of Environmental Regulation

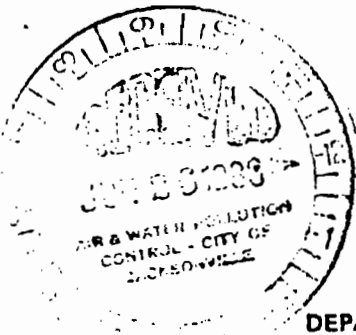

James L. Manning, P.E., Deputy Director


Ernest E. Frey, P.E., Director of District Management

¹Florida Administrative Code

²Jacksonville Environmental Protection Board

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52, Florida
Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged. 8/5/91
Billy James Clerk Date



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

AIR POLLUTION SOURCES
CERTIFICATE OF COMPLETION OF CONSTRUCTION*

PERMIT NO. AC 16-86190 DATE: June 12, 1986

Company Name: Jacksonville Electric Authority County: Duval

Source Identification(s): Southside Generating Station Auxiliary Boiler

Actual costs of serving pollution control purpose: \$ Pollution control accomplished by burning #2 distillate or natural gas

Operating Rates: 3.5 to 21 MM Btu/hr Design Capacity: 21 MM Btu/hr

Expected Normal 6-7 MM Btu/hr. During Compliance Test 22 MM Btu/hr

Date of Compliance Test: _____ (Attach detailed test report)

Test Results:	Pollutant	Actual Discharge	Allowed Discharge
	<u>Visible Emission</u>	<u>0%</u>	<u>BACT 15% opacity</u>
	<u>Sulfur Dioxide</u>	<u>0.263% S</u>	<u>BACT 0.5% sulfur fuel (distillate)</u> November 2

Plant placed in operation: May 22, 1986

This is to certify that, with the exception of deviations noted**, the construction of the project has been completed in accordance with the application to construct and Construction Permit No. AC 16-86190 dated October 15, 1984

A. Applicant:

Royce Lyles
Name of Person Signing (Type)

Royce Lyles
Signature of Owner or Authorized Representative and Title RB

Date: June 20, 1986 Telephone: (904) 633-4730

B. Professional Engineer:

Richard Breitmoser
Name of Person Signing (Type)

Richard Breitmoser
Signature of Professional Engineer

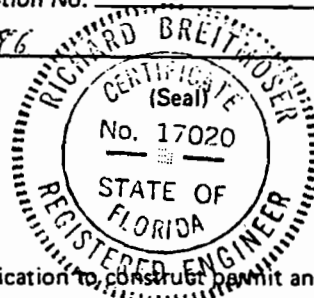
Jacksonville Electric Authority
Company Name

Florida Registration No. 17020

Date: 6/23/86

233 West Duval Street - Jacksonville 32202
Mailing Address

(904) 633-4517
Telephone Number



*This form, satisfactorily completed, submitted in conjunction with an existing application to construct permit and payment of application processing fee will be accepted in lieu of an application to operate.

**As built, if not built as indicated include process flow sketch, plot plan sketch, and updates of applicable pages of application form.

BW

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241

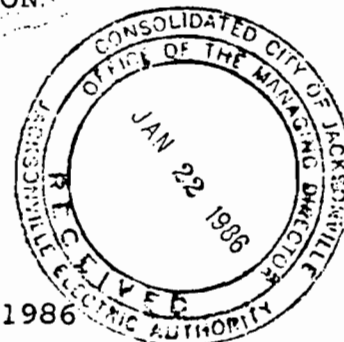


BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

Mr. Royce Lyles
Managing Director
Jacksonville Electric Authority
233 West Duval Street
Jacksonville, Florida 32202



January 15, 1986

Enclosed are Permit Numbers AC 16-108824 and AC 16-109082 to Jacksonville Electric Authority which authorize the construction of two temporary boilers at the applicant's Southside facility in Jacksonville, Duval County, Florida. These permits are issued pursuant to Section 403, Florida Statutes.

Any Party to these permits has the right to seek judicial review of the permits 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 32301; 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 these permits are filed with the clerk of the Department.

Sincerely,

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

Enclosure

cc: Richard Breitmoser, JEA
Johnny Cole, NE District
Jerry Woosley, BES

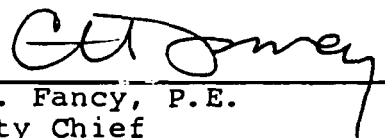
RECEIVED

FEB - 6 1986

DIVISION CHIEF
RESEARCH & ENV. AFF.

CERTIFICATION

This is to certify that the foregoing Notice of Permit and all copies requested were mailed before the close of business on 16 January, 1986.



C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management
2600 Blair Stone Road
Tallahassee, Florida 32301

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Patricia B. Adams
Clerk

Jan. 16, 1986
Date

Final Determination

Jacksonville Electric Authority
Jacksonville, Florida
Duval County

Permit Number:
AC 16-108824
AC 16-109082

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

January 3, 1986

Final Determination

Jacksonville Electric Authority's application for permits to construct temporary auxiliary boilers A & B at their existing Southside facility in Duval County, Florida, has been reviewed by the Central Air Permitting Staff under the Bureau of Air Quality Management.

Public Notice of the department's Intent to Issue the construction permit was published in the Florida Times Union on October 23, 1985.

Final action of the department is based on review and comment of the interested public and affected interests. Copies of the Preliminary Determination have been available for public inspection at three locations: DER's Bureau of Air Quality Management in Tallahassee, DER's Northeast District office in Jacksonville, and the city of Jacksonville Bio-Environmental Services Division. Comments were received from the city of Jacksonville BESD (see attached).

Comments received from the city of Jacksonville (BESD) will be incorporated into the issued permit.

Attachments:

1. Proof of Publication - Public Notice
2. Comment letter: City of Jacksonville (BESD) - Dated October 29, 1985.

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Jacksonville Electric Authority
233 West Duval Street
Jacksonville, Florida 32202

Permit Number: AC 16-108824
Expiration Date: December 31, 1986
County: Duval
Latitude/Longitude: 30° 18' 57" N/
81° 38' 56" W
Project: Oil/Gas Fired Temporary
Auxiliary Boiler A,
6.1 MMBtu/hr

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 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 hereof and specifically described as follows:

For the construction of an oil (or natural gas) fired temporary auxiliary boiler "A" at the JEA's Southside Station located in Jacksonville, Florida.

Construction shall be in accordance with the attached permit application except as otherwise noted on pages 5-7, Specific Conditions.

Attachments:

1. Application to construct Air Pollution Sources, DER Form 17-1.122(16), received on August 26, 1985.
2. A BACT determination made by DER.
3. C. H. Fancy's Letter (DER), dated September 4, 1985.
4. Richard Breitmoser's letter (JEA), received September 5, 1985.

