

file



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
Northside Generating Plant- Unit #3

Enclosed is Permit Number AO16-207528 (REVISED to allow for the use of CEMs to demonstrate compliance with the applicable NO_x standards instead of an annual stack test) 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
Northside Generating Plant - Unit #3
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.

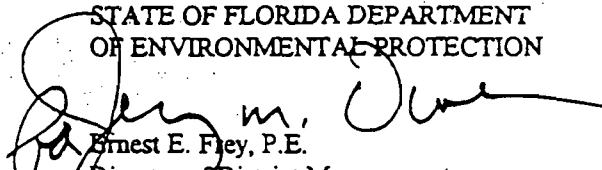
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard 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.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.
Doreen Benefield Clerk 5/1/95 Date

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

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

EEF:RCF

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 5/1/95 to the listed persons.



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: 31JAX16004503
Permit/Cert Number: AO16-207528
Date of Issue: May 20, 1992
Expiration Date: February 28, 1997
REVISED DATE: April 30, 1995
County: Duval
Latitude/Longitude: 30°24'11"N; 81°33'14"W
UTM: E-(17)446.8 ; N-3364.97
Project: Northside Steam Generator
No. 3

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 Northside Generating Station Steam Generator No. 3 which provides a maximum of 518 megawatts of electricity. The unit is fired with natural gas and/or No. 6 fuel oil.

Emission Sources are identified as follows:

Emission Source 03: Steam Generator No. 3

Located 4377 Heckscher Drive, Jacksonville, Duval County, Florida 32218

In accordance with:

Permit AO16-130950
Permit application received January 23, 1992
Permit amendment request dated July 13, 1992
Permit amendment filed August 11, 1992
Permit amendment request date March 7, 1995

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

I.D. Number: 31JAX16004503
Permit/Cert: AO16-207528
Date of Issue: May 20, 1992
Expiration Date: February 28, 1997
REVISED DATE: April 30, 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;

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

I.D. Number: 31JAX16004503
Permit/Cert: AO16-207528
Date of Issue: May 20, 1992
Expiration Date: February 28, 1997
REVISED DATE: April 30, 1995

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)

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

I.D. Number: 31JAX16004503
Permit/Cert: AO16-207528
Date of Issue: May 20, 1992
Expiration Date: February 28, 1997
REVISED DATE: April 30, 1995

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: 31JAX16004503
 Permit/Cert: AO16-207528
 Date of Issue: May 20, 1992
 Expiration Date: February 28, 1997
REVISED DATE: April 30, 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 2.0501, 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 March 1, 1991:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
03	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	DER Method 9
	(Soot Blowing)	12 months	DER Method 9
	Sulfur Dioxide (SO₂)	12 months	EPA RM 6
	Nitrogen Oxides (NO _x)	See S.C. 9	See S.C. 9

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, may be 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.

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

I.D. Number: 31JAX16004503
Permit/Cert: AO16-207528
Date of Issue: May 20, 1992
Expiration Date: February 28, 1997
REVISED DATE: April 30, 1995

SPECIFIC CONDITION 8 CONTINUED:

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, 1990)
5. DER Method as described in 62-297.420.
9. Effective on the earlier of January 1, 1996, or date of initial NO_x CEM certification, the permittee shall in accordance with the provisions of 40 CFR 60.46a(g), demonstrate compliance for nitrogen oxides (expressed as NO₂) by calculating the arithmetic average of all hourly NO_x emission rates for 30 successive boiler operating days except during periods of startup, shut down, or malfunction. For the purpose of determining these calculations, a boiler operating day is defined as a 24-hour period (between 12:01 a.m. and 12:00 midnight) during which fossil fuel is combusted in a steam operating unit for the entire 24-hours.
10. The monitoring system (CEMS) for nitrogen oxides shall be operated, and maintained in accordance with the applicable requirements of 40 CFR 60.47a. The continuous emission monitor shall meet the quality assurance requirements and performance specifications contained in 40 CFR 75.
11. A report containing all information as required by 40 CFR 60.49a, shall be submitted to the Florida Department of Environmental Protection Northeast District Office and to the AQD within 30 calendar days following the last day of the quarterly period. (Quarterly periods shall be January - March, April - June, July - September, and October - December).
12. Applicable emission limiting rules shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>FAC Rule</u>	<u>JEPB</u>
03	PM		
	(Non-soot Blowing)	62-296.405(1)(b)	2.202
	(Soot Blowing)	62-210.700(3)	2.103
	VE		
	(Non-soot Blowing)	62-296.405(1)(a)	2.202
	(Soot Blowing)	62-210.700(3)	2.103
	SO ₂	62-296.4054(1)(c)1.b	2.202
	NO _x	62-296.405(1)(d)1	2.202

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

I.D. Number: 31JAX16004503
 Permit/Cert: AO16-207528
 Date of Issue: May 20, 1992
 Expiration Date: February 28, 1997
REVISED DATE: April 30, 1995

SPECIFIC CONDITIONS:

13. 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>
03	PM				
	(Non-soot Blowing)	503.30	1928.90	0.1 lb/10 ⁶ BTU	
	(Soot Blowing)	1509.00	826.67	0.3 lb/10 ⁶ BTU	
	VE				
	(Non-soot Blowing)	—	—	—	40%
	(Soot Blowing)	—	—	—	60%
					3 hrs/day
	SO ₂	9965.34	43648.19	1.98 lb/10 ⁶ BTU	
	NO _x	1509.9	6613.36	0.30 lb/10 ⁶ BTU	

14. Operation shall be limited to 8,760 hour per year.

15. The maximum heat input shall be limited as follows:

<u>Fuel</u>	<u>Maximum Heat Input</u>
No. 6 Fuel Oil	5033 x 10 ⁶ BTU/hr
Natural Gas	5260 x 10 ⁶ BTU/hr
Dual Fired	5033 x 10 ⁶ BTU/hr

16. 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 oils as received from the supplier to include the following:

- 1. Density (ASTM D 1298-80 or equivalent)
- 2. Calorific heat value BTU per pound (ASTM D 240-76 or equivalent)

~~17. The maximum sulfur content of No. 6 fuel oils shall be limited to 1.8 percent by weight.~~

18. An Operation and Maintenance Plan, consistent with equipment manufacturer's procedures and specifications, for Opacity and NO_x continuous emission monitors shall be maintained.

19. Quarterly reports shall be submitted to AQD as follows:

- a. Excess emissions from continuous monitoring systems
- b. Continuous monitoring system outages

The report shall be submitted within 30 calendar days following the last day of the quarterly period. (Quarterly periods shall be January - March, April - June, July - September, and October - December).

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

I.D. Number: 31JAX16004503
Permit/Cert: AO16-207528
Date of Issue: May 20, 1992
Expiration Date: February 28, 1997
REVISED DATE: April 30, 1995

SPECIFIC CONDITIONS:

20. 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

FILING AND ACKNOWLEDGEMENT

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

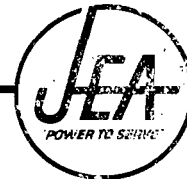
Doreen Conroy
Clerk

5/1/95
Date

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

JACKSONVILLE ELECTRIC AUTHORITY

21 WEST CHURCH STREET • JACKSONVILLE, FL 32202-3139



September 8, 1995

Mr. Robert Leetch, P.E.
Department of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

RE: Northside Generating Station Units 1
Air Operating Permit Nos. AO16-194743

Dear Mr. Leetch:

The purpose of this correspondence is to request a revision to the above referenced permit.

Currently, the permitted heat input rate for Northside unit 1 is 2767 MMBtu/hr for both gas and oil inputs. Because of the greater hydrogen to carbon ratio of gas relative to oil, more water is created during the combustion process and more heat is lost through the latent heat of vaporization of water. As previously done for our other gas burning units, we request that the permitted heat input during gas burning be increased to 2892 MMBtu/hr. This represents a 4.5 % increase in heat input over oil which is the generally accepted amount for these purposes.

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

Sincerely,

Richard Breitmoser, P.E.
Director, Environmental
Health & Safety Department

RB/NBG

cc: Ron Roberson, RESD

bc: Bill Jenkins
Richard Mallard
Robert Kappelmann
Stan Stokes
Bert Gianazza ✓
Files 4.3.1.1.
4.3.1.3

NSREV2



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

Mr. Bert Gianazza
Environmental Affairs
Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

RECEIVED

NOV 20 1991

Environmental Affairs Division

Re: Duval County - Air Pollution
Northside Generating Station
Steam Generator No. 1
Permit No. A016-194743
I.D. No. 31-16-0045-01

Dear Mr. Gianazza:

The Air Quality Division and the Department of Environmental Regulation (DER) have approved the revision of the captioned permit as follows:

SPECIFIC CONDITION NO. 10

OM: 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>
01	PM				
	(Non-Soot Blowing)	276.7	*1060.5	0.1 lb/10 ⁶ BTU	
	(Soot Blowing)	830.1	**454.5	0.3 lb/10 ⁶ BTU	
	VE				
	(Non-Soot Blowing)				20%, 40% 2 minutes per hour
	(Soot Blowing)				60% 3 hours per 24 hours
	SO ₂	5478.7	23996.5	1.98 lb/10 ⁶ BTU	

TO: 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>
01	PM				
	(Non-Soot Blowing)	276.7	*1060.5	0.1 lb/10 ⁶ BTU	
	(Soot Blowing)	830.1	**454.5	0.3 lb/10 ⁶ BTU	
	VE				
	(Non-Soot Blowing)				40%
	(Soot Blowing)				60% 3 hours per 24 hours
	SO ₂	5478.7	23996.5	1.98 lb/10 ⁶ BTU	

*Based upon 21 hours per day

**Based upon 3 hours per day


Mr. Bert Glanazza
Northside Generating Station
Permit No. A016-194743


This letter and Jacksonville Electric Authority letter dated October 16, 1991 shall be attached to and become part of the captioned permit.

Any questions in this matter should be directed to Mr. Ronald L. Roberson of Air Quality Division (AQD) at (904) 630-3666.

City of Jacksonville
Air Quality Division

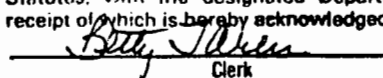
State of Florida
Department of Environmental Regulation


James L. Manning, P.E., Chief


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

cc: Mr. Andrew G. Kutyna, P.E., DER
AQD Air Permitting File
AQD File 1680-D

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


Clerk

11/19/91
Date

→ RB



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED - RETURN RECEIPT

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

RECEIVED



Dear Mr. Lyles:

JUN 05 1991

Duval County - AP
Jacksonville Electric Authority Environmental Affairs Division
Northside Steam Generator No. 1

Enclosed is Permit Number A016-194743 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

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

EEF:bt

Copies furnished to: BES, Jacksonville

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Patty Taren 5/30/91
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 5/30/91 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:

31-16-0045-01

Permit/Certification Number:

A016-194743

Date of Issue:

05-30-91

Expiration Date:

April 30, 1996

County:

Duval

Latitude/Longitude:

30:25:00/81:33:10

UTM: Zone 17

E-446.940 N-3364.995

Project:

Northside Steam

Generator No. 1

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

For the operation of Northside Generating Station Steam Generator No. 1, providing a maximum of 297.5 megawatts of electricity. Generator No. 1 is fired with No. 6 fuel oil and natural gas.

Emission source(s) shall be as follows:

Point

01

Source

Steam Generator No. 1

Located at 4377 Heckscher Drive, Jacksonville, FL 32218

Supporting documents shall be as follows:

- (1) Permit A016-120199
- (2) Permit application received March 22, 1991

Permittee:
Jacksonville Electric Authority

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

31-16-0045-01
A016-194743
April 30, 1996

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.
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:

31-16-0045-01
A016-194743
April 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.



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

Mr. Bert Gianazza
Environmental Affairs
Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

RECEIVED

NOV 20 1991

Environmental Affairs Division

Re: Duval County - Air Pollution
Northside Generating Station
Steam Generator No. 1
Permit No. A016-194743
I.D. No. 31-16-0045-01

Dear Mr. Gianazza:

The Air Quality Division and the Department of Environmental Regulation (DER) have approved the revision of the captioned permit as follows:

SPECIFIC CONDITION NO. 10

● **OM:** 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>
01	PM				
	(Non-Soot Blowing)	276.7	*1060.5	● 0.1 lb/10 ⁶ BTU	
	(Soot Blowing)	830.1	**454.5	● 0.3 lb/10 ⁶ BTU	
	VE				
	(Non-Soot Blowing)				20%, 40% 2 minutes per hour
	(Soot Blowing)				60% 3 hours per 24 hours
	SO ₂	5478.7	23996.5	● 1.98 lb/10 ⁶ BTU	

TO: 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>
01	PM				
	(Non-Soot Blowing)	276.7	*1060.5	● 0.1 lb/10 ⁶ BTU	
	(Soot Blowing)	830.1	**454.5	● 0.3 lb/10 ⁶ BTU	
	VE				
	(Non-Soot Blowing)				● 40% A.I.S.
	(Soot Blowing)				● 60% 3 hours per 24 hours
	SO ₂	5478.7	23996.5	● 1.98 lb/10 ⁶ BTU	

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

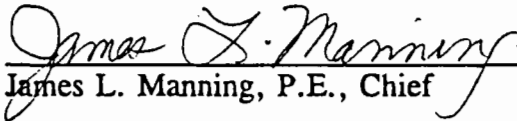
Mr. Bert Glanazza
Northside Generating Station
Permit No. A016-194743

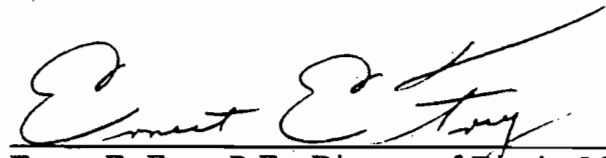
This letter and Jacksonville Electric Authority letter dated October 16, 1991 shall be attached to and become part of the captioned permit.

Any questions in this matter should be directed to Mr. Ronald L. Roberson of Air Quality Division (AQD) at (904) 630-3666.

City of Jacksonville
Air Quality Division

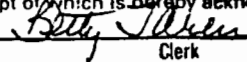
State of Florida
Department of Environmental Regulation


James L. Manning, P.E., Chief


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

cc: Mr. Andrew G. Kutyna, P.E., DER
AQD Air Permitting File
AQD File 1680-D

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


Clerk

11/19/91
Date

Permittee:
Jacksonville Electric Authority

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

31-16-0045-01
A016-194743
April 30, 1996

SPECIFIC CONDITIONS:

- A. 32*
- A. 34*
- A. 27, 28*
- TV-1*
- A. 31*
- TV-1*
- Table 2-1*
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 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 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 September 1, 1990:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>*Test Method</u>
01	● Particulate Matter (PM)		
	● (Non-Soot Blowing)	12 months ✓	● EPA Reference Method (RM) 5/17
	● (Soot Blowing)	12 months	● EPA RM 5/17

Permittee:
Jacksonville Electric Authority

I.D. Number: 31-16-0045-01
 Permit/Certification Number: A016-194743
 Date of Issue:
 Expiration Date: April 30, 1996

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>*Test Method</u>
	**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

* As described in 40 CFR 60, Appendix A (July 1, 1989)

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

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

<u>Pt. No.</u>	<u>Pollutant</u>	<u>¹FAC</u>	<u>²JEPB</u>
01	PM		
	(Non-Soot Blowing)	17-2.600(5)(a)2.	2.202
	(Soot Blowing)	17-2.250(3)	2.103
	VE		
	(Non-Soot Blowing)	17-2.600(5)(a)1.	2.202
	(Soot Blowing)	17-2.250(3)	2.103
	SO ₂	17-2.600(5)(a)3.a.(ii)	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>
01	PM				
A.8.	(Non-Soot Blowing)	276.7	*1060.5	0.1 lb/10 ⁶ BTU	
A.9.	(Soot Blowing)	830.1	**454.5	0.3 lb/10 ⁶ BTU	
	VE				
A.6.	(Non-Soot Blowing)				20%, 40% 2 minutes per hour
A.7.	(Soot Blowing)				60% 3 hours per 24 hours
A.10.	SO ₂	5478.7	23996.5	1.98 lb/10 ⁶ BTU	

*Based upon 21 hours per day

**Based upon 3 hours per day

Permittee:
Jacksonville Electric Authority

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

31-16-0045-01
A016-194743
April 30, 1996

A.4
11. Operation shall be limited to 8760 hours per year.

A.24
12. Sulfur analysis of the No. 6 fuel oil, as fired into the boiler while performing compliance testing, maybe substituted for EPA RM 6 testing and shall be reported as the sulfur content by percent (%) weight. Sulfur analysis of the No. 6 fuel oil 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 ARD.

13. Maximum heat input shall be limited as follows:

A.1

<u>Fuel</u>	<u>Maximum Heat Input</u>
No. 6 fuel oil	2767 x 10 ⁶ BTU/hr
Natural Gas	2767 x 10 ⁶ BTU/hr 2892
No. 6 fuel oil and natural gas	2767 x 10 ⁶ BTU/hr

(9-4-95 letter from ARD 8.2)

14. JEA shall record and maintain for a minimum of two (2) years the following data and made available to ARD upon request.

(a) Hourly fuel feed rate as gallons per hour or 10⁶ cubic feet per hour.

A.25
(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 as BTU per pound (ASTM D 240-76 or equivalent)

3 → **NO!**
15. Nitrogen oxides emissions shall be determined for No. 6 fuel oil, natural gas and dual fired using EPA RM 7, 7A or 7E within ninety (90) days of establishing the use of natural gas as fuel.

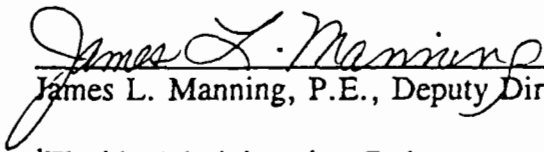
Obs
16. The permittee shall apply for a renewal operation permit sixty (60) days prior to the expiration date of this permit in accordance with Rule 17-4.090, FAC. Failure to submit a renewal application sixty (60) days prior to the expiration date shall result in the assessment of a penalty in accordance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

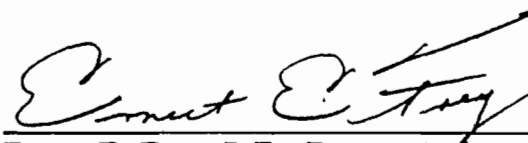
Permittee:
Jacksonville Electric Authority

I.D. Number: 31-16-0045-01
Permit/Certification Number: A016-194743
Date of Issue:
Expiration Date: April 30, 1996

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

State of Florida
Department of Environmental Regulation

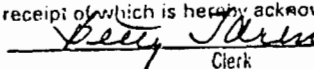

James L. Manning, P.E., Deputy Director


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.


Clerk Date 5/30/96

DEPARTMENT OF HEALTH, WELFARE
& BIO-ENVIRONMENTAL SERVICES
Air Resources Division



Permittee: Jacksonville Electric Authority
Northside

Permit/Certificate Number: A016-194743

This permit has been reviewed, and

 X No one requested a copy (in writing)

 Copy(s) shall be sent to:

Ronald A. Robinson
Signature

5/21/91
Date



CERTIFICATION

FACILITY Jacksonville Electric Authority - Northside

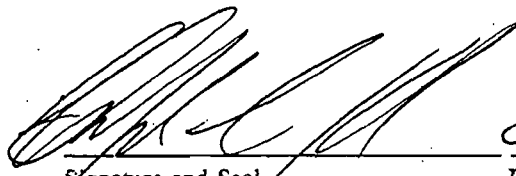
SOURCE Steam Generating Unit No. 1

APPLICATION NUMBER AO16-194743

I HEREBY CERTIFY that the engineering features described in the referenced application provide reasonable assurance of compliance with the applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

Robert S. Pace, P.E.
NAME, P.E.

Christophe L. Korts, P.E.



Signature and Seal

05-22-91
Date

BEST AVAILABLE COPY

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

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



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

APPLICATION FOR RENEWAL OF
PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Fossil Fuel Steam
Electric Generator Renewal of DER Permit No. A016-120199

Company Name: Jacksonville Electric Authority County: Duval

Identify the specific emission point source(s) addressed in this application (i.e., Line Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Northside Generating Station Steam Electric Generator Unit#1

Source Location: Street: 4377 Heckscher Drive City: Jacksonville

UTM: East 17-446,940 KM North 3364,995 KM

Latitude: 3 0° 2 5' 0 0"N. Longitude: 8 1° 3 3' 1 0"W.

1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rules 17-4.05.
2. Have there been any alterations to the plant since last permitted? Yes No
If minor alterations have occurred, describe on a separate sheet and attach.
3. Attach the last compliance test report required per permit conditions if not submitted previously. Previously submitted
4. Have previous permit conditions been adhered to? Yes No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? Yes No If yes, and not previously reported, give brief details and what action was taken on a separate sheet and attach.
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? Yes No N/A
7. Has the annual operating report for the last calendar year been submitted? Yes
 No If no, please attach.

BEST AVAILABLE COPY

1. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization Rate
	Type	%wt	
Fuel Oil Additive	MgO/MgOH	25-65%	10-50 lb/hr MgO/MgOH

B. Product Weight (lbs/hr): N/A

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
No. 6 Residual	variable	432	2767
Natural Gas	variable	2.7MMCF/hr	2767

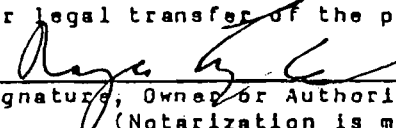
D. Normal Equipment Operating Time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;
 hrs/yr (power plants only) 8760 ; if seasonal, describe Electric power
production fluctuates due to climatic conditions, maintenance requirements,
and economic dispatch considerations.

The undersigned owner or authorized representative*** of Jacksonville Electric Authority is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

*During actual time of operation.

**Units: Natural Gas-MMCF/hr;
 Fuel Oils-barrels/hr; Coal-lbs/hr.

***Attach letter of authorization if not previously submitted

 Signature, Owner or Authorized Representative (Notarization is mandatory)

Royce Lyles, Managing Director
 Typed Name and Title

21 W. Church St.

Address

Jacksonville Florida 32202
 City State Zip

March 22, 1991 (904) 632-7560
 Date Telephone No.

BEST AVAILABLE COPY

1. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization Rate lbs/hr
	Type	%wt	
Fuel Oil Additive	MgO/MgOH	25-65%	10-50 lb/hr MgO/MgOH

B. Product Weight (lbs/hr): N/A

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
No. 6 Residual	variable	432	2767
Natural Gas	variable	2.7MMCF/hr	2767

D. Normal Equipment Operating Time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;
 hrs/yr (power plants only) 8760 ; if seasonal, describe Electric power
production fluctuates due to climatic conditions, maintenance requirements,
and economic dispatch considerations.

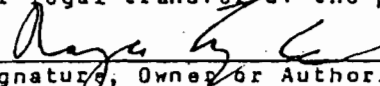
The undersigned owner or authorized representative*** of Jacksonville Electric Authority is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

*During actual time of operation.

**Units: Natural Gas-MMCF/hr; Fuel Oils-barrels/hr; Coal-

***Each application for authorization submitted





 Signature, Owner or Authorized Representative RB
 (Notarization is mandatory)
Royce Lyles, Managing Director
 Typed Name and Title
21 W. Church St.
 Address
Jacksonville Florida 32202
 City State Zip
March 22, 1991 (904) 632-7560
 Date Telephone No.

I have reviewed this application and have reasonable assurance that the construction and operation of this facility when operated in accordance with design will conform to local, State, and Federal regulations.





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

JUL 23 1990



Dear Mr. Lyles:

Environmental Affairs Division

Duval County + AP
Jacksonville Electric Authority
Northside Steam Generator No. 2

Enclosed is Permit Number A016+178094 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

Jacksonville Electric Authority

Page two

A016-178094

(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.

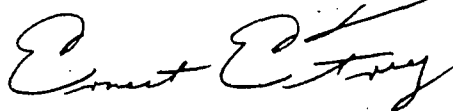
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard 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 §120.52, Florida
Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged. 7/19/90
Betty Aren
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 2/19/90 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

I.D. Number:

31-16-0045-02

Permit/Certification Number:

A016-178094

Date of Issue:

June 14, 1990

Expiration Date:

May 31, 1995

County:

Duval

Latitude/Longitude:

30:25:00/81:33:11

UTM:

E-446.900 N-3364.960

Project:

Northside Steam
Generator No. 2

Revised:

07-19-90

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 No. 6 fuel oil fired Steam Generator Boiler No. 2 (Ripley Stoker No. 3550) used to drive an electrical generator rated at 275 megawatts.

Emission source(s) shall be as follows:

Point

Source

02

Steam Generator No. 2

Located at 4377 Heckscher Drive, Jacksonville, Florida 32226

Supporting documents shall be as follows:

- (1) Permit AO16-98313
- (2) Permit application received March 23, 1990

Permittee:

Jacksonville Electric Authority

I.D. Number:

31-16-0045-02

Permit/Certification Number:

A016-178094

Date of Issue:

June 14, 1990

Expiration Date:

May 31, 1995

Revised:

07-19-90

GENERAL CONDITIONS:

- 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.
- 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:

Revised:

31-16-0045-02

A016-178094

June 14, 1990

May 31, 1995

07-10-90

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:
Permit/Certification Number:
Date of Issue:
Expiration Date:
Revised:

31-16-0045-02
A016-178094
June 14, 1990
May 31, 1995
July 19, 1990

SPECIFIC CONDITIONS:

- A.32
- A.33
- A.27, 28
- T.V.1
- A.04
- T.V.1
- Tobler
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 2.207, 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 April 1, 1990:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
02	*Particulate Matter (PM)	**6 Months	EPA Reference Method (RM) 5/17
	*Visible Emissions (VE)	**6 Months	EPA RM 9 <i>dep</i>
	*Sulfur Dioxide (SO ₂)	**6 Months	EPA RM 6

*Shall be performed simultaneously during soot blowing and non-soot blowing operating modes.

**The interval for testing shall revert to once every twelve (12) months if, (1) permittee demonstrates compliance with the applicable emission limits in two (2) consecutive, duly scheduled, and valid tests, and (2) neither BESD nor the Department have independently conducted valid tests demonstrating noncompliance.

Permittee:
Jacksonville Electric Authority

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

31-16-0045-02
A016-178094
June 14, 1990
May 31, 1995
July 19, 1990

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

<u>Pt. No.</u>	<u>Pollutant</u>	<u>¹FAC</u>	<u>²JEPB</u>
02	PM (soot blowing)	17-2.250(3)	2.103
	PM (non-soot blowing)	17-2.650(2)(c)2.b.(i)	2.207
	VE (soot blowing)	17-2.250(3)	2.103
	VE (non-soot blowing)	17-2.650(2)(c)2.b.(ii)	2.207
	SO ₂	17-2.600(5)(a)3.a.(ii)	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>
02	A.4 PM (soot blowing)	705.6	386.3	0.3 lb/10 ⁶ BTU	60% 20% ← 2 min/hr - 40%
	A.4 PM (non-soot blowing)	235.2	901.4	0.1 lb/10 ⁶ BTU	
	A.7 VE (soot blowing)				
	A.6 VE (non-soot blowing)				
	A.10 SO ₂	4657.0	20,397.0	1.98 lb/10 ⁶ BTU	

- A.4
A.1
A.11
A.41
N.S.C.
A.104
A.25
11. Operation shall be limited to 8760 hours per year.
12. The maximum heat input shall be limited to 2352 x 10⁶ BTUs per hour.
13. The maximum sulfur content of No. 6 fuel oil fired shall be limited to 1.8% by weight.
14. 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)4., 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.
15. Sulfur analysis of the No. 6 fuel as fired during required testing may be substituted for Method 6 testing and shall be reported as the sulfur content by percent (%) weight. Sulfur analysis shall be done in accordance with ASTM D 2622-82 or other method approved in advance by BESD.
16. Pursuant to this condition, JEA shall record and maintain for a minimum of two (2) 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 per pound (ASTM D 240-76 or equivalent)

Permittee:
Jacksonville Electric Authority

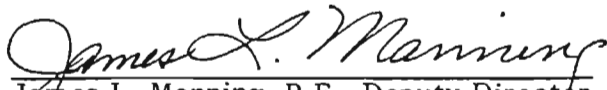
I.D. Number:
Permit/Certification Number:
Date of Issue:
Expiration Date:
Revised:

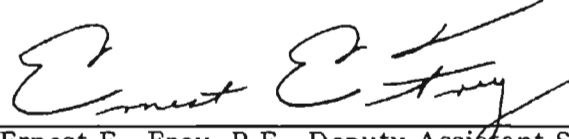
31-16-0045-02
A016-178094
June 14, 1990
May 31, 1995
07-19-90

- TV-1
A-388
04
17. JEA shall notify BESD and the administrator of EPA and comply with all requirements of 40 CFR, Part 60, Section 60.15 at any time the source shall become subject to reconstruction as defined in 40-CFR, Part 60.
 18. Within 60 days after startup of the Northside Steam Generator (boiler) No. 2, JEA shall conduct a compliance test as specified in Specific Condition 8 of this permit. The results of the testing shall be submitted to BESD within 45 days from the date of the test.
 19. 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

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 M. Neal 7/19/90
Clerk Date

¹Florida Administrative Code
²Jacksonville Environmental Protection Board

6 Pages Attached

Page 6 of 6

DER Form 17-1.201(5) Effective November 30, 1982

(Disc: 17/6-8 rlj)

BEST AVAILABLE COPY

DEPARTMENT OF HEALTH, WELFARE
& BIO-ENVIRONMENTAL SERVICES
Bio-Environmental Services Division
Air and Water Pollution Control



Permittee:

Permit/Certificate Number:

JACKSONVILLE ELECTRIC AUTHORITY

AO16-178094

This permit has been reviewed; and

 X No one requested a copy (in writing)

 Copy(s) shall be sent to:

Ronald A. Johnson
Signature

July 3, 1990
Date




CERTIFICATION

FACILITY JACKSONVILLE ELECTRIC AUTHORITY
SOURCE No. 2 Steam Generator
APPLICATION NUMBER AO16-178094

I HEREBY CERTIFY that the engineering features described in the referenced application provide reasonable assurance of compliance with the applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

Robert S. Pace, P.E.
NAME, P.E.


Signature and Seal

7/11/90
Date

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

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



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

APPLICATION FOR RENEWAL OF
PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Oil fired Boiler Renewal of DER Permit No. A016-98313

Company Name: Jacksonville Electric Authority County: Duval

Identify the specific emission point source(s) addressed in this application (i.e., Line Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Northside Generating Station #2

Source Location: Street: 4377 Heckscher Drive City: Jacksonville

UTM: East 7446.900 North 3364.960

Latitude: 3 0° 2 5' 0 0"N. Longitude: 8 1° 3 3' 1 1"W.

1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rule 17-4.05.
2. Have there been any alterations to the plant since last permitted? Yes No
If minor alterations have occurred, describe on a separate sheet and attach.
3. Attach the last compliance test report required per permit conditions if not submitted previously.
Previously submitted
4. Have previous permit conditions been adhered to? Yes No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? Yes No If yes, and not previously reported, give brief details and what action was taken on a separate sheet and attach.
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? Yes No
7. Has the annual operating report for the last calendar year been submitted? Yes No If no, please attach.

1. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	%Wt	Rate	lbs/hr
Fuel Oil Additive	Mg base	52% minimum	7.92 lb Mg	

B. Product Weight (lbs/hr): N/A

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
#6 Fuel Oil (Gal/Hr) (1.8% Sulfur)	198	388	2352

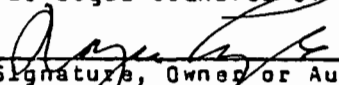
D. Normal Equipment Operating Time: hrs/day 24; days/wk 7; wks/yr 52;
 hrs/yr (power plants only) 8760; if seasonal, describe Electric power
production may fluctuate due to climatic conditions and maintenance
outage requirements.

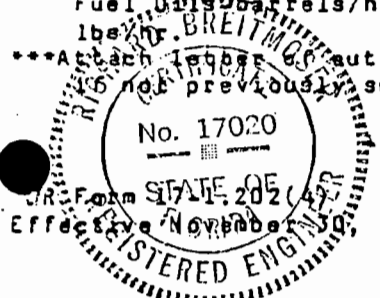
The undersigned owner or authorized representative*** of Jacksonville Electric Authority is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

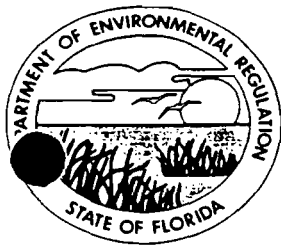
*During actual time of operation.

**Units: Natural Gas-MMCF/hr;
 Fuel Oil-barrels/hr; Coal-lbs/hr.

***Attach letter of authorization not previously submitted


 Signature, Owner or Authorized Representative
 (Notarization is mandatory)
Royce Lyles, Managing Director
 Typed Name and Title
21 West Church Street
 Address
Jacksonville, Florida 32202
 City State Zip
March 23, 1990
 Date
(904)632-6441
 Telephone No.





Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Carol M. Browner, Secretary

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

CHANGED on 5/4/94 to July 1, 1993 instead of March

RE: Duval County - Air Pollution
Jacksonville Electric Authority
Northside Generating Station Unit No. 3
Permit A016-207528
I.D. No. 31-16-0045-03

NS-3 tests March 1/91 instead of Dec/91

Dear Mr. Breitmoser:

The Air Quality Division (AQD) and the Department of Environmental Regulation (DER) have approved the revision of the captioned permit as follows:

SPECIFIC CONDITION NO. 8

FROM: The following pollutant(s) shall be tested at intervals indicated from the date of December 1, 1991:

TO: The following pollutant(s) shall be tested at intervals indicated from the date of March 1, 1991:

This letter and Jacksonville Electric Authority letter dated July 13, 1992 shall be attached to and become part of the captioned permit.

Any questions in this matter should be directed to Mr. Ronald L. Roberson at (904) 630-3666.

City of Jacksonville
Air Quality Division

State of Florida
Department of Environmental Regulation

James L. Manning
James L. Manning, P.E., Chief
JLM/EEF/nic

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

cc: Andy G. Kutyna, P.E. - DER
AQD File 1680-F
AQD Permitting File

FILING AND ACKNOWLEDGEMENT
FILED on this date, pursuant to S120.52, Florida Statutes, with the designated Department Clerk, which is hereby acknowledged. *8/11/92*
Betty Wilson
Clerk Date

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



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

cc: GSRick
S. Strick
B. Wrony
file 4,3,13
Permit Notebooks
Orig. -> vault



Florida Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT AMENDMENT

RECEIVED

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Environmental Affairs

RE: Duval County - Air Pollution
Jacksonville Electric Authority
Northside Generating Station Unit No. 3
Permit No. AO16-207528
I.D. No. 31-16-0045-03

Dear Mr. Breitmoser:

The City of Jacksonville Regulatory and Environmental Services Department (RESA) Air Quality Division (AQD) and the State of Florida Department of Environmental Protection (DEP) hereby amend the referenced permit as follows:

SPECIFIC CONDITION NO. 8

FROM: The following pollutant(s) shall be tested at intervals indicated from the date of March 1, 1991:

TO: The following pollutant(s) shall be tested at intervals indicated from the date of July 1, 1993:

AQD and DEP amend the referenced permit as authorized by Florida Administrative Code (FAC) Rule 17-4.080 and Section 403.061(14) Florida Statutes (FS). This Notice of Permit Amendment does not modify any other conditions in the referenced permit. All permit conditions are in effect and fully enforceable. Please attach this Notice of Permit Amendment to your copy of the permit.

Permit Amendment
Northside Generating Station Unit No. 3
Permit No. AO16-207528
Page 3

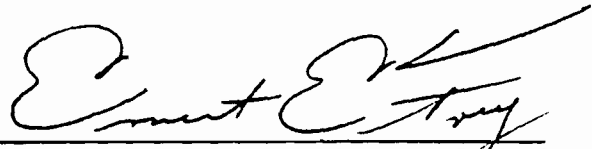
This Notice is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with this paragraph or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070,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

Executed in Jacksonville, Florida.

City of Jacksonville
Regulatory & Environmental Services
Air Quality Division

State of Florida
Department of Environmental Protection


Robert S. Pace, P.E., Chief


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

Attachment to be Incorporated

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged. 5/4/94
D. Jarrett Clerk Date

Jacksonville Electric Authority letter received April 15, 1994

c: Air Section - NEDEP
AQD File 1680-F
AQD Permitting File

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT AMENDMENT and all copies were mailed by certified mail before the close of business on 5/4/94 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

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

**RE: Duval County - Air Pollution
Jacksonville Electric Authority
Northside Generating Station Unit No. 3
Permit A016-207528
I.D. No. 31-16-0045-03**

Dear Mr. Breitmoser:

The Air Quality Division (AQD) and the Department of Environmental Regulation (DER) have approved the revision of the captioned permit as follows:

SPECIFIC CONDITION NO. 8

FROM: The following pollutant(s) shall be tested at intervals indicated from the date of December 1, 1991:

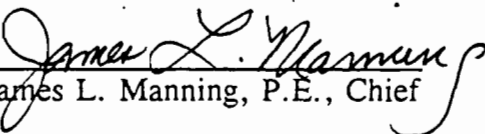
TO: The following pollutant(s) shall be tested at intervals indicated from the date of March 1, 1991:

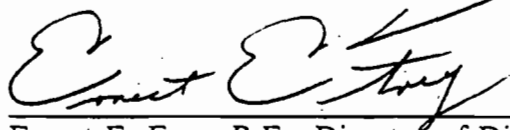
This letter and Jacksonville Electric Authority letter dated July 13, 1992 shall be attached to and become part of the captioned permit.

Any questions in this matter should be directed to Mr. Ronald L. Roberson at (904) 630-3666.

City of Jacksonville
Air Quality Division

State of Florida
Department of Environmental Regulation


James L. Manning, P.E., Chief

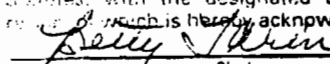

Ernest E. Frey, P.E., Director of District Management

JLM/EEF/nic

cc: Andy G. Kutyna, P.E. - DER
AQD File 1680-F
AQD Permitting File

FILING AND ACKNOWLEDGEMENT

Filed on this date, pursuant to S120.52, Florida Statutes, with the designated Department Clerk, which is hereby acknowledged. 8/11/92


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

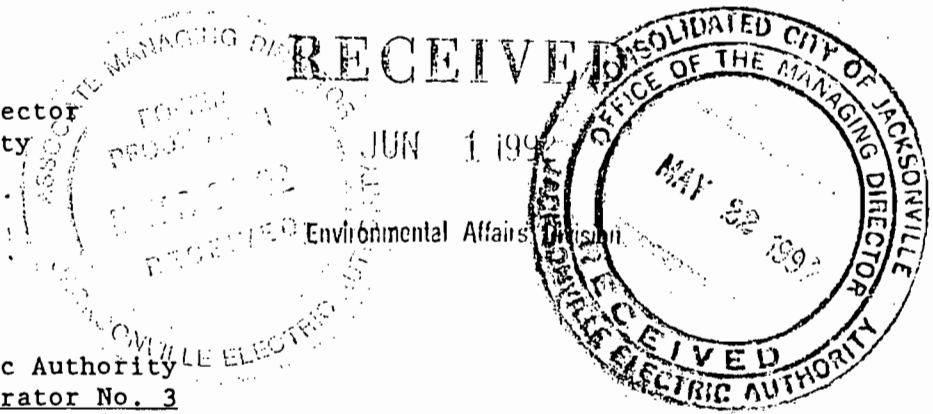
NOTICE OF PERMIT ISSUANCE

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
Northside Steam Generator No. 3



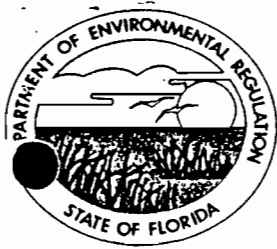
Enclosed is Permit Number A016-207528 to operate the subject air pollution source, pursuant to Section 403.087, Florida Statutes (FS).

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





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:

31-16-0045-03

Permit/Certification Number:

A016-207528

Date of Issue:

05-20-92

Expiration Date:

February 28, 1997

County:

Duval

Latitude/Longitude:

30:24:11/81:33:14

UTM: Zone 17

E-446.820 N-3364.975

Project:

Northside Steam

Generator No. 3

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 Northside Generating Station Steam Generator No. 3 providing a maximum of 518 megawatts of electricity. The unit is fired with natural gas and/or No. 6 fuel oil.

Emission source(s) shall be as follows:

Point

03

Source

Steam Generator No. 3

Located at 4377 Heckscher Drive, Jacksonville, FL 32218

Supporting documents shall be as follows:

- (1) Permit A016-130950
- (2) Permit application received January 23, 1992

Permittee:

Jacksonville Electric Authority

I.D. Number:

31-16-0045-03

Permit/Certification Number:

A016-207528

Date of Issue:**Expiration Date:**

February 28, 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:

31-16-0045-03
A016-207528
February 28, 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 17-20.300, 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:

31-16-0045-03
A016-207528
February 28, 1977

SPECIFIC CONDITIONS:

- A.32- 1. Permittee shall notify the Air Quality Division (AQD) 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).
- A.32- 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 17-2.700(7)(b), FAC, and Rule 2.501, JEPB.
- A.27- 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.
- TV-1 4. Any revision(s) to a permit (and application) shall be submitted to and approved by AQD prior to implementing.
- A.31 5. Control equipment shall be provided with a method of access that is safe and readily accessible.
- A.31 6. Stack sampling facilities shall be required and shall comply with the requirements of Rule 17-2.700(4)(c), FAC, and Rule 2.501, JEPB.
- TV-1 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 December 1, 1991:

Table 2-1

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
03	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	DER Method 9
	(Soot Blowing)	12 months	DER Method 9
	Sulfur Dioxide (SO ₂)	12 months	EPA RM 6
	Nitrogen Oxides (NO _x)	12 months	EPA RM 7, 7A, 7E

Notes:

- A.28- 1. PM and VE testing shall be performed simultaneously for non-soot blowing and soot blowing modes.
- No! A.25- 2. Sulfur analysis of the No. 6 fuel oil, as fired while testing for compliance, may be 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.
- A.23- A.32- 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, 1990)
5. DER Method as described in 17-2.700(6)(a)9. (September, 1990)

Permittee:
Jacksonville Electric Authority

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

31-16-0045-03
A016-207528
February 28, 1977

The applicable emission limiting rules shall be as follows:

<u>Pt. No.</u>	<u>Pollutant</u>	<u>1FAC</u>	<u>2JEPB</u>
03	PM		
	(Non-soot Blowing)	17-2.600(5)(a)2.	2.202
	(Soot Blowing)	17-2.250(3)	2.103
	VE		
	(Non-soot Blowing)	17-2.600(5)(a)1.	2.202
	(Soot Blowing)	17-2.250(3)	2.103
	SO ₂	17-2.600(5)(a)3.a.(ii)	2.202
	NO _x	17-2.600(5)(a)4.a.	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>
03	PM				
	(Non-soot Blowing)	503.30	1928.90	0.1 lb/10 ⁶ BTU	
	(Soot Blowing)	1509.90	826.67	0.3 lb/10 ⁶ BTU	
	VE				
	(Non-soot Blowing)				40%
	(Soot-Blowing)				60% 3 hrs/day
	SO ₂	9965.34	43648.19	1.98 lb/10 ⁶ BTU	
	NO _x	1509.90	6613.36	0.30 lb/10 ⁶ BTU	

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	5033 x 10 ⁶ BTU/hr
Natural Gas	5260 x 10 ⁶ BTU/hr
Dual Fired	5033 x 10 ⁶ BTU/hr

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:
- Density (ASTM D 1298-80 or equivalent)
 - 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 1.8 percent by weight.

15. An Operation and Maintenance Plan, consistent with equipment manufacturer's procedures and specifications, for Opacity and NO_x continuous emission monitors shall be maintained.

Permittee:

Jacksonville Electric Authority

I.D. Number:

Permit/Certification Number:

Date of Issue:

Expiration Date:

31-16-0045-03

A016-207528

February 28, 1977

16. Quarterly reports shall be submitted to AQD as follows:

- a. Excess emissions from continuous monitoring systems
- b. Continuous monitoring system outages

The report shall be submitted within 30 calendar days following the last day of the quarterly period. (Quarterly periods shall be January - March, April - June, July - September, and October - December).

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

James L. Manning
James L. Manning, P.E., Chief

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

¹Florida Administrative Code
²Jacksonville Environmental Protection Board

JLM/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.

Bette Stein 5/20/92
Clerk Date

CERTIFICATION

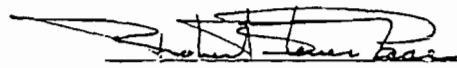
FACILITY Jacksonville Electric Authority

SOURCE Northside Steam Generator No. 3

APPLICATION NUMBER A016-207528

I HEREBY CERTIFY that the engineering features described in the referenced application provide reasonable assurance of compliance with the applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

Robert S. Pace, P.E.
NAME, P.E.


Signature and Seal

5/12/97
Date

DEPARTMENT OF HEALTH, WELFARE
& BIO-ENVIRONMENTAL SERVICES
Air Resources Division



Permittee: Jacksonville Electric Authority

Permit/Certificate Number: A016-207528

This permit has been reviewed, and

 X No one requested a copy (in writing)

 Copy(s) shall be sent to:

Small & Johnson
Signature

3-23-92
Date



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

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



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

APPLICATION FOR RENEWAL OF
PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Fossil Fuel Steam Electric Generator Renewal of DER Permit No. A016-130950
Company Name: Jacksonville Electric Authority County: Duval

Identify the specific emission point source(s) addressed in this application (i.e., Line Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Northside Generating Station Steam Electric Generator Unit #3

Source Location: Street: 4377 Heckscher Drive City: Jacksonville

UTM: East 7446.820 North 3364.975

Latitude: 30° 24' 11" N. Longitude: 81° 33' 14" W.

1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rule 17-4.05.
2. Have there been any alterations to the plant since last permitted? [] Yes [X] No
If minor alterations have occurred, describe on a separate sheet and attach.
3. Attach the last compliance test report required per permit conditions if not submitted previously. Previously Submitted
4. Have previous permit conditions been adhered to? [X] Yes [] No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? [] Yes [X] No If yes, and not previously reported, give brief details and what action was taken on a separate sheet and attach.
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? [X] Yes [] No
7. Has the annual operating report for the last calendar year been submitted? [X] Yes [] No If no, please attach.

1. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	%wt	Rate	lbs/hr
Fuel Oil Additive	MgO/MgOH	62%	8.3 gal/hr	72/hr

B. Product Weight (lbs/hr): NA

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
No. 6 Residual	510	785	5033
Natural Gas	3.15	5.06	5260

D. Normal Equipment Operating Time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;
 hrs/yr (power plants only) 8760 ; if seasonal, describe Electric power
production may fluctuate due to climatic conditions, maintenance requirements
and economic dispatch considerations.

The undersigned owner or authorized representative*** of Jacksonville Electric Authority is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

*During actual time of operation.

**Units: Natural Gas-MMCF/hr;
 Fuel Oils-barrels/hr; Coal-lbs/hr.

***Attach letter of authorization if not previously submitted

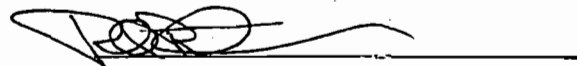
Royce Lyles 203
 Signature, Owner or Authorized Representative
 (Notarization is mandatory)
Royce Lyles, Managing Director
 Typed Name and Title
21 West Church Street
 Address
Jacksonville, FL 32202
 City State Zip
1/22/92 Date
(904) 632-6441 Telephone No.

Jacksonville Electric Authority

Date: 1/22/92

Unit: Northside Generating Station Unit #3

I have reviewed this application and have reasonable assurance that the construction and operation of this unit, when operated in accordance with design, will conform to local, State, and Federal Regulations.



Richard Breitmoser, P.E.
Division Chief
Environmental Affairs



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

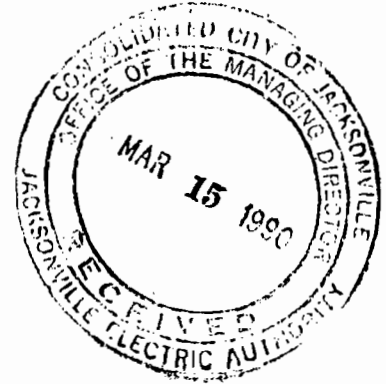
Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Ernest Frey, Deputy Assistant Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED - RETURN RECEIPT

Mr. Royce Lyles, Managing Director
Jacksonville Electric Authority
Post Office Box 53015
Jacksonville, Florida 32201



Dear Mr. Lyles:

Duval County - AP
JEA - Northside Generating Station
Combustion Turbines Nos. 3,4,5 and 6

Enclosed is Permit Number A016-173886 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

Mr. Royce Lyles
Page two
March 9, 1990

(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.

FILING AND ACKNOWLEDGEMENT
FILED on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.
W. K. Kelley Clerk 3/13/90 Date

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

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

EEF:dhk

Copies furnished to: Jacksonville BES

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 3/13/90 to the listed persons.



Florida Department of Environmental Regulation

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

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary
Ernest Frey, Deputy Assistant Secretary

Permittee:

Mr. Royce Lyles
Managing Director
Jacksonville Electric Authority
Post Office Box 53015
Jacksonville, FL 32201

L.D. Number:

Permit/Certification Number:

Date of Issue:

Expiration Date:

County:

Latitude/Longitude:

UTM:

Project:

31-16-0045-(06-09)

AO16-173886

March 9, 1990

January 31, 1995

Duval

30:25:19/81:33:16

E-446.75 N-3365.50

Combustion Turbines
No. 3, 4, 5, and 6

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

For the operation of No. 2 fuel oil (virgin) fired Combustion Turbines No. 3, 4, 5, and 6 (General Electric, Model MS 7000) for the production of electricity and having a maximum heat input of 901×10^6 BTUs per hour each.

Emission source(s) shall be as follows:

Point

06
07
08
09

Source

Combustion Turbine No. 3
Combustion Turbine No. 4
Combustion Turbine No. 5
Combustion Turbine No. 6

Located at 4377 Heckscher Drive, Jacksonville, Florida 32226

Supporting documents shall be as follows:

- (1) Permits AO16-99032, AO16-99033, AO16-99034, AO16-99036
- (2) Application received December 8, 1989.

BEST AVAILABLE COPY

Permittee:
Jacksonville Electric Authority

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

31-16-0045-(06-09) ←
AO16-173886
March 9, 1990
January 31, 1995

PERMIT CONDITIONS:

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.

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.

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.

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.

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.

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.

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

L.D. Number:**Permit/Certification Number:****Date of Issue:****Expiration Date:**

31-16-0045-(06-09)

AO16-173886

March 9, 1990

January 31, 1995

- 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:
Permit/Certification Number:
Date of Issue:
Expiration Date:

31-16-0045-(06-09)
AO16-173886
March 9, 1990
January 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). *C.15.*
- 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. *C.14.*
- 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. *C.13.*
- 4. Any revision(s) to a permit (and application) shall be submitted and approved prior to implementing. *TV-1*
- 5. Control equipment shall be provided with a method of access that is safe and readily accessible. *Obs*
- 6. Stack sampling ports and platforms shall not be required.
- 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. *TV-1*

8. The following pollutant(s) shall be tested at intervals indicated from the date of April 1, 1989:

Table 2-1

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
06 - 09	Visible Emissions (VE)	24 Months	EPA Reference Method (RM) 9

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>
06 - 09	VE	17-2.610(2)(a)	2.203	

10. The maximum allowable emissions shall be as follows:

C.51

<u>Pt. No.</u>	<u>Pollutant</u>	<u>lbs/hr</u>	<u>T/yr</u>	<u>Other</u>	<u>Opacity</u>
06 - 09	VE				≤ 20%

11. Operation shall be limited to 8760 hours per year per turbine. *C.4.*

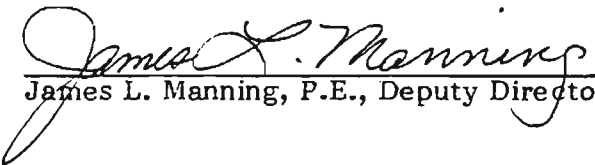
Permittee:
Jacksonville Electric Authority

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

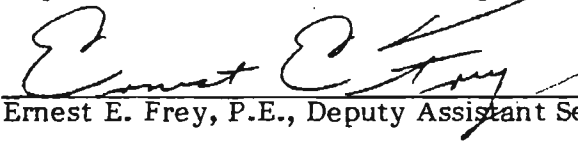
31-16-0045-(06-09)
AO16-173886
March 9, 1990
January 31, 1995

- C-1.
C-6.
C-19.
Obs.
12. Heat input shall be limited to a maximum of 901×10^6 BTUs per hour per turbine.
 13. The sulfur content of the No. 2 virgin (new) fuel oil shall be limited to a maximum of 0.5% by weight.
 14. Records of fuel consumption shall be maintained and made available to BESD upon request.
 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)19., Ordinance Code.

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


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

State of Florida
Department of Environmental Regulation

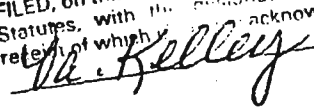

Ernest E. Frey, P.E., Deputy Assistant Secretary

- 1 Florida Administrative Code
- 2 Jacksonville Environmental Protection Board

5 Pages Attached

Page 5 of 5

DER FORM 17-1.201(5) Effective November 30, 1982
(Disc: 14/27-29 rlj)

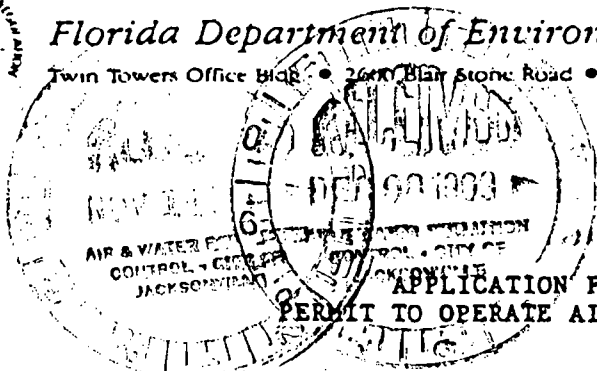
FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52, Florida
Statutes, with the designated Department Clerk,
reference of which is hereby acknowledged. 5/13/90
 Date



Florida Department of Environmental Regulation

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

DER Form _____
Form No. _____
Effective Date _____
DER Application No. _____ (Filed in the DER)



APPLICATION FOR RENEWAL OF PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Combustion Turbine Renewal of DER Permit No. A016-99032
A016-99033
A016-99034
A016-99036

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):

Northside Combustion Turbine Nos. 3, 4, 5, and 6; # 2 Fuel Oil

Source Location: Street: 4377 Hecksher Drive City: Jacksonville

UTM: East 17-446.75 km North 3365.45 km

Latitude: 3 0 ° 2 5 ' 1 8 "N. Longitude: 8 1 ° 3 3 ' 1 6 "W.

1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rule 17-4.05.
Check Enclosed
2. Have there been any alterations to the plant since last permitted? [] Yes [X] No
If minor alterations have occurred, describe on a separate sheet and attach.
3. Attach the last compliance test report required per permit conditions if not submitted previously.
Previously Submitted
4. Have previous permit conditions been adhered to? [X] Yes [] No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? [] Yes [X] No If yes, and not previously reported, give brief details and what action was taken on a separate sheet and attach.
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? [X] Yes [] No
7. Has the annual operating report for the last calendar year been submitted? [X] Yes [] No If no, please attach.

8. Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	%wt	Rate	lbs/hr

B. Product Weight (lbs/hr): NA

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
#2 Fuel Oil		155	901
Less than 0.5% sulfur	@ 5.8 MBtu/bbl		

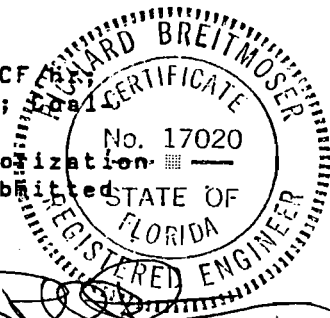
D. Normal Equipment Operating Time: hrs/day _____; days/wk _____; wks/yr _____;
 hrs/yr (power plants only) _____; if seasonal, describe Combustion turbines are
operated to provide power during short daily peaks or during very high summer and
winter peak load periods.

The undersigned owner or authorized representative*** of Jacksonville Electric Authority is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

*During actual time of operation.

**Units: Natural Gas-MMCF
 Fuel Oils-barrels/hr;
 lbs/hr.

***Attach letter of authorization if not previously submitted



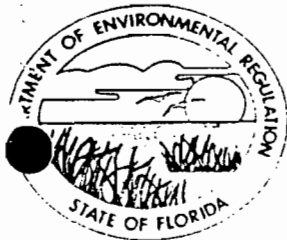
Royce Lyles
 Signature, Owner or Authorized Representative
 (Notarization is mandatory)
 Royce Lyles, Managing Director

Typed Name and Title
233 W. Duval Street

Address
Jacksonville FL 32202

City State Zip
(904) 633-4730

Date Telephone No.



Florida Department of Environmental Regulation

Northeast District • Suite 200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577 • 904-448-4300

Bob Martinez, Governor

Dale Twachtman, 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

Dear Mr. Lyles:

Duval County - AP
Jacksonville Electric Authority
Northside Generating Station, Auxiliary Boiler #1

Enclosed is Permit Number A016-183584 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.

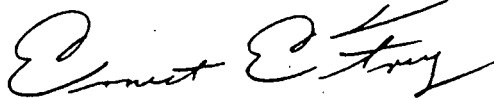
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard 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

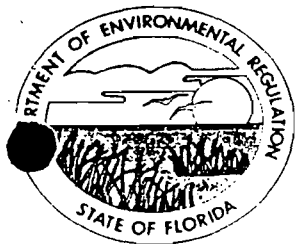
FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52, Florida
Statutes, with the designated Department Clerk,
receipt of which is hereby acknowledged.

CERTIFICATE OF SERVICE

Peggy J. Aron
Clerk

10/9/90
Date

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on 10/9/90 to the listed persons.



Florida Department of Environmental Regulation

Northeast District • Suite 200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577 • 904-448-4300

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Ernest Frey, Deputy Assistant Secretary

Permittee:

Jacksonville Electric Authority
21 West Church Street
Jacksonville, FL 32202

I.D. Number:

31-16-0045-14

Permit/Certification Number:

AO16-183584

Date of Issue:

10-09-90

Expiration Date:

August 31, 1995

County:

Duval

Latitude/Longitude:

30:25:04/81:33:09

UTM: Zone 17

E-446.900 N-3364.800

Project:

Northside Generating
Station, Auxiliary
Boiler No. 1

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

For the operation of an auxiliary boiler to provide steam for essential station services during outages of main generating units. The auxiliary boiler is fired by LP gas, natural gas, No. 2 fuel oil or No. 6 fuel oil.

Emission source(s) shall be as follows:

Point

14

Source

Auxiliary Boiler No. 1

Located at 4377 Hecksher Drive, Jacksonville, FL 32226.

Supporting documents shall be as follows:

- (1) Permit AO16-107947
- (2) Permit application received July 17, 1990

Permittee:

Jacksonville Electric Authority

I.D. Number:

Permit/Certification Number:

Date of Issue:

Expiration Date:

31-16-0045-14

AO16-183584

August 31, 1995

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 403.85 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.
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:

31-16-0045-14

AO16-183584

August 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 403.111 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

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

31-16-0045-14
AO16-183584
August 31, 1995

SPECIFIC CONDITIONS:

- B.20. 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).
- B.24. 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.
- B.18 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.
- Tv1 4. Any revision(s) to a permit (and application) shall be submitted and approved prior to implementing.
- obs 5. Control equipment shall be provided with a method of access that is safe and readily accessible.
- obs 6. Stack sampling ports and platforms shall not be required.
- Tv1 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:

Table 2-1

<u>Pt. No.</u>	<u>Pollutant</u>	<u>Interval</u>	<u>Test Method</u>
14	Visible Emissions (VE)	12 Months	EPA Reference Method 9

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

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

10. The maximum allowable emissions shall be as follows:

B.5

<u>Pt. No.</u>	<u>Pollutant</u>	<u>lbs/hr</u>	<u>T/yr</u>	<u>Opacity</u>
14	VE			15% continuous, 40% two (2) minutes per hour

Permittee:
Jacksonville Electric Authority

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

31-16-0045-14
AO16-183584
August 31, 1995

- B-4
11. Operation shall be limited to 8760 hours per year.
12. Analysis of the fuel oil shall be performed simultaneously with visible emission compliance testing. The fuel oil shall be a sample of the fuel oil being fired into the boiler during the visible emission compliance testing. Results of the analysis shall be submitted to BESD within 45 days of the date sampled.
- B-8.
13. The sulphur content (% by weight) of the following fuels shall be limited to 1.8% by weight:
- Virgin No. 6 fuel oil
 - Virgin No. 2 fuel oil
 - Blend oil (new and used [waste oil] mixture)
- B-9
- Note:** The polychlorinated biphenyl (PCB) content of the blend oil shall be limited to 0.0% by weight.
- B-17
14. The sulphur content of the fuels listed in Specific Condition No. 13 shall be tested in accordance with ASTM D 2622-82 (Sulphur in Petroleum Products - X-Ray Spectrographic Method) or other method approved in advance by BESD.
- B-1
15. Heat input shall be limited to a maximum of 123.5×10^6 BTUs per hour of LP gas, natural gas, No. 2 fuel oil or No. 6 fuel oil. 120.0
16. Records of the use of internally generated non-virgin (used) oil shall be provided upon request.
- B.3.b.
- B.4
- B.26
- A.27
17. The auxiliary boiler shall be operational only when at least one of the three larger ($\geq 2000 \times 10^6$ BTU/hr) steam generating units has been shut down or is in the startup mode of operation prior to being put on line. Compliance shall be determined by requiring that when any of boilers NS #1, NS #2, and NS #3 are shut down, that it be recorded in the proposed boiler operating log. When electrical power demand requires all three main units to be on line, the total station residual fuel consumption will be recorded for each four hour period whenever the auxiliary steam generator is operating. The total station fuel consumption must not exceed 1,440,000 pounds in any consecutive three (3) hour period. The recorded fuel consumption data will be retained for at least two years.
- ds.
18. 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.