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-108824
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute 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 the 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, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-108824
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact 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.

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-108824
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

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 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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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 Florida Administrative Code Rules 17-4.12 and 17-30.30, 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 is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- (x) Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-108824
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- 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 that 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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. Except as required pursuant to DER's BACT determination, (attachment 2) and these specific conditions, the proposed boiler construction shall be carried out in accordance with the statements in the application submitted by the permittee.

2. The boiler is allowed to fire virgin No. 2 (new) fuel oil (fraction of which has been processed or refined more than once, and no fraction of which has previously been used in any application) or natural gas only with natural gas as the primary fuel. The sulfur content of the No. 2 fuel oil is limited to 0.5 percent by weight.

3. Fuel oil analysis (% sulfur by weight) shall be performed in accordance with ASTM Method D2622-82 "Sulphur in Petroleum Products"

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-108824
Expiration Date: December 31, 1986

SPECIFIC CONDITIONS:

(X-RAY Spectrographic Method) or other applicable ASTM Method. The permittee shall submit all fuel oil analyses (every oil delivery requires a fuel analysis report) with the required visible emissions report to FDER's Northeast District office and that of the Jacksonville Bio-Environmental Services Division (BESD) annually.

4. The visible emissions from the proposed boiler shall not be greater than 15% opacity with up to 40% opacity allowed for not more than two minutes in any one hour. DER Method 9 (17-2.700(6)(a)9, FAC) shall be used for the performance test conducted by the permittee.

5. The test of visible emissions shall be accomplished at 90% to 100% of the design capacity. The permittee shall notify DER's Northeast District and BESD 15 days prior to source testing.

6. The boiler is allowed to operate only when at least one of the main station units at the facility is under stand-by condition.

7. Reasonable precautions to prevent fugitive particulate emissions during construction, such as coating or spraying roads and the construction area, shall be taken by the permittee.

8. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (Rule 17-4.09, FAC)

9. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (Rules 17-4.22 and 17-4.23, FAC)

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-108824
Expiration Date: December 31, 1986

SPECIFIC CONDITIONS:

10. If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (Rule 17-4.10, FAC)

Issued this 7 day of January, 1986

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



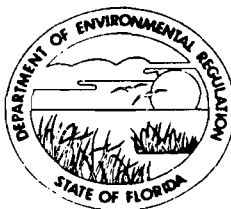
VICTORIA J. TSCHINKEL, Secretary

_____ pages attached

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Jacksonville Electric Authority
233 West Duval Street
Jacksonville, Florida 32202

Permit Number: AC 16-109082
Expiration Date: December 31, 1986
County: Duval
Latitude/Longitude: 30° 18' 57" N/
81° 38' 56" W
Project: Oil/Gas Fired Temporary
Auxiliary Boiler B,
6.1 MMBtu/hr

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code rule(s) 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 hereof and specifically described as follows:

For the construction of an oil (or natural gas) fired temporary auxiliary boiler "B" at the JEA's Southside Station located in Jacksonville, Florida.

Construction shall be in accordance with the attached permit application except as otherwise noted on pages 5-7, Specific Conditions.

Attachments:

1. Application to construct Air Pollution Sources, DER Form 17-1.122(16), received on August 26, 1985.
2. A BACT determination made by DER.
3. C. H. Fancy's Letter (DER), dated 4 September, 1985.
4. Richard Breitmoser's letter (JEA), received 5 September, 1985.

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-109082
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute 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 the 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, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-109082
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact 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.

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-109082
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

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 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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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 Florida Administrative Code rules 17-4.12 and 17-30.30, 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 is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE: Jacksonville Electric Authority Permit Number: AC 16-109082
Expiration Date: December 31, 1986

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - 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 that 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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. Except as required pursuant to DER's BACT determination, (attachment 2) and these specific conditions, the proposed boiler construction shall be carried out in accordance with the statements in the application submitted by the permittee.
2. The boiler is allowed to fire virgin No. 2 (new) fuel oil (no fraction of which has been processed or refined more than once, and no fraction of which has previously been used in any application) or natural gas only with natural gas as the primary fuel. The sulfur content of the No. 2 fuel oil is limited to 0.5 percent by weight.
3. Fuel oil analysis (% sulfur by weight) shall be performed in accordance with ASTM Method D2622-82 "Sulphur in Petroleum Products"

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-109082
Expiration Date: December 31, 1986

SPECIFIC CONDITIONS:

(X-RAY Spectrographic Method) or other applicable ASTM Method. The permittee shall submit all fuel analysis (every oil delivery requires a fuel analysis report) with the required visible emissions report to FDER's Northeast District office and that of the Jacksonville Bio-Environmental Services Division (BESD) annually.

4. The visible emissions from the proposed boiler shall not be greater than 15% opacity with up to 40% opacity allowed for not more than two minutes in any one hour. DER Method 9 (17-2.700(6)(a)9, FAC) shall be used for the performance test conducted by the permittee.

5. The test of visible emissions shall be accomplished at 90% to 100% of the design capacity. The permittee shall notify DER's Northeast District and BESD 14 days prior to source testing.

6. The boiler is allowed to operate only when at least one of the main station units at the facility is under stand-by condition.

7. Reasonable precautions to prevent fugitive particulate emissions during construction, such as coating or spraying roads and the construction area, shall be taken by the permittee.

8. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, he must notify the Department in writing 60 days prior to the expiration of the construction permit and submit a new schedule and request for an extension of the construction permit. (Rule 17-4.09, FAC)

9. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance test results and Certificate of Completion, to the Department's District office 90 days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate. (Rules 17-4.22 and 17-4.23, FAC)

PERMITTEE:
Jacksonville Electric Authority

Permit Number: AC 16-109082
Expiration Date: December 31, 1986

SPECIFIC CONDITIONS:

10. If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct which can take up to 90 days to process a complete application. (Rule 17-4.10, FAC)

Issued this 9 day of January, 1986

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION



VICTORIA J. TSCHINKEL, Secretary

___ pages attached.

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE: Jacksonville Electric Authority
233 West Duval Street
Jacksonville, Florida 32202

Permit Number: AC 16-86190
Expiration Date: July 31, 1985
County: Duval
Latitude/Longitude: 30° 18' 57" N/
81° 38' 56" W
Project: Oil/Gas Fired Auxiliary
Boiler, 21 MMBtu/hr

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 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 hereof and specifically described as follows:

For the construction of an oil (or natural gas) fired auxiliary boiler at the JEA's Southside Station located in Jacksonville, Florida.

Construction shall be in accordance with the attached permit application except as otherwise noted on pages 5 and 6, Specific Conditions.

Attachments:

1. Application to construct Air Pollution Sources, DER Form 17-1.122(16), received on April 23, 1984
2. A BACT determination made by DER.
3. JEA's comments to the public notice, received on August 10, 1984.
4. Final Order, dated October 9, 1984, dismissing petition for administrative hearing.