Permittee:

Jacksonville Electric Authority

I.D. Number:

31-16-0045-14

Permit/Certification Number:

AO16-183584

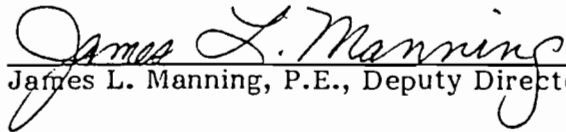
Date of Issue:

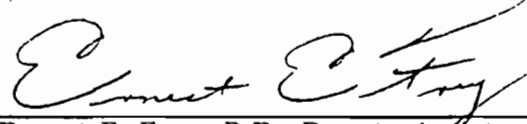
Expiration Date:

August 31, 1995

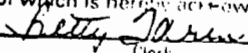
City of Jacksonville
Department of Health, Welfare, and
Bio-Environmental Services

State of Florida
Department of Environmental Regulation


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


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

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


Clerk
10/9/90
Date

¹Florida Administrative Code

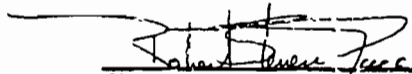
²Jacksonville Environmental Protection Board

CERTIFICATION

FACILITY JACKSONVILLE ELECTRIC AUTHORITY
SOURCE Northside Generating Station Auxiliary Boiler No. 1
APPLICATION NUMBER AO16-183584

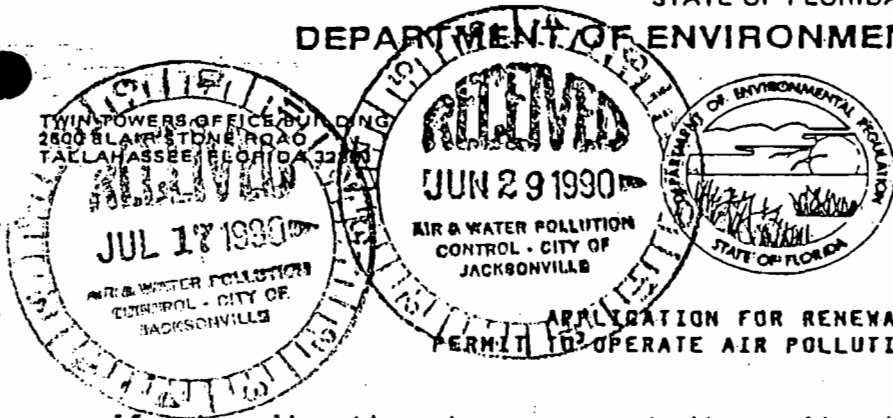
I HEREBY CERTIFY that the engineering features described in the referenced application provide reasonable assurance of compliance with the applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

Robert S. Pace, P.E.
NAME, P.E.


Signature and Seal 10/1/90 Date

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY



APPLICATION FOR RENEWAL OF PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Air Permit Application Form.

Source Type: Oil/Gas Fired Renewal of DER Permit No. A016-107947

Company Name: Jacksonville Electric Auth. County: Duval

Identify the specific emission point source(s) addressed in this application (i.e., Line Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Northside Generating Station Auxiliary Boiler #1

Source Location: Street: 4377 Hecksher Drive City: Jacksonville

UTM: East 7446.900 North 3364.800

Latitude: 30° 25' 04" N. Longitude: 81° 33' 09" W.

1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code Rule 17-4.05.
2. Have there been any alterations to the plant since last permitted? Yes No
If minor alterations have occurred, describe on a separate sheet and attach.
3. Attach the last compliance test report required per permit conditions if not submitted previously. Previously Submitted.
4. Have previous permit conditions been adhered to? Yes No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? Yes No If yes, and not previously reported, give brief details and what action was taken on a separate sheet and attach.
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? Yes No
7. Has the annual operating report for the last calendar year been submitted? Yes No If no, please attach.

Please provide the following information if applicable:

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	%wt	Rate	lbs/hr

B. Product Weight (lbs/hr): _____

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	
LP Gas	0.049	0.050	123.5
#2 Fuel Oil	17	20	118.0
#6 Fuel Oil	16	19	116.5
Natural Gas	0.10	0.119	123.5

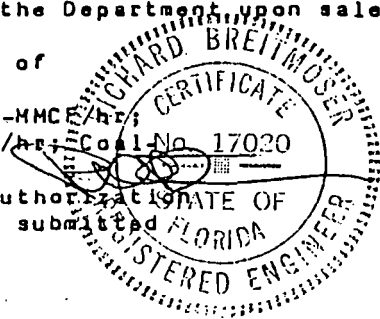
D. Normal Equipment Operating Time: hrs/day 24; days/wk 7; wks/yr 52;
 hrs/yr (power plants only) 8760; if seasonal, describe This unit is a
stand-by auxiliary boiler to provide steam for essential station
services during outages of main generating units.

The undersigned owner or authorized representative*** of Jacksonville Electric Authority is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution source and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. He also understands that a permit, if granted by the Department, will be non-transferable and he will promptly notify the Department upon sale or legal transfer of the permitted facility.

*During actual time of operation.

**Units: Natural Gas-MMCF/hr; Coal-No. 17020 Fuel Oils-barrels/hr; Coal No. 17020 lbs/hr.

***Attach letter of authorization if not previously submitted



Royce Lyles Signature, Owner or Authorized Representative (Notarization is mandatory)
Royce Lyles, Managing Director Typed Name and Title
21 West Church Street Address
Jacksonville, FL 32202 City State Zip
6-26-90 Date
632-7560 Telephone No.



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

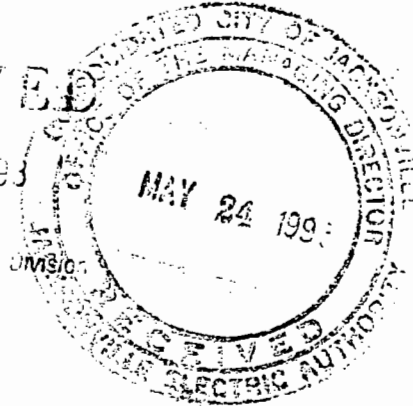
CERTIFIED - RETURN RECEIPT

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

RECEIVED

MAY 24 1993

Environmental Affairs Division



Dear Mr. Lyles:

Duval County - AP
Jacksonville Electric Authority
Northside Generating Station Fuel Oil Storage Tanks

Enclosed is Permit Number A016-225069 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

AO16-225069

(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

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

EEF:bt

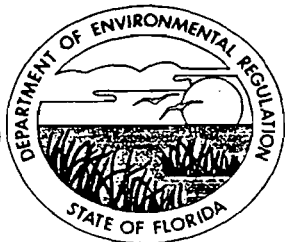
Copies furnished to: RESD, Jacksonville, Fl.

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 Ann 5/21/93
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 5/21/93 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: 31-16-0045-(10, 11, 12)
Permit/Certification Number: AO16-225069
Date of Issue: 05-21-93
Expiration Date: April 30, 1998
County: Duval
Latitude/Longitude: 30:25:00/81:33:00
UTM: Zone 17 E-446.900 N-3364.880
Project: Northside 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 Northside Generating Station Fixed Roof Fuel Oil Storage Tank Nos. 1 through 7, 10 through 14.

Emission source(s) shall be as follows:

<u>Point</u>	<u>Source</u>
10	Fuel Oil Storage Tank Nos. 1 - 7 (Residual Fuel Oil)
11	Fuel Oil Storage Tank Nos. 10, 11, 12 (Distillate Fuel Oil)
12	Fuel Oil Storage Tank Nos. 13, 14 (Residual or Distillate Fuel Oil)

Located at 4377 Heckscher Drive., Jacksonville, FL 32226

Supporting documents shall be as follows:

- (1) Permit AO16-141707
- (2) Permit application received January 21, 1993
- (3) Additional Information received March 3, 1993, and May 14, 1993

BEST AVAILABLE COPY

Permittee:
Jacksonville Electric Authority

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

31-16-0045-(10, 11, 12)
AO16-225069
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 403.86 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 and 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 an 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 therefor; 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:

31-16-0045-(10, 11, 12)
AO16-225069
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 403.11 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 17-20.300 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:

31-16-0045-(10, 11, 12)
AO16-225069
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 methods 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>
10, 11, 12	Volatile Organic Compounds (VOC)	17-296.320(1)(a)	Rule 2, Part IX	

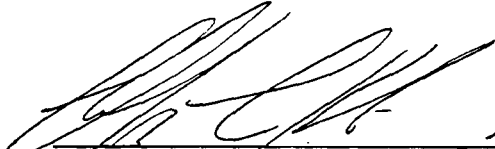
6. Operation shall be limited to 8760 hours per year.
7. The maximum annual throughput of the station shall be limited as follows:

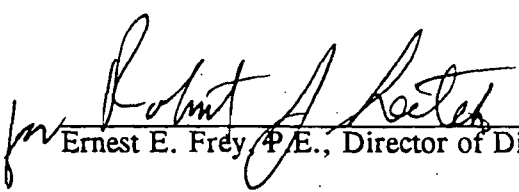
<u>FUEL OIL</u>	<u>BARRELS PER YEAR</u>
No. 6	700,000
No. 2	10,000

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
(Christoph L. Kirt PE)


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

¹Florida Administrative Code
²Jacksonville Environmental Protection Board

RSP/EEF/ecr

FILING AND ACKNOWLEDGEMENT
FILED on this date in accordance with §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged. 5/21/93
Deey Idem Clerk Date

CERTIFICATION

FACILITY JEA
SOURCE Northside Generating Station Fuel Oil Storage Tanks
APPLICATION NUMBER A016-225069

I HEREBY CERTIFY that the engineering features described in the referenced application provide reasonable assurance of compliance with the applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Title 17. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

Christopher L. Kirts, P.E.
NAME, P.E.


Signature and Seal

05 20 93
Date



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

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

RE: Duval County - Air Pollution
Northside Generating Station Fuel Oil Storage Tanks
Permit No. A016-225069
I.D. No. 31-16-0045-(10, 11, 12)

Dear Mr. Breitmoser:

The Air Quality Division (AQD) and the Department of Environmental Regulation (DER) have approved the revision of the captioned permit(s) as follows:

SPECIFIC CONDITION NO. 7

FROM: The maximum annual throughput of the station shall be limited as follows:

<u>Fuel Oil</u>	<u>Barrels Per Year</u>
No. 6	700,000
No. 2	10,000

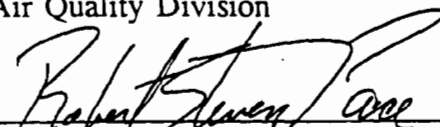
TO: The maximum annual throughput of the station shall be limited as follows:

<u>Fuel Oil</u>	<u>Barrels Per Year</u>
No. 6	3.5×10^6
No. 2	0.05×10^6

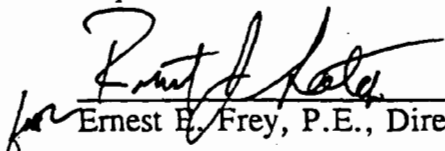
This letter and Jacksonville Electric Authority letter dated May 26, 1993 shall be attached to and become part of the captioned permit.

Any questions in this matter should be directed to Mr. Ronald L. Roberson at (904) 630-3666.

City of Jacksonville
Air Quality Division


Robert S. Pace, P.E., Chief

State of Florida
Department of Environmental Regulation


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

cc: Air Section, NEDER
AQD Air Permitting File
AQD File 1680-C

s:\roberson\revision\jeansft

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



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

Jacksonville Electric Authority

Date: 1/20/93

Unit: Northside Generating Station Petroleum Storage Facility

I have reviewed this application and have reasonable assurance that the construction and operation of this facility, when operated in accordance with design, will conform to Local, State, and Federal regulations.



Richard Breitmoser, P.E.
Chief Environmental Affairs Division



BEST AVAILABLE COPY

Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2500 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # _____
Form Title _____
Emission Class _____
DER Application No. _____

APPLICATION FOR RENEWAL OF PERMIT TO OPERATE AIR POLLUTION SOURCE(S)

If major alterations have occurred, the applicant should complete the Standard Permit Application Form.

Source Type: Northside Generating Station Renewal of DER Permit No. A016-1417

Company Name: Jacksonville Electric Authority County: Duval

Identify the specific emission point source(s) addressed in this application (i.e., Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired):

Fuel oil storage tanks (Tank Farm)

Source Location: Street: 4337 Heckscher Dr. City: Jacksonville

UTM: East 7446900 North 3364880

Latitude: 3 0° 3 3' 1 1"N. Longitude: 3 0° 2 5' 0 7"W.

- 1. Attach a check made payable to the Department of Environmental Regulation in accordance with operation permit fee schedule set forth in Florida Administrative Code 17-4.05. N/A per CAA of 1990
2. Have there been any alterations to the plant since last permitted? [] Yes [X] No If minor alterations have occurred, describe on a separate sheet and attach.
3. Attach the last compliance test report required per permit conditions if not submitted previously. N/A
4. Have previous permit conditions been adhered to? [X] Yes [] No If no, explain on a separate sheet and attach.
5. Has there been any malfunction of the pollution control equipment during tenure of current permit? [] Yes [] No If yes, and not previously reported, give brief description and what action was taken on a separate sheet and attach. N/A
6. Has the pollution control equipment been maintained to preserve the collection efficiency last permitted by the Department? [] Yes [] No N/A
7. Has the annual operating report for the last calendar year been submitted? [] No [] Yes If no, please attach. 1992 Annual Operating Report to be submitted prior to April 15, 1993.

8. Please provide the following information if applicable: N/A

A. Raw Materials and Chemical Used in Your Process:

Description	Contaminant		Utilization	
	Type	wt	Rate	lbs

B. Product Weight (lbs/hr): _____

C. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	Avg/hr*	Max/hr**	

D. Normal Equipment Operating Time: hrs/day _____; days/wk _____; wks/yr _____
 hrs/yr (power plants only) _____; if seasonal, describe _____

The undersigned owner or authorized representative*** of Jacksonville Electric Authority is fully aware that the statements made in this application for a renewal of a permit to operate an air pollution source are true, correct and complete to the best of his knowledge and belief. Further, the undersigned agrees to maintain and operate the pollution control and pollution control facilities in such a manner as to comply with the provisions of Chapter 403, Florida Statutes, and all the rules and regulations of the Department. The undersigned understands that a permit, if granted by the Department, will be non-transferable and will promptly notify the Department upon sale or legal transfer of the permitted facility.

- *During actual time of operation.
- **Units: Natural Gas-MMCF/hr; Fuel Oils-barrels/hr; Coal-lbs/hr.
- ***Attach letter of authorization if not previously submitted

Royce Lyles
 Signature, Owner or Authorized Representative
 (Notarization is mandatory)
Royce Lyles, Managing Director
 Typed Name and Title
 21 West Church Street
 Address
 Jacksonville City FL.
 Date: 1/20/93
 Telephone No.: (904) 632-6444

Page 2 of 2
Maxine M. Wiggins
 MAXINE M. WIGGINS
 Notary Public, State of Florida at Large

8/2/96

Aux Bailer 2 (only 1 running)

Permit # AC16-85951 ISS. Oct 18, 89

aux B Bailer expired 12/31/93

Northside 193

Best Siding

Revised, No fuel Sulfur limit removed.
Revision Letter

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.

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:	11/16/66
2. Long-term Reserve Shutdown Date:	N/A
3. Package Unit: Manufacturer:	N/A
Model Number:	
4. Generator Nameplate Rating:	297.5 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:	2767 (oil) 2892 (gas)	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:			
hours/day	24	days/week	7
weeks/year	52	hours/year	8760

**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						
Appendix C to Part 61 — Quality Assurance Procedures						
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, 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. *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.						
*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		
<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>*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

**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:	
Stack 1	
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 stack serving a single boiler	
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:	168 feet
7. Exit Diameter:	11.1 feet
8. Exit Temperature:	approx. 286 °F

Emissions Unit Information Section 1 of 6

9. Actual Volumetric Flow Rate:	approx. 1,000,000	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): 446:940 North (km): 3364.995	
14. Emission Point Comment (limit to 200 characters):		
acfm varies with temperature, moisture, load, etc. Stack Test date Sep. 1		

Emissions Unit Information Section 1 of 6

**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: 18.2 kgal/hr	5. Maximum Annual Rate: 159,467 kgal/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: 152 MBtu/kgal	
10. Segment Comment (limit to 200 characters): Max rates based on oil only at a heat content of 152 MBtu/kgal. Max rates vary with heat content. Unit has no fuel sulfur limit, only a max emission rate for SO ₂ of 1.98 lb/MBtu on a 24-hour (midnight to midnight) basis. This includes 1,000,000 gallons of on-spec used oil annually facility-wide. Oil and gas may be burned simultaneously using any percentage sulfur fuel oil and gas to meet emission limit. 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 1 of 6Segment 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: 2.892 MCF/hr.	5. Maximum Annual Rate: 25,334 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
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:	5479	lb/hour	23996 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:	1.98 lb/SO ₂ /MBtu
4. Equivalent Allowable Emissions:	5479 lb/hour 23996 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):	RATA may be used to fulfill stack test requirement.

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:			
PM			
2. Total Percent Efficiency of Control:		N/A	%
3. Potential Emissions:		277 lb/hour	1061 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):			
Permitted Values			

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:		830.1 lb/hour	454.48 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: Permitted			
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):			
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:	0.3 lb PM/MBtu
4. Equivalent Allowable Emissions:	830.1 lb/hour 454.5 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 hours 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:	276.7 lb/hr 1060.5 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:	VE40
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 40 % Exceptional Conditions: 60 % 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 VE limit 3 hrs/day

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

Continuous Monitoring System: Continuous Monitor 1 of 5

1. Parameter Code:	C02	2. Pollutant(s):	N/A
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other		
4. Monitor Information:	Manufacturer: KVB Model Number: 41H VER 3.1.4 Serial Number: 41H-48394-280		
5. Installation Date:	8/94		
6. Performance Specification Test Date:	12/29/94		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 2 of 5

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 VER 3.1.4 Serial Number: 42D-47916-279		
5. Installation Date:	8/94		
6. Performance Specification Test Date:	12/29/94		
7. Continuous Monitor Comment (limit to 200 characters):			

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

Continuous Monitoring System: Continuous Monitor 3 of 5

1. Parameter Code:	EM	2. Pollutant(s):	S02
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other		
4. Monitor Information:	Manufacturer: TECO Model Number: 43B VER 3.1.4 Serial Number: 43B-46895-276		
5. Installation Date:	8/94		
6. Performance Specification Test Date:	12/29/94		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 4/ of 5

1. Parameter Code:	FLOW	2. Pollutant(s):	N/A
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other		
4. Monitor Information:	Manufacturer: USI Model Number: 100 VER 3.1.4 Serial Number: 9401685		
5. Installation Date:	8/94		
6. Performance Specification Test Date:	12/29/94		
7. Continuous Monitor Comment (limit to 200 characters):			

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

Continuous Monitoring System: Continuous Monitor 5 of 5

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 VER 3.1.4 Serial Number: 400B-48382-B69/281	
5. Installation Date: 8/94	
6. Performance Specification Test Date: 12/29/94	
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) Northside	Unit Short Name, Stack or Pipe Description NS1	NADB Boiler, Stack or Pipe ID# CS0001
---------------------------------------	---	--

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					
(1) Sta- tus	(2) System ID#	(3) Parameter Monitored	(4) Primary/ Backup	(5) Com- ponent Type	(6) Component ID#	(7) Sample Acquisition Method	(8) Manufacturer	(9) Model or Version	(10) Serial #
C	100	CO ₂	P	DAHS	101		KVB	VER 3.1.4	10014001
U	100	CO ₂	P	CO2	103	DIN	TECO	41H	41H-48394-280
C	110	NO _x	P	DAHS	101		KVB	VER 3.1.4	10014001
U	110	NO _x	P	CO2	103	DIN	TECO	41H	41H-48394-280
U	110	NO _x	P	NOX	113	DIN	TECO	42D	42D-47916-279
C	120	SO ₂	P	DAHS	101		KVB	VER 3.1.4	10014001
U	120	SO ₂	P	SO2	123	DIN	TECO	43B	43B-46895-276
C	130	FLOW	P	DAHS	101		KVB	VER 3.1.4	10014001
U	130	FLOW	P	FLOW	133	U	USI	100	9401685
C	140	OP	P	DAHS	101		KVB	VER 3.1.4	10014001
U	140	OP	P	OP	143	ISC	TECO	400B	400B-48382-B69/281
(1) A - Add C - Correct D - Delete U - Unchanged (3) CO ₂ SO ₂ NO _x FLOW OP - Opacity OILM - Mass Oil Flow OILV - Volumetric Oil Flow GAS SOI - SO ₂ Inlet SOO - SO ₂ Outlet (4) P - Primary B - Backup RB - Redundant Backup RM - Reference Method Backup DB - Data Backup (5) DAHS CO ₂ SO ₂ NO _x O ₂ H ₂ O 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.

Emissions Unit Information Section 1 of 6

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	1107	lb/hour	1516	tons/year	
SO2	5479	lb/hour	23997	tons/year	
NO2			5333	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>9/95</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:

[XX] 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:

[XX] 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): Electric Steam Generating Unit #2		
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): Stack Test date Apr. 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:	11/16/66		
2. Long-term Reserve Shutdown Date:	3/1/84		
3. Package Unit:	N/A	Model Number:	
Manufacturer:			
4. Generator Nameplate Rating:	297.5	MW	
5. Incinerator Information:	N/A		
Dwell Temperature:			°F
Dwell Time:			seconds
Incinerator Afterburner Temperature:			°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	2352	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

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						
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 1 Boilers.			X		Unit
76.8	Early Election for Group 1, 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.					
	(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, acrylonitride 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 Application 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. *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.						
*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		
<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.						
♦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 ^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. *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:		
Stack 2		
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 stack serving a single boiler.		
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:	195	feet
7. Exit Diameter:	11.1	feet
8. Exit Temperature:	approx. 280	°F

Emissions Unit Information Section 2 of 6

9. Actual Volumetric Flow Rate:	approx. 900,000	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):	446.900 North (km): 3364.960
14. Emission Point Comment (limit to 200 characters):		
<p style="text-align: center;">acfm varies with temperature, load, etc. Stack Test dated Apr. 1</p>		

Emissions Unit Information Section 2 of 6

**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): #6 oil used in boiler</p>	
<p>2. Source Classification Code (SCC): 1-01-004-01</p>	
<p>3. SCC Units: kgal</p>	
<p>4. Maximum Hourly Rate: 15.5 kgal/hr</p>	<p>5. Maximum Annual Rate: 135,550 kgal/yr</p>
<p>6. Estimated Annual Activity Factor: N/A</p>	
<p>7. Maximum Percent Sulfur: 1/8%</p>	<p>8. Maximum Percent Ash: N/A</p>
<p>9. Million Btu per SCC Unit: 152 MBtu/kgal</p>	
<p>10. Segment Comment (limit to 200 characters): Max rates based on oil only at a heat content of 152 MBtu/kgal. Max rates vary with heat content. Unit has no fuel sulfur limit, only a max emission rate for SO2 of 1.98 lb/MBtu on a 24-hour (midnight to midnight) basis. This includes 1,000,000 gallons of of on-spec used oil annually facility-wide. Oil and gas may be burned simultaneously. Using any percentage sulfur fuel oil and gas to meet emission limit. Fuel additives used to enhance combustion and/or control acidity. Fuel additives are typically of a magnesium or sulfonate origin.</p>	

Emissions Unit Information Section 2 of 6

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: 2.35 MCF/hr.</p>	<p>5. Maximum Annual Rate: 20,604 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	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:	4657	lb/hour	20397	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):					
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	Permitted Values				

NS 2

Emissions Unit Information Section 2 of 6

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: 1.98 lb SO ₂ /MBtu			
4. Equivalent Allowable Emissions:	4657	lb/hour	20397 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:	PM		
2. Total Percent Efficiency of Control:	N/A		%
3. Potential Emissions:	235	lb/hour	901 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:	Permit		
Reference:			
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):	 		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	 		
	Permitted Values		

**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:	705.6	lb/hour	386.32 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):			
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:	0.3 lb PM/MBtu
4. Equivalent Allowable Emissions:	705.6 lb/hour 386.3 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 hours 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:	235.2 lb/hr 901.4 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):	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:	VE40		
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:	Normal Conditions: 40 %	Exceptional Conditions:	60 %
	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 VE limit 3 hrs/day		

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

Continuous Monitoring System: Continuous Monitor 1 of 1

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

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:	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.

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	941	lb/hour	1287	tons/year
SO2	4657	lb/hour	20397	tons/year
NO2		4533		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: _____ [] Previously submitted, Date: _____ [X] 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): Northside Steam generator unit #3		
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 July 1		

Emissions Unit Control Equipment

A.

1. Description (limit to 200 characters): Low NOx burners
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):

2. Control Device or Method Code:

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

Emissions Unit Details

1. Initial Startup Date:	6/28/77	
2. Long-term Reserve Shutdown Date:	N/A	
3. Package Unit: Manufacturer:	N/A	Model Number:
4. Generator Nameplate Rating:	563.7	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:	5033 (oil) 5260 (gas)	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:		
	hours/day 24	days/week 7
	weeks/year 52	hours/year 8760

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						
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						
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>						
* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Broward County Code						
Article IV - Air Pollution						
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>						
<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>						
<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>						
<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:		
Stack 3		
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 stack serving a single boiler		
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:	235.3	feet
7. Exit Diameter:	15.5	feet
8. Exit Temperature:	approx. 305	°F

Emissions Unit Information Section 3 of 6

9. Actual Volumetric Flow Rate:	approx. 1,500,000	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): 446.820	North (km): 3364.975
14. Emission Point Comment (limit to 200 characters):		
<p>Stack Test date: July 1</p> <p>acfm varies with temperature, moisture, load, etc.</p>		

Emissions Unit Information Section 3 of 6

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	
2. Source Classification Code (SCC): 1-01-004-01	
3. SCC Units: kgal	
4. Maximum Hourly Rate: 33.1 kgal/hr	5. Maximum Annual Rate: 290,060 kgal/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: 152 MBtu/kgal	
10. Segment Comment (limit to 200 characters): <p>Max rates based on oil only at a heat content of 152 MBtu/kgal. Max rates vary with heat content. Unit has no fuel sulfur limit, only a max emission rate for SO2 of 1.98 lb/MBtu on a 24-hour (midnight to midnight) basis. This includes 1,000,000 gallons of on-spec used oil annually facility-wide. Oil and gas may be burned simultaneously. using any percentage sulfur fuel oil and gas to meet emission limit. Fuel additives used to enhance combustion and/or control acidity. Fuel additives are typically of a magnesium, sulfonate, or calcium nitrate origin.</p>	

Segment 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): 1101-006-01	
3. SCC Units: MCF	
4. Maximum Hourly Rate: 5.260 MCF/hr	5. Maximum Annual Rate: 46078 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	EL
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
Co (H047)	N/A	N/A	NS
Sb (H014)	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:	9965	lb/hour	43648 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):			
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	<p align="center">Permitted Values</p>		

NS 3

Emissions Unit Information Section 3 of 6

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:	1.98 lb SO2/MBtu
4. Equivalent Allowable Emissions:	9965.34 lb/hour 43648 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):	RATA may be used to fulfill stack test requirement.

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:	NOX		
2. Total Percent Efficiency of Control:	N/A		%
3. Potential Emissions:	1509.9 lb/hour	6613.36	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):			
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:	0.3 lb NOX/MBtu
4. Equivalent Allowable Emissions:	1509.9 lb/hour 6613 tons/year
5. Method of Compliance (limit to 60 characters):	CEM
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	Limit based on 30-day rolling average

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:	1509.9 lb/hour	826.67 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):			
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):	<p align="center">Permitted Values</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:	N/A	%		
3. Potential Emissions:	503.3	lb/hour	1928.9	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):				
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:	0.3 lb PM/MBtu		
4. Equivalent Allowable Emissions:	1509.9	lb/hour	826.7 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 hours 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:	503.3	lb/hr	1928.9 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 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:	VE40		
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule	<input type="checkbox"/> Other	
3. Requested Allowable Opacity:	Normal Conditions: 40 %	Exceptional Conditions:	60 %
	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 VE limit 3 hrs/day		

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

Continuous Monitoring System: Continuous Monitor 1 of 5

1. Parameter Code:	C02	2. Pollutant(s):	N/A
3. CMS Requirement:	[X] Rule [] Other		
4. Monitor Information:			
Manufacturer:	TECO	Serial Number:	41H-48550-281
Model Number:	41H VER 3.1.4		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	5/5/95		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 2 of 5

1. Parameter Code:	EM	2. Pollutant(s):	NOx
3. CMS Requirement:	[X] Rule [] Other		
4. Monitor Information:			
Manufacturer:	TECO	Serial Number:	42D-48008-279
Model Number:	42D VER 3.1.4		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	5/5/95		
7. Continuous Monitor Comment (limit to 200 characters):			

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

Continuous Monitoring System: Continuous Monitor 3 of 5

1. Parameter Code:	EM	2. Pollutant(s):	S02
3. CMS Requirement:	[X] Rule [] Other		
4. Monitor Information:	Manufacturer: TECO Model Number: 43B VER 3.1.4 Serial Number: 43B-46865-276		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	5/5/95		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor 4 of 5

1. Parameter Code:	FLOW	2. Pollutant(s):	N/A
3. CMS Requirement:	[X] Rule [] Other		
4. Monitor Information:	Manufacturer: USI Model Number: 100 VER 3.1.4 Serial Number: 9401639		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	5/5/95		
7. Continuous Monitor Comment (limit to 200 characters):			

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

Continuous Monitoring System: Continuous Monitor 5 of 5

1. Parameter Code:	VE	2. Pollutant(s):	N/A
3. CMS Requirement:	[X] Rule [] Other		
4. Monitor Information:			
Manufacturer:	TECO	Serial Number:	400B-48381-B69/281
Model Number:	400B VER 3.1.4		
5. Installation Date:	7/9/94		
6. Performance Specification Test Date:	5/5/95		
7. Continuous Monitor Comment (limit to 200 characters):			

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:		2. Pollutant(s):	
3. CMS Requirement:	[] Rule [] Other		
4. Monitor Information:			
Manufacturer:		Serial Number:	
Model Number:			
5. Installation Date:			
6. Performance Specification Test Date:			
7. Continuous Monitor Comment (limit to 200 characters):			

Plant Name (from Step 1) Northside	Unit Short Name, Stack or Pipe Description NS3	NADB Boiler, Stack or Pipe ID# 3
---------------------------------------	---	-------------------------------------