PERMITTEE:
Jacksonville Electric Authority

I. D. Number:
Permit Number: AC 16-86190
Expiration Date: July 31, 1985

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute 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 the 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, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Jacksonville Electric Authority

I. D. Number:
Permit Number: AC 16-86190
Expiration Date: July 31, 1985

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact 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.

PERMITTEE:

Jacksonville Electric Authority

I. D. Number:

Permit Number: AC 16-86190

Expiration Date: July 31, 1985

GENERAL CONDITIONS:

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 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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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 Florida Administrative Code Rules 17-4.12 and 17-30.30, 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 is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- (x) Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Jacksonville Electric Authority

I. D. Number:
Permit Number: AC 16-86190
Expiration Date: July 31, 1985

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - 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 that 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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. Except as required pursuant to DER's BACT determination, (attachment 2) and these specific conditions, the proposed boiler construction shall be carried out in accordance with the statements in the application submitted by the permittee.

2. The boiler is allowed to fire virgin No. 2 fuel oil or natural gas only with natural gas as the primary fuel. The sulfur content of the No. 2 fuel oil is limited to 0.5 percent by weight.

3. The visible emissions from the proposed boiler shall not be greater than 15% opacity with up to 40% opacity allowed for not more than two minutes in any one hour. DER Method 9 (17-2.700(6)(a)9, FAC) shall be used for the performance test conducted by the permittee.

PERMITTEE:
Jacksonville Electric Authority

I. D. Number:
Permit Number: AC 16-86190
Expiration Date: July 31, 1985

SPECIFIC CONDITIONS:

4. The permittee shall submit all fuel oil analyses (every oil delivery needs a fuel analysis report) with the required visible emissions test to DER's Northeast District and Jacksonville Bio-Environmental Services Division (BESD) annually.
5. The test of visible emissions shall be accomplished at 90% to 100% of the design capacity. The permittee shall notify DER's Northeast District and BESD 14 days prior to source testing.
6. The boiler is allowed to operate only when at least one of the main station units at the facility is under stand-by condition.
7. Reasonable precautions to prevent fugitive particulate emissions during construction, such as coating or spraying roads and the construction area, shall be taken by the permittee.
8. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to the BESD office. Full operation of the source may then be conducted in compliance with the terms of this permit until expiration of this permit or receipt of an operating permit.

Issued this 15 day of oct, 1984

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

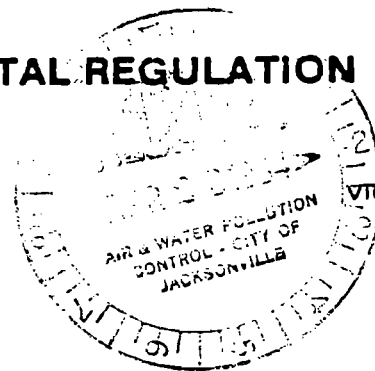
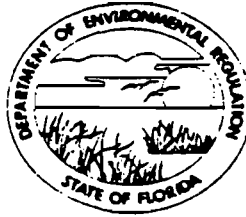
Terry Cole for
VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

DEPARTMENT OF ENVIRONMENTAL REGULATION

NORTHEAST DISTRICT

8 BILLS ROAD
JACKSONVILLE, FLORIDA 32207



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

G. DOUG DUTTON
DISTRICT MANAGER

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Oil/Gas Fired Boiler [X] New¹ [] Existing¹

APPLICATION TYPE: [X] Construction [] Operation [] Modification

COMPANY NAME: Jacksonville Electric Authority COUNTY: Duval

Identify the specific emission point source(s) addressed in this application (i.e. Lime
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Auxiliary Boiler

SOURCE LOCATION: Street 801 Colorado Avenue City Jacksonville

UTM: East 17-437.64 North 3353.82

Latitude 30 ° 15' 57"N Longitude 81 ° 38' 56"W

APPLICANT NAME AND TITLE: Royce Lyles, Managing Director

APPLICANT ADDRESS: 233 West Duval Street, Jacksonville, Florida 32202

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Jacksonville Electric Authority

I certify that the statements made in this application for a construction permit are true, correct and complete to the best of my knowledge and belief. Further I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permit establishment.

*Attach letter of authorization

Signed: Royce Lyles

Royce Lyles, Managing Director
Name and Title (Please Type)

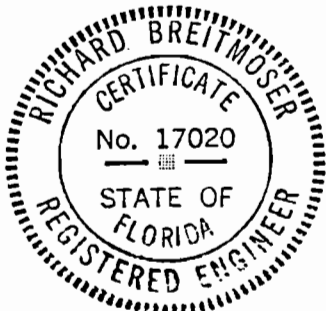
Date: APR 19 1984 Telephone No. 904-633-4780

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

¹ See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.



Signed _____

Richard Breitmoser

Name (Please Type)

Jacksonville Electric Authority

Company Name (Please Type)

Box 53015, Jacksonville, Fla. 32201

Mailing Address (Please Type)

Florida Registration No. 17020 Date: 4/17/84 Telephone No. 904-633-4517

SECTION II: GENERAL PROJECT INFORMATION

- A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

Proposed unit is a stand-by auxiliary boiler to provide steam for essential station services during outages of main generating units. It will provide hot fuel oil to permit clean start-up of the main station units after outages. Since it will operate only in lieu of main units it will not increase total station emissions.

- B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction 7/2/84 Completion of Construction 12/31/84

- C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

Pollution control will be accomplished with the combustion control system, an essential operating component of the boiler system, in conjunction with premium fuels.

- D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

This unit will operate during outages of:

SS #4 AO 16-19287, rev. 6/16/83, expires 11/30/84, and

SS #5 AO 16-59262, rev. 6/16/83, expires 8/31/87.

E. Requested permitted equipment operating time: hrs/day 24; days/wk 7; wks/yr 52; if power plant, hrs/yr 8760; if seasonal, describe: This unit will operate only as a standby unit to provide essential services when the station generating units are shut down. It is estimated to operate less than 25% of the time but may be needed full time in winter or prior to start-up of a generating units.

F. If this is a new source or major modification, answer the following questions. (Yes or No)

1. Is this source in a zone of influence for a non-attainment area for a particular pollutant? Yes
- a. If yes, has "offset" been applied? No
- b. If yes, has "Lowest Achievable Emission Rate" been applied? Yes
- c. If yes, list non-attainment pollutants. Particulate
2. Does best available control technology (BACT) apply to this source? Yes
If yes, see Section VI.
3. Does the State "Prevention of Significant Deterioration" (PSD) requirement apply to this source? If yes, see Sections VI and VII. No
4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? No
5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? No
- H. Do "Reasonably Available Control Technology" (RACT) requirements apply to this source? No
- a. If yes, for what pollutants? _____
- b. If yee, in addition to the information required in this form, any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

This unit, at approximately 20 MBH input, operates only in lieu of other units, the smallest of which is 380 MBH. The auxiliary stack will be less than 75 m. from existing stacks and emissions from the facility, as modified, will always be less when the proposed unit is in operation than emissions from the unmodified facility. Particulate emissions from the proposed premium fuels will be so low as to constitute LAER. The Department can determine, under 17-2.520(3)(b) that the proposed modification will not interfere with reasonable progress toward attainment.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

NA

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): NA

2. Product Weight (lbs/hr): _____

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Calculated on basis of #2 fuel oil, the normal fuel, @ 25% L.F. and 0.3% average sulfur.

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
SO ₂	10.5	6.9	BACT	10.5	10.5	46	Stack
NO _x	3.0	3.3	NA	NA	3.0	13	outlet
Particulate	0.30	0.33	LAER	0.30	0.30	1.3	
(Particulate data based on AP-42, 0.015 Lb/MBtu. Vendor projects 0.01 Lb/MBtu).							

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).
 SO₂ = 142 S/K Gal., @ 135 K Btu/Gal = 1.05 S/MBtu. 1.05 X 0.5 X 20 MBH = 10.5 Lb SO₂/hr.
 NO_x = 20 #/K Gal., @ 135 K Btu/Gal = 0.15 Lb/MBtu. 0.15 X 20 = 3.0 Lb NO₂/hr.
 TSP = 2 #/K Gal., @ 135 K Btu/Gal = 0.015 Lb/MBtu. 0.015 X 20 = 0.3 Lb TSP/hr.

D. Control Devices: (See Section V, Item 4) NA

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
#2 Fuel Oil	20	145	19.8
Natural Gas	0	0.021	20.7

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis: #2 Oil

Percent Sulfur: < 0.5 Percent Ash: < 0.01

Density: + 6.8 lbs/gal Typical Percent Nitrogen: 0.1

Heat Capacity: + 19,500 BTU/lb + 135,000 BTU/gal

Other Fuel Contaminants (which may cause air pollution): None known

Nat. Gas: 0.0035 %S, 1000 Btu/scf, 0.4% N₂ (vol).

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average 5 Maximum 20

G. Indicate liquid or solid wastes generated and method of disposal.

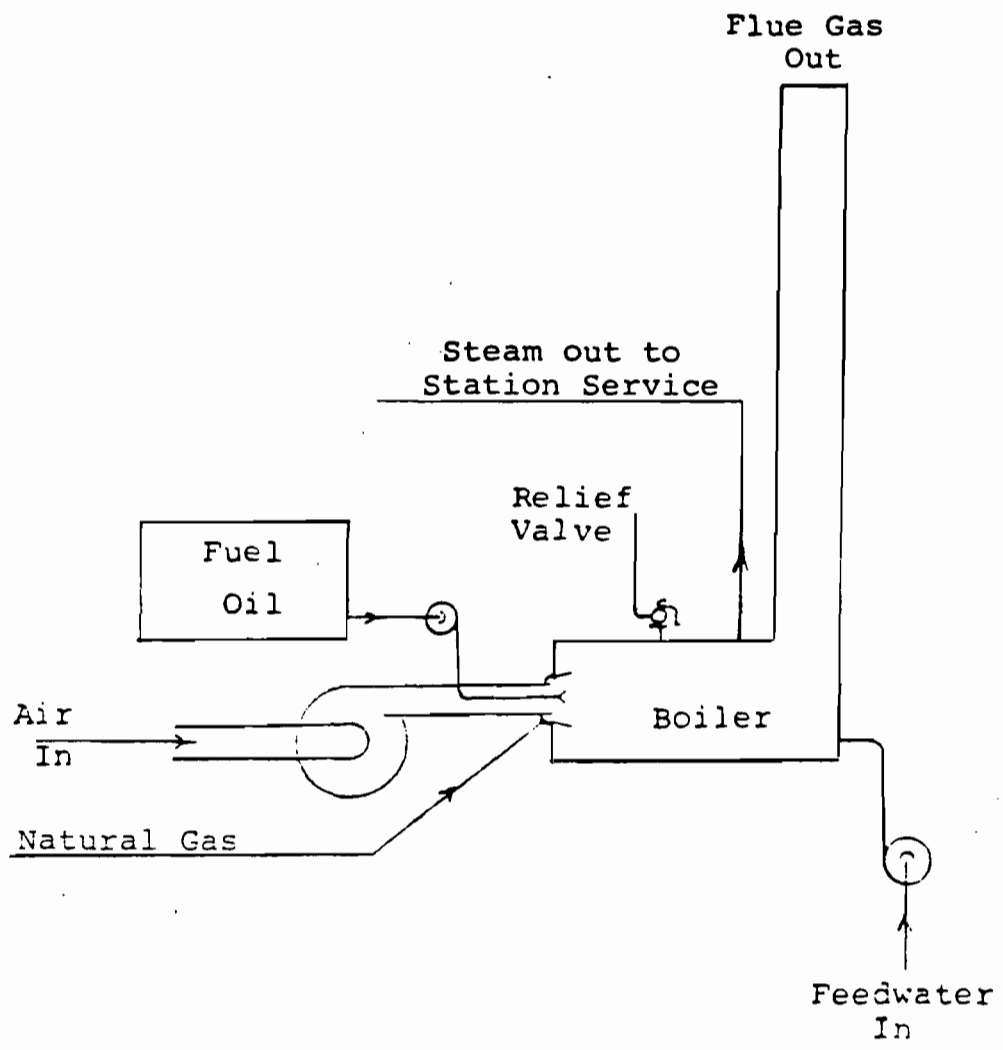
None

4. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: 30 ft. Stack Diameter: 2.0 ft.
 Gas Flow Rate: 6840-7050 ACFM 3475-3585 DSCFM Gas Exit Temperature: 400-450 °F.
 Water Vapor Content: 16 11 % Velocity: 36 37 FPS
 NG #2 oil NG #2 oil

Date 11/3/83	JACKSONVILLE ELECTRIC AUTHORITY	Sheet 1 of 1
-----------------	---------------------------------	-----------------------

Southside Generating Station
 Auxiliary Boiler Flow Diagram



SH-PS-83-12

Brief description of operating characteristics of control devices: NA

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NA

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

[] Yes [X] No

Contaminant	Rate or Concentration

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

[] Yes [X] No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration
SO ₂	10.5 Lb/hr Max., 1.6 Lb/hr Avg.
NO _x	3.0 Lb/hr Max., 0.75 Lb/hr Avg.
TSP (BACT & LAER)	0.30 Lb/hr Max., 0.075 Lb/hr Avg.