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

(1) Status	SYSTEM			ANALYTICAL COMPONENTS AND DAHS SOFTWARE															
	(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	300	CO ₂	P	DAHS	301		KVB	VER 3.1.4	10014002										
U	300	CO ₂	P	CO ₂	303	DIN	TECO	41H	41H-48550-281										
C	310	NO _x	P	DAHS	301		KVB	VER 3.1.4	10014002										
U	310	NO _x	P	CO ₂	303	DIN	TECO	41H	41H-48550-281										
U	310	NO _x	P	NOX	313	DIN	TECO	42D	42D-48008-279										
C	320	SO ₂	P	DAHS	301		KVB	VER 3.1.4	10014002										
U	320	SO ₂	P	SO ₂	323	DIN	TECO	43B	43B-46865-276										
C	330	FLOW	P	DAHS	301		KVB	VER 3.1.4	10014002										
U	330	FLOW	P	FLOW	333	U	USI	100	9401639										
C	340	OP	P	DAHS	301		KVB	VER 3.1.4	10014002										
U	340	OP	P	OP	343	ISC	TECO	400B	400B-48381-B69/281										
(1) A - Add C - Correct D - Delete U - Unchanged				(3) CO ₂ SO ₂ NO _x FLOW OP - Opacity OILM - Mass Oil Flow OILV - Volumetric Oil Flow GAS SOI - SO ₂ Inlet SOO - SO ₂ Outlet		(4) P - Primary B - Backup RB - Redundant Backup RM - Reference Method Backup DB - Data Backup		(5) DAHS CO ₂ SO ₂ NO _x O ₂ H ₂ O FLOW OP - Opacity PRB - Probe PLC		(6) 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		(8) Volumetric Flow DP - Diff. Pressure U - Ultrasonic T - Thermal O - Other		(9) Fuel Flowmeter UR - Orifice NOZ - Nozzle VEN - Venturi U - Ultrasonic VTX - Vortex PDP - Positive Displacement COR - Coreolis TUR - Turbine O - Other (see instructions)		(10) Serial #	

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	2013	lb/hour	2756	tons/year
SO2	9965	lb/hour	43648	tons/year
NO2			6613	tons/year
5. PSD Comment (limit to 200 characters):				
Baseline using allowable 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>7/95</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	To be submitted when required
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): Northside Combustion Turbines 3,4,5, and 6		
2. Emissions Unit Identification Number: <input type="checkbox"/> No Corresponding ID <input checked="" type="checkbox"/> Unknown		
3. Emissions Unit Status Code: 4	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): All data based on one turbine		

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: 2/7/75 (3); 1/10/75 (4); 2/16/74 (5); 12/11/74 (6)			
2. Long-term Reserve Shutdown Date:		N/A	
3. Package Unit:	N/A		
Manufacturer:	Model Number:		
4. Generator Nameplate Rating:	62.1	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:	901	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	N/A 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
	52	weeks/year	8760
			days/week
			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						
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		every 2 years	
	(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>						
* All applicable requirements resulting from approved local program ordinances and rules are state only enforceable.						
*Broward County Code						
Article IV - Air Pollution						
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. *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>						
<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.</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		
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.</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:		
Combustion Turbines		
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):		
A group of exhaust stacks serving a collectively-regulated bank of combustion turbines.		
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:	approx. 30	feet
7. Exit Diameter:	12.9	feet
8. Exit Temperature:	approx. 800	°F

Emissions Unit Information Section 4 of 6

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): 446.75	North (km): 3365.50
14. Emission Point Comment (limit to 200 characters):		

Emissions Unit Information Section 4 of 6

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

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): #2 oil used in combustion turbines	
2. Source Classification Code (SCC): 2-01-001-01	
3. SCC Units: kgal	
4. Maximum Hourly Rate: 5.5 kgal/hr	5. Maximum Annual Rate: 47800 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. Data are for one turbine.	

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**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
Ni (H-133)	N/A	N/A	NS
Mn (H113)	N/A	N/A	NS
HAPs	N/A	N/A	NS
S03 (SAM)	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:	455.01 lb/hour	1992.92 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:	.505 lb/MBtu		
Reference:	fuel sulfur content.		
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>505000 lbs/TBtu * 0.000901 TBtu/hr = 455.01 lbs/hr (1992.92 tons/yr)</p> <p>$5500 \text{ gals/hr} \times 6.83 \text{ \#/gal} \times 0.005 \text{ (\%S)} \times 2 \text{ \#SO}_2/\text{\#S} = 375.8 \text{ \#/hr}$</p> <p>$47800 \text{ \#} \times 6.83 \text{ \#/gal} \times 0.005 \text{ (\%S)} \times 2 \text{ \#SO}_2/\text{\#S} \div 2000 = 1632.4 \text{ Tpy}$</p>		
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:	455 lb/hour 1993 tons/year
5. Method of Compliance (limit to 60 characters):	Fuel sulfur analysis
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):	Compliance based on maintaining fuel sulfur below 0.5% as determined by "as received" fuel sulfur 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:	VE20
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	Normal Conditions: 20 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4. Method of Compliance:	Biennial VE using Method 9
5. Visible Emissions Comment (limit to 200 characters):	VE test date Apr. 1

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	[] Rule [] 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:	[] Rule [] 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.

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	32	lb/hour	124	tons/year	
SO2	455	lb/hour	1993	tons/year	
NO2			2755	tons/year	
5. PSD Comment (limit to 200 characters):					
Baseline based on allowable emission AP-42 for PM and NOx					

**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 type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously submitted, Date: <u>2/96 (#3); 3/96 (#4); 1/96 (#5, #6)</u> <input type="checkbox"/> Not Applicable
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:

[XX] 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:

[X] 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:	N/A		
Dwell Temperature:	N/A	°F	
Dwell Time:		seconds	
Incinerator Afterburner Temperature:		°F	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	Natural gas/LP gas	123.5	mmBtu/hr
	#2 oil #6 oil	118 116.5	
2. Maximum Incineration Rate:	lb/hr	N/A	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

**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						
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 Applications
 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. *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. *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*	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:		
Auxiliary boiler		
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 emitting through a single stack		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:		
boiler utilizes Unit 1 stack		
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:	168	feet
7. Exit Diameter:	11.1	feet
8. Exit Temperature:	approx. 286	°F

Emissions Unit Information Section 5 of 6

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): 446.940	North (km): 3364.995
14. Emission Point Comment (limit to 200 characters):		

Emissions Unit Information Section 5 of 6

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

Segment Description and Rate: Segment 1 of 3

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: 0.813 kgal/hr	5. Maximum Annual Rate: 7120 kgal/yr
6. Estimated Annual Activity Factor: N/A	
7. Maximum Percent Sulfur: 1.8%	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 oil only at a heat content of 152 MBtu/kgal. Max rates vary with heat content. Unit has no fuel sulfur limit, only a max emission rate for SO2 of 1.98 lb/MBtu on a 24-hour (midnight to midnight) basis. This includes 1,000,000 gallons of on-spec used oil annually facility-wide. Oil and gas may be burned simultaneously using any percentage sulfur fuel oil and gas to meet emission limits.	

Emissions Unit Information Section 5 of 6

Segment Description and Rate: Segment 2 of 3

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p style="text-align: center;">Natural gas/LP gas used in auxiliary boiler.</p>	
<p>2. Source Classification Code (SCC): 1-01-006-01</p>	
<p>3. SCC Units: MCF</p>	
<p>4. Maximum Hourly Rate: 0.124 MCF/hr.</p>	<p>5. Maximum Annual Rate: 1080 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 style="text-align: center;">Max rates based on heat content of 1000 MBtu/MCF. Max rates vary with heat content.</p>	

Emissions Unit Information Section 5 of 6

Segment Description and Rate: Segment 3 of 3

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>#2 oil used in auxiliary boiler.</p>	
<p>2. Source Classification Code (SCC): 2-01-001-01</p>	
<p>3. SCC Units: kgal</p>	
<p>4. Maximum Hourly Rate: 0.75 kgal/hr.</p>	<p>5. Maximum Annual Rate: 6560 kgal/yr.</p>
<p>6. Estimated Annual Activity Factor: N/A</p>	
<p>7. Maximum Percent Sulfur: 0.5%</p>	<p>8. Maximum Percent Ash: N/A</p>
<p>9. Million Btu per SCC Unit: 165 MBtu/kgal</p>	
<p>10. Segment Comment (limit to 200 characters):</p> <p>Max rates based on heat content of 165 MBtu/kgal. 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
S03 (SAM)	N/A	N/A	NS
HAPs	N/A	N/A	NS
HCl (H106)	N/A	N/A	NS
HF (H107)	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:	
SO ₂	
2. Total Percent Efficiency of Control:	%
N/A	
3. Potential Emissions:	245 lb/hour 1071 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: 1.98 lb/mmBtu	
Reference: fuel sulfur level	
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):	
1980000 lbs/TBtu * 0.0001235 TBtu/hr = 245 lbs/hr (1071 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:	245 lb/hour 1071 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 maintaining % sulfur at or below 1.8% 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.

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): Type 3-Collectively-regulated group of fuel storage tanks		
2. Emissions Unit Identification Number: [] No Corresponding ID [x] Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [] Yes [x] 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

**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

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 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 6 of 6

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):	446.900	
North (km):		3364.880
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): Working loss (emissions related to thousand gallons throughput)	
2. Source Classification Code (SCC):	
1-01-004-01 2-01-001-01	
3. SCC Units:	
kgal	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
N/A	N/A
6. Estimated Annual Activity Factor:	
0.5	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
N/A	N/A
9. Million Btu per SCC Unit:	
N/A	
10. Segment Comment (limit to 200 characters): See attached summary of tanks	

Emissions Unit Information Section 6 of 6

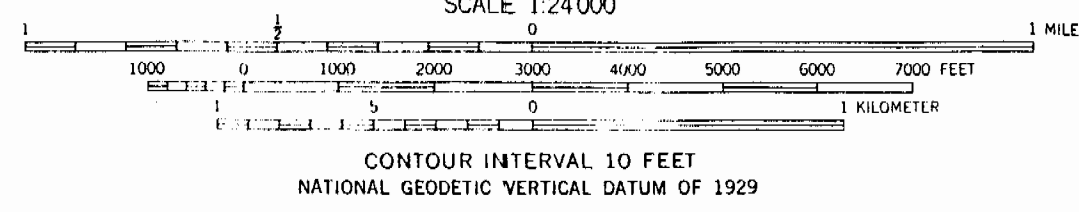
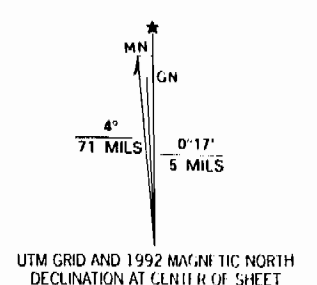
Segment Description and Rate: Segment 2 of 2

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Breathing loss (emissions related to thousand gallons storage capacity)</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: 0.500</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):</p> <p>See attached summary of tanks</p>	

DEP	JEA Tank #	Volume-gals
9		10
NGS	1 Bunker C	4,578,000
NGS	10 Diesel (JEA12)	4,200,000
NGS	11 Diesel (JEA13)	4,200,000
NGS	12 Diesel (JEA14)	4,200,000
NGS	13 Waste Oil- unit 1	750
NGS	14 Waste Oil- unit 2	1,000
NGS	15 Waste Oil- unit 3	575
NGS	16 Mag Ox	9,600
	16	
NGS	17 Petrolite	6,500
NGS	18 Lube Oil- unit 1	10,000
NGS	19 Lube Oil- unit 2	10,000
	19	
NGS	2 Bunker C	4,578,000
NGS	20 Min Acid	11,500
NGS	21 Min Acid	11,500
NGS	22 Ammonia	4,000
	22	
	22	
NGS	3 Bunker C	4,578,000
	3	
NGS	4 Bunker C	4,578,000
NGS	5 Bunker C	11,256,000
NGS	6 Bunker C	11,256,000
NGS	7 Bunker C	11,256,000
NGS	8 Diesel (JEA10)	168,000
NGS	9 Diesel (JEA11)	4,200,000
	9	
NGS	East Caustic	10,000
NGS	West Caustic	10,000
NGS	23 Hypo	12,000
	23	
NGS	23 Hypo	12,000
NGS	24 Lube Oil	18,000
NGS	Lube Oil	7000



Produced by the United States Geological Survey
 Control by USGS and NOS/NOAA
 Topography by planimetric surveys 1948. Revised by
 photogrammetric methods 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



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 A FOLDER IN DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
○ Interstate Route	○ U. S. Route
	○ State Route

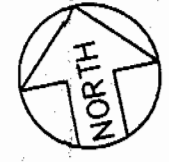
QUADRANGLE LOCATION
 Revisions shown in purple and woodland compiled in
 cooperation with State of Florida agencies, from
 aerial photographs taken 1989 and other sources
 Contours not revised. This information not field checked
 Map edited 1992
 Purple tint indicates extension of urban areas

NGS Plant Area
Location Map

EASTPORT, FLA.
 30081-D5-TF-024
 1964
 REVISED 1992
 DMA 4644 1 NE—SERIES V847

JACKSONVILLE
 4644 1 SE

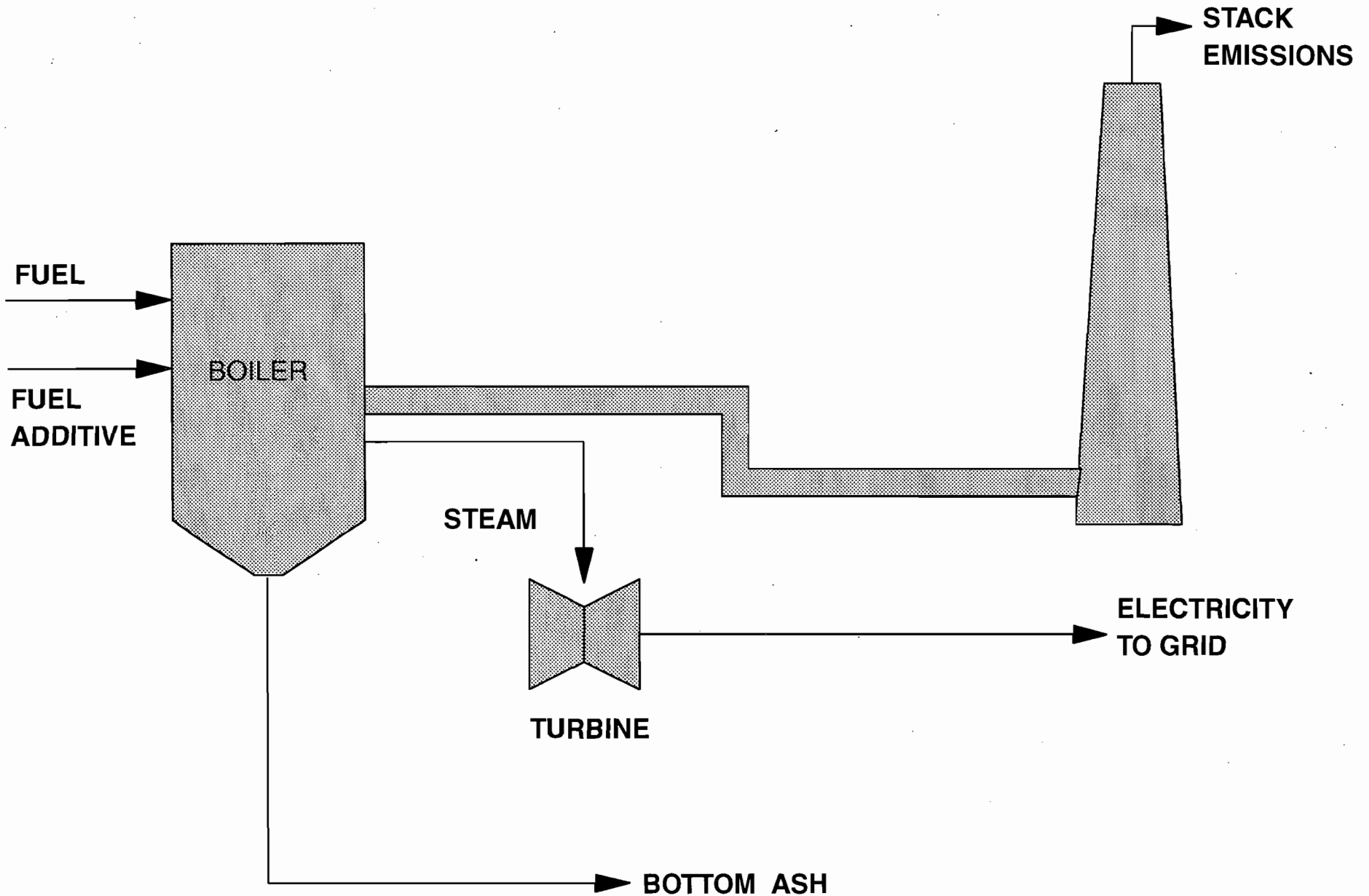
JACKSONVILLE
 4644 1 SE



2



Northside Generating Station Flow Diagram



Northside 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

lime storage silo

NGS

Document ID # 7

List of Equipment/Activities Regulated Under Title VI

The equipment contains at least 50 lbs of a listed refrigerant (R-22):

Carrier model 30GB055630 130 lbs (65 in each refrigeration circuit)

Carrier model 30HR070dB00 104 lbs

Carrier model 30HK060630 50+ lbs total of two units -- To be replaced by four (4) 10-ton units each with less than 50 lbs of refrigerant.