D. Describe the ~~existing~~ ^{proposed} control and treatment technology (if any).

- | | |
|---|--------------------------|
| 1. Control Device/System:
Positioning fuel/air proportioning with oxygen trim; fuel sulfur spec. | 2. Operating Principles: |
| 3. Efficiency:* | 4. Capital Costs: |
| NA | Included in boiler cost. |
- *Explain method of determining

- 5. Useful Life: Boiler Life
- 7. Energy: None additional
- 9. Emissions:

- 6. Operating Costs: None additional
- 8. Maintenance Cost: \$1000/yr

Contaminant	Rate or Concentration
SO ₂	10.5 Lb/hr Max., 1.6 Lb/hr Avg.
NO _x	3.0 Lb/hr Max., 0.75 Lb/hr Avg.
TSP	0.30 Lb/hr Max., 0.075 Lb/hr. Avg.

10. Stack Parameters

- a. Height: 30 ft.
- b. Diameter: 2.0 ft.
- c. Flow Rate: 7000 ACFM
- d. Temperature: 400 °F.
- e. Velocity: 36 FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

No other control technologies are known to be used on units of this type, size and fuel
 1. except less sophisticated combustion control.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

a. Control Device:

b. Operating Principles:

c. Efficiency:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

a. Control Device:

b. Operating Principles:

c. Efficiency:¹

d. Capital Costs:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

1. Control Device:

2. Efficiency:¹

3. Capital Cost:

4. Useful Life:

5. Operating Cost:

6. Energy:²

7. Maintenance Cost:

8. Manufacturer:

9. Other locations where employed on similar processes:

a. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂* _____ Wind spd/dir

Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.
Because of the great reduction in total emissions, PSD evaluation is not believed necessary.

*Specify bubbler (B) or continuous (C).

2. Instrumentation, Field and Laboratory

- a. Was instrumentation EPA referenced or its equivalent? Yes No
- b. Was instrumentation calibrated in accordance with Department procedures?
 Yes No Unknown

B. Meteorological Data Used for Air Quality Modeling

- 1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
month day year month day year
- 2. Surface data obtained from (location) _____
- 3. Upper air (mixing height) data obtained from (location) _____
- 4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

- 1. _____ Modified? If yes, attach description.
- 2. _____ Modified? If yes, attach description.
- 3. _____ Modified? If yes, attach description.
- 4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

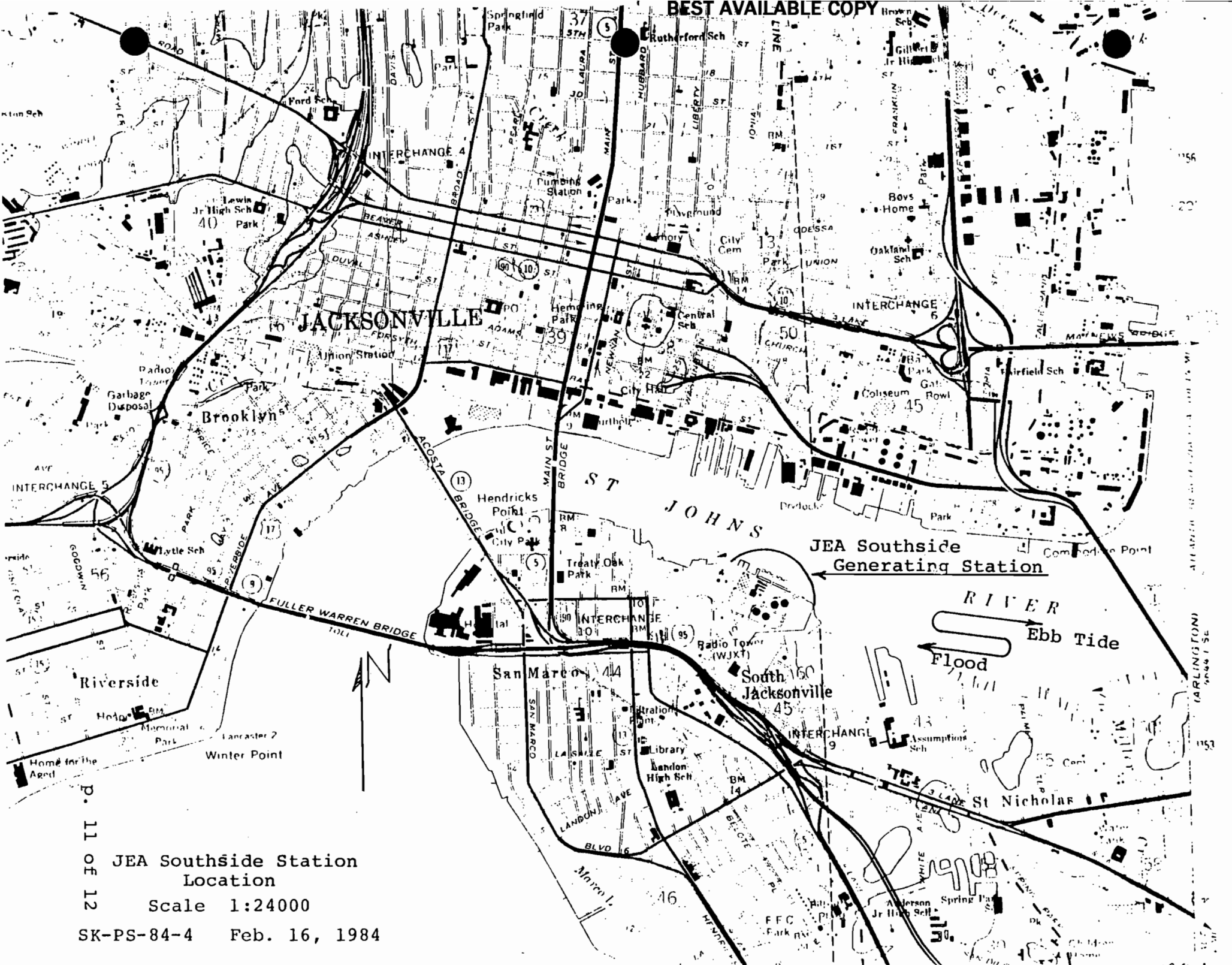
Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO ²	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

- F. Attach all other information supportive to the PSD review.
- G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.
- H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.



p. 11 OF 12

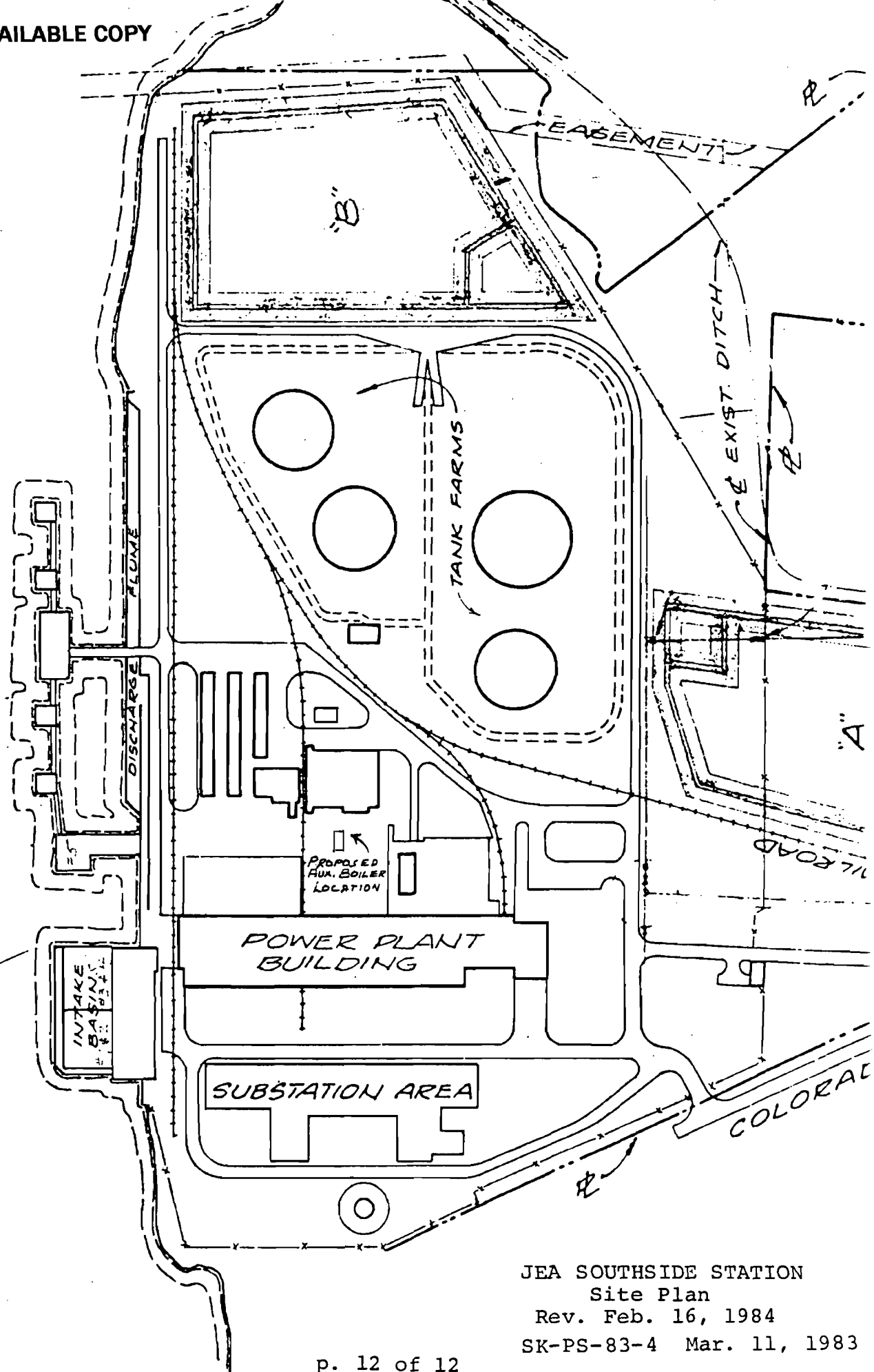
JEA Southside Station
 Location
 Scale 1:24000
 SK-PS-84-4 Feb. 16, 1984

156
20

157
158

159

ST. JOHNS RIVER



JEA SOUTHSIDE STATION
Site Plan

Rev. Feb. 16, 1984

SK-PS-83-4 Mar. 11, 1983



Florida Department of Environmental Regulation

Northeast District • Suite B200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577

Lawton Chiles, Governor

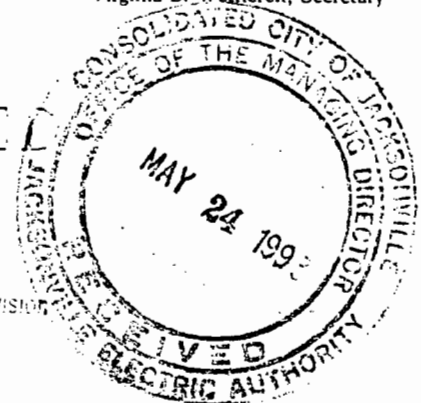
Virginia B. Werherell, Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED - RETURN RECEIPT

Mr. Royce Lyles, Managing Director
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202

RECEIVED



Environmental Affairs Division

Dear Mr. Lyles:

Duval County - AP
Jacksonville Electric Authority
Southside Generating Station Fuel Oil Storage Tanks

Enclosed is Permit Number A016-225066 to operate the subject air pollution source, pursuant to Section 403.087, Florida Statutes (FS).

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, Florida 32399-2400, within 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 require reversal or modification of the Department's action or proposed action; and

PERMITTEE:

Jacksonville Electric authority

Page two

AO16-225066

(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.

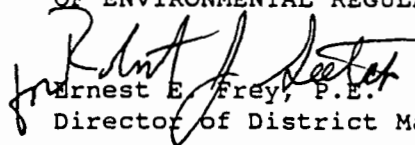
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard 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 allowed 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.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Ernest E. Frey, P.E.

Director of District Management

EEF:bt

Copies furnished to: RESD, Jacksonville, Fl.

CERTIFICATE OF SERVICE

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



Florida Department of Environmental Regulation

Northeast District • Suite B200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577

Lawton Chiles, Governor

Carol M. Browner, Secretary

Permittee:

Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

I.D. Number:

31-16-0046-(08, 09)

Permit/Certification Number: AO16-225066

Date of Issue:

Expiration Date:

April 30, 1998

County:

Duval

Latitude/Longitude:

30:19:00/81:38:57

UTM: Zone 17

E-437.667 N-3353.900

**Project: Southside Generating Station Fuel Oil
Storage Tanks**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-210, 17-212, 17-272, 17-296, 17-297 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 hereof and specifically described as follows:

For the operation of the Southside Generating Station Fixed Roof Fuel Oil Storage Tank Nos. 1 through 5.

Emission source(s) shall be as follows:

Point

Source

08

Fuel Oil Storage Tank Nos. 1 - 4 (Residual Fuel Oil)

09

Fuel Oil Storage Tank No. 5 (Distillate Fuel Oil) — *Discontinued 15 June 90*

Located at 801 Colorado Ave., Jacksonville, FL 32207

Supporting documents shall be as follows:

- (1) Permit AO16-141708
- (2) Permit application received January 21, 1993
- (3) Additional Information received March 3, 1993, and May 14, 1993

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Permittee:	I.D. Number:	31-16-0046-(08, 09)
Jacksonville Electric Authority	Permit/Certification Number:	AO16-225066
	Date of Issue:	
	Expiration Date:	April 30, 1998

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to Sections 403.141, 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 process and operations applied for as 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), Florida Statutes, 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, as 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 non-compliance; and
 - b. The period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

BEST AVAILABLE COPY

Permittee:

Jacksonville Electric Authority

I.D. Number:

Permit/Certification Number:

Date of Issue:

Expiration Date:

31-16-0046-(08, 09)

AO16-225066

April 30, 1998

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 revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all reports, 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 Section 403.111 and 403.73, Florida Statutes. 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 Rules 17-4.120 and 17-20.300, FAC, 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 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 this 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:
 - the date, exact place, and time of sampling measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - 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 that 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.

Permittee:
Jacksonville Electric Authority

I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0046-(08, 09)
AO16-225066
April 30, 1998

SPECIFIC CONDITIONS:

1. Any revision(s) to a permit (and application) shall be submitted to and approved by Air Quality Division (AQD) prior to implementing.
2. Control equipment shall be provided with a method of access that is safe and readily accessible.
3. Stack sampling ports and platforms shall not be required.
4. Permittee shall submit an annual operation report to AQD for this (these) source (sources) on the form(s) supplied for each calendar year on or before March 1.
5. The applicable emission limiting rules shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>¹FAC</u>	<u>²JEPB</u>	<u>Other</u>
08, 09	Volatile Organic Compounds (VOC)	17-296.320(1)(a)	Rule 2, Part IX	

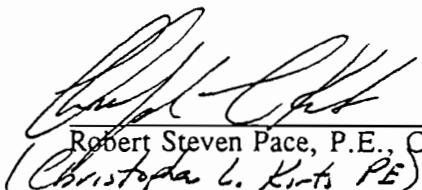
6. Operation shall be limited to 8760 hours per year.
7. The maximum annual throughput of the station shall be limited as follows:

<u>FUEL OIL</u>	<u>BARRELS PER YEAR</u>
No. 6	120,000
No. 2	2,000

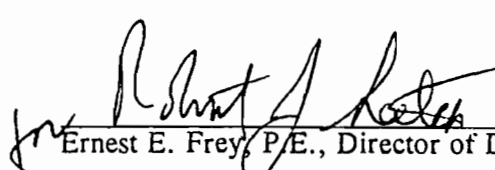
8. Records of throughput shall be maintained for a minimum of two (2) years and made available to AQD upon request.
9. The permittee shall apply for a renewal operation permit sixty (60) days prior to the expiration date of this permit in accordance with Rule 17-4.090, FAC.

City of Jacksonville
Air Quality Division

State of Florida
Department of Environmental Regulation

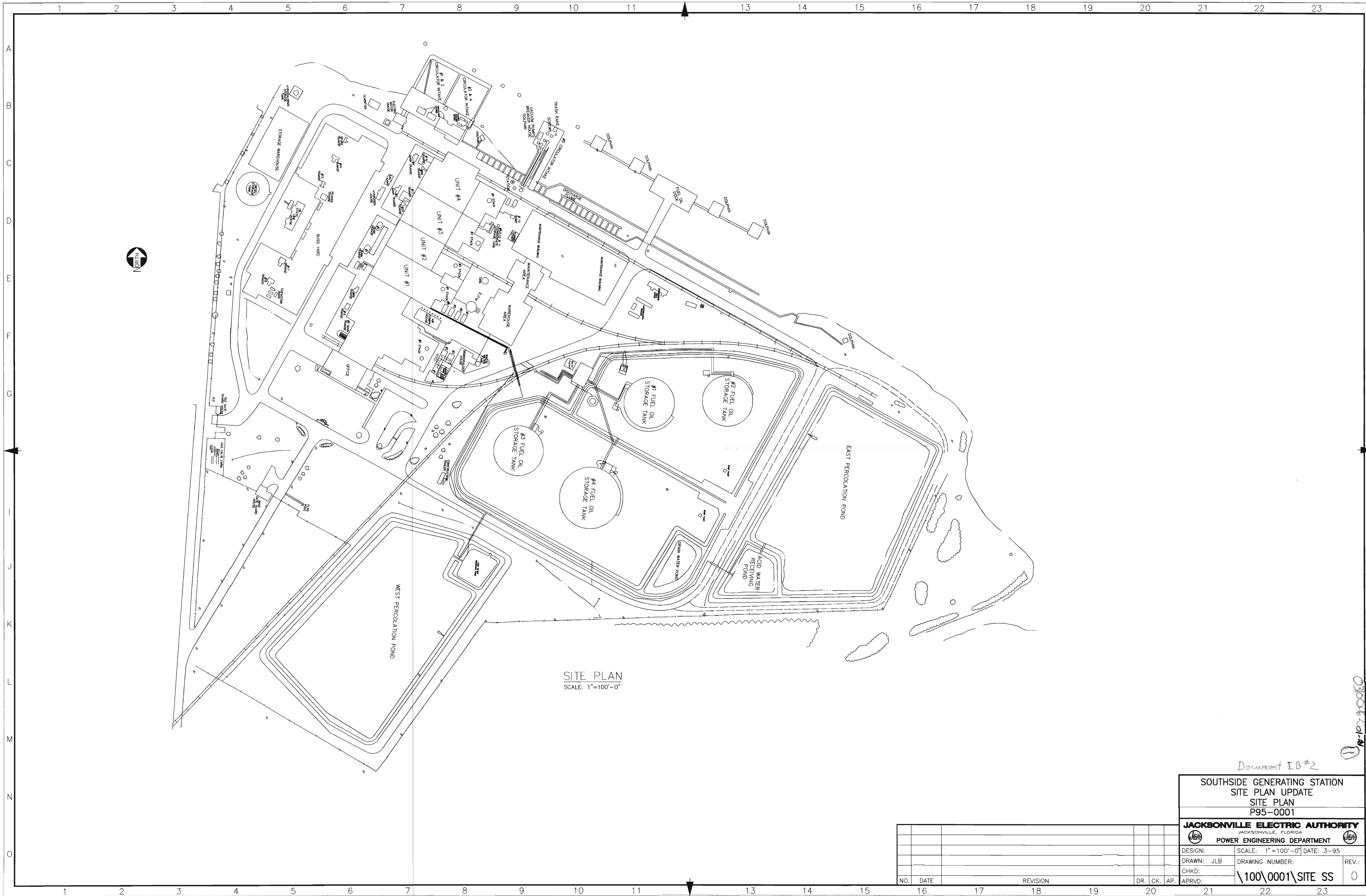


Robert Steven Pace, P.E., Chief
(Christophe L. Kirk, PE)
¹Florida Administrative Code
²Jacksonville Environmental Protection Board



Ernest E. Frey, P.E., Director of District Management

RSP/EEF/ecr



SITE PLAN
SCALE: 1"=100'-0"

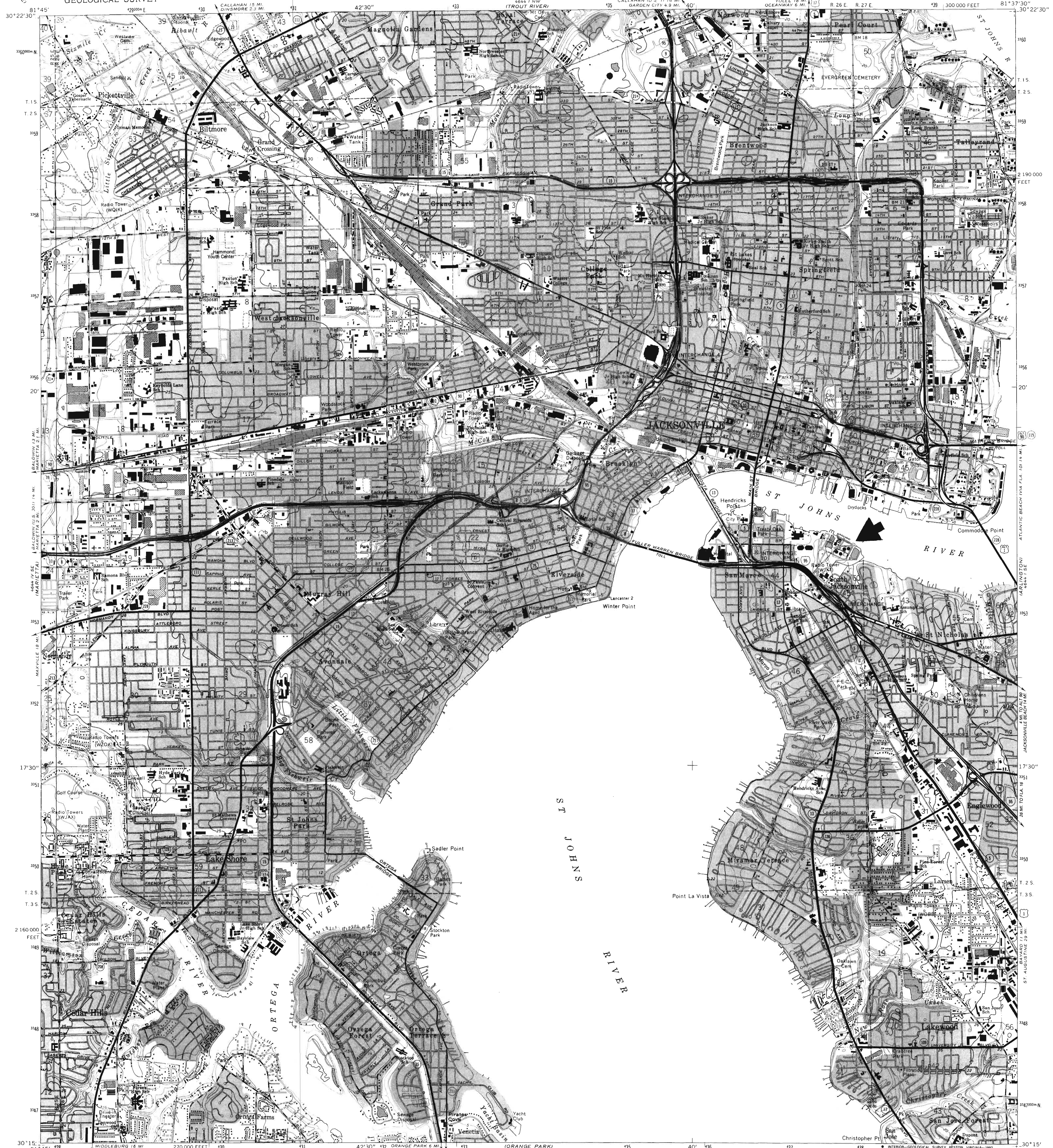
Document ID#2

SOUTHSIDE GENERATING STATION SITE PLAN UPDATE SITE PLAN P95-0001			
JACKSONVILLE ELECTRIC AUTHORITY <small>JACKSONVILLE, FLORIDA</small> POWER ENGINEERING DEPARTMENT			
DESIGN:	SCALE: 1"=100'-0"	DATE: 3-95	REV.:
DRAWN: JLB	DRAWING NUMBER:		
CHKD:	APPROVED:		
\100\0001\SITE SS			0

NO.	DATE	REVISION	DR.	CK.	AP.

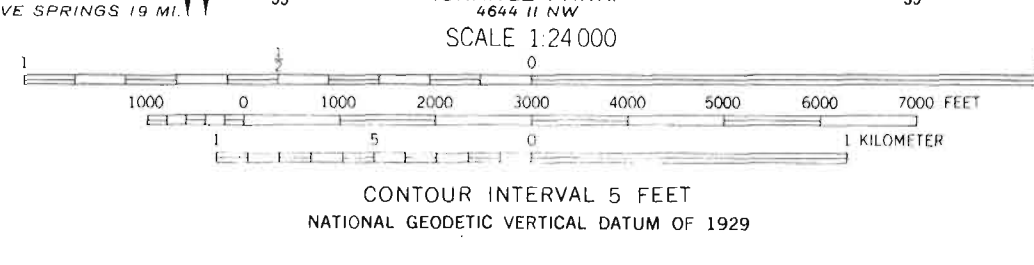
03/06/95

0310046-001-AU
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Mapped, edited, and published by the Geological Survey in cooperation with the Department of the Army
Control by USGS, NOS/NOAA, USCE, and Florida Geodetic Survey
Planimetry in part from NOS charts dated 1933
Topography by planetable surveys 1948. Revised from aerial photographs taken 1963. Field checked 1964
Projection and 10,000-foot grid ticks: Florida coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue
1927 North American Datum (NAD 27)
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are given in USGS Bulletin 1875
Red tint indicates areas in which only landmark buildings are shown
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



ROAD CLASSIFICATION
Heavy duty — Light duty
Medium-duty — Unimproved dirt
Interstate Route U.S. Route State Route

JACKSONVILLE, FLA.
30081-C6-TF-024
1964
REVISED 1992
DMA 4644 1 SW - SERIES V847

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple and woodland compiled in cooperation with State of Florida agencies in aerial photographs taken 1989 and other sources
Contours not revised. This information not field checked
Map edited 1992
Purple tint indicates extension of urban areas

Document ID #1
Location of Southside Gen. Sta.