Below is a list of the equipment known to be on site which contain a listed refrigerant (R-22) in quantities substantially less than 50 lbs each. 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 (2 containing R-12)

5 window units

15 refrigerators

5 ice machines

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.

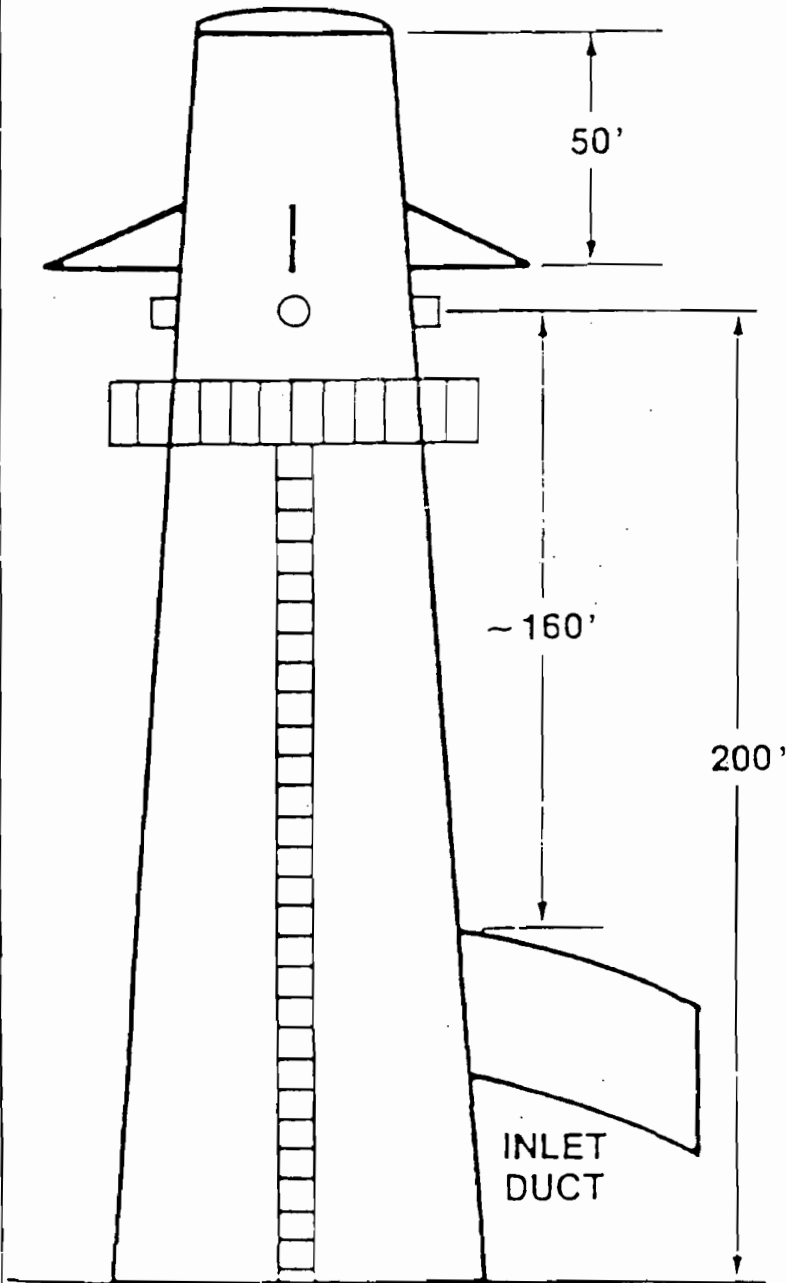
Walter P. Bussells
Managing Director

Date

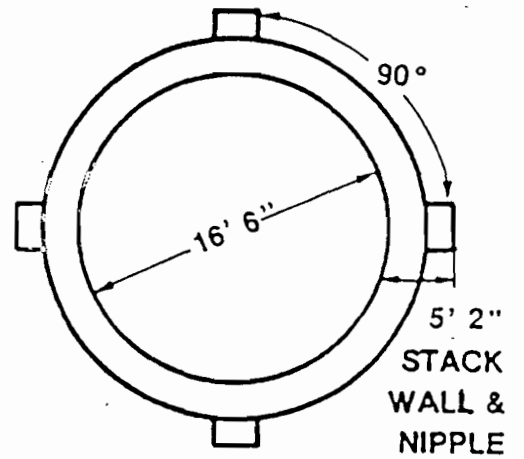


ENVIRONMENTAL
SOURCE MONITORING

JACKSONVILLE ELECTRIC AUTHORITY
NORTHSIDE GENERATING STATION UNIT 1
SAMPLING LOCATION



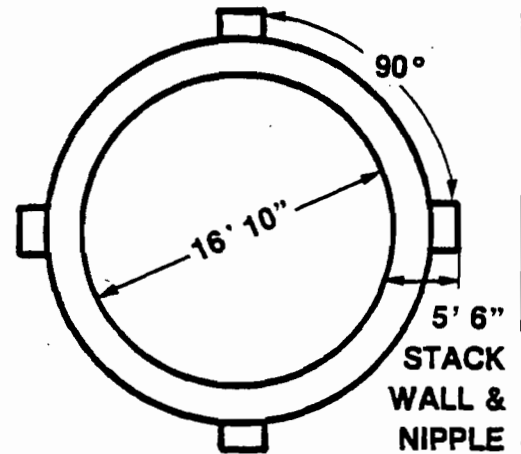
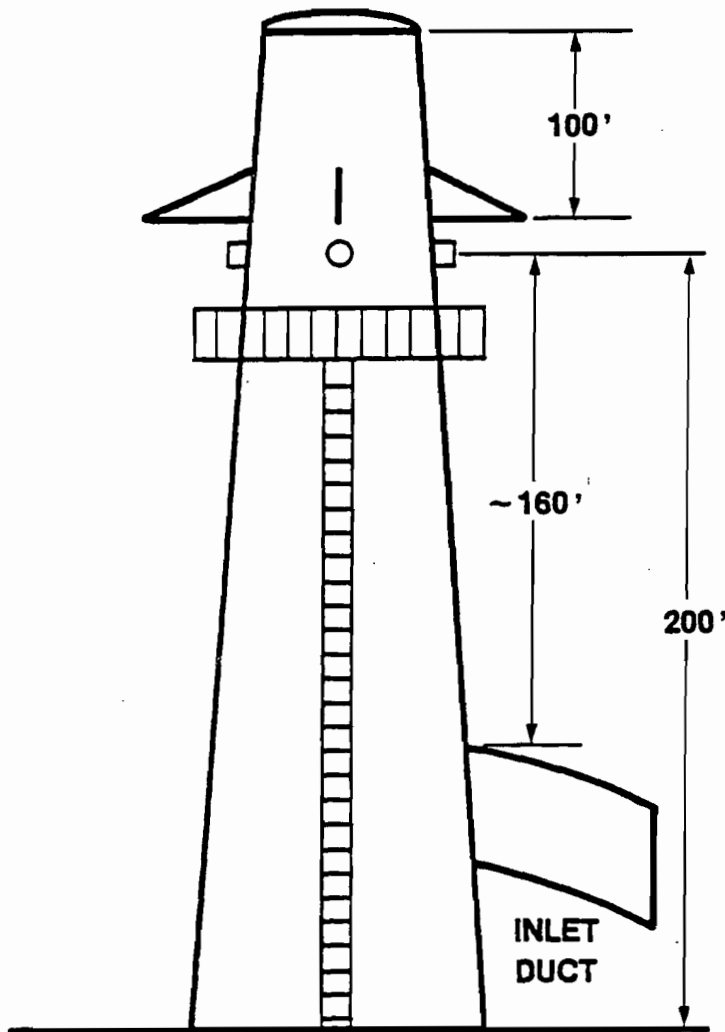
4 PORTS 90° APART
WITH MONORAILS



POINT LOCATION
(INCHES FROM INSIDE STACK WALL)

NUMBER	DISTANCE
1	8.7
2	28.9
3	58.6

4 PORTS 90° APART
WITH MONORAILS



POINT LOCATION
(INCHES FROM INSIDE STACK WALL)

NUMBER	DISTANCE
1	8.9
2	29.5
3	59.8

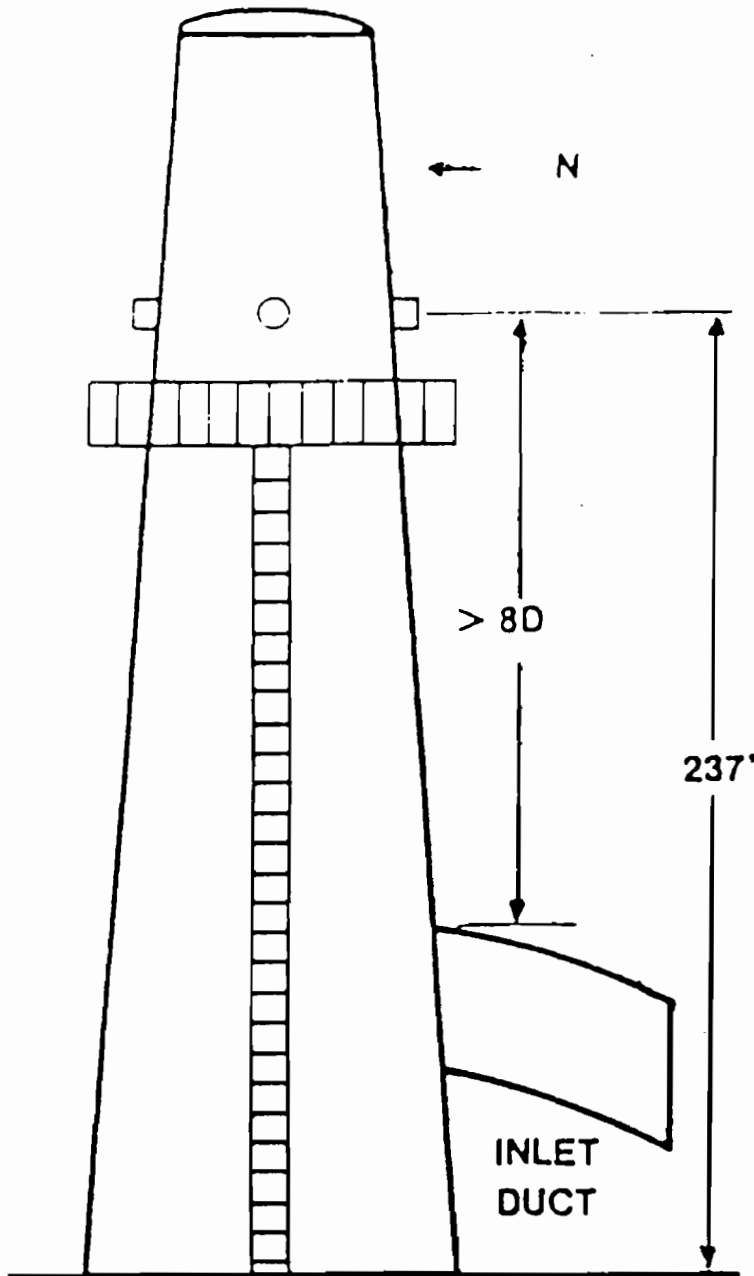
Figure 1
SAMPLING POINT LOCATION: UNIT 2
NORTHSIDE POWER GENERATING STATION
SOURCE: ESE, 1981.

JACKSONVILLE
ELECTRIC AUTHORITY

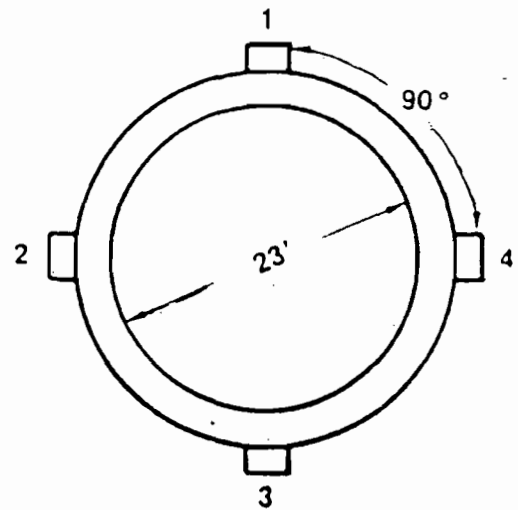


ENVIRONMENTAL
SOURCE SAMPLERS

JACKSONVILLE ELECTRIC AUTHORITY
NORTHSIDE GENERATING STATION UNIT 3
PARTICULATE SAMPLING LOCATION



4 PORTS 90° APART



POINT LOCATION
(INCHES FROM INSIDE STACK WALL)

NUMBER	DISTANCE
1	12.1
2	40.7
3	81.7



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 except low-NOx burners on Unit #3. Good operational practices are employed to minimize emissions and maximize efficiency. Also, fuel sulfur levels and CEMs are used to monitor and maintain emissions 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 flourish 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 NADB

Plant Name	St. Johns River Power Park	State	FL	ORIS Code	207
------------	----------------------------	-------	----	-----------	-----

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 entitlement to, 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) <i>[Signature]</i>	Date 8/5/94
Signature (alternate) <i>[Signature]</i>	Date 8/4/94

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 boiler ID# from NADE. 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#
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#
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#
Regulatory Authorities							

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

BEST AVAILABLE COPY

STEP 4
Lead 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 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, information, 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;

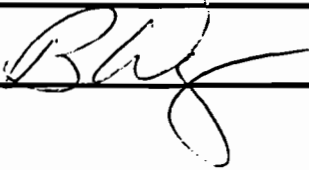
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudency review requirements under such State law;

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

(5) Interfering with or imposing 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	668 ORIS Code
------------	-----------------------------------	-------	----	------------------

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, or a beneficial 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, leased, or contractual reservation or entitlement to, if each multiple holder has 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 omitting required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative) <i>[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 IDs from NADE. 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
IDS 1	IDS 2	IDS 3	IDS 4	IDS 5	IDS	IDS	
IDS	IDS	IDS	IDS	IDS	IDS	IDS	
Regulatory Authorities Fla. Dept. of Env. Reg.; Reg. & Env. Services Dept. (city)							

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

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

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

BEST AVAILABLE COPY

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	FL State	667 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			
	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

BEST AVAILABLE COPY

EP 4
 Add the standard
 requirements and
 certification, enter
 name of the
 designated repre-
 sentative, and sign
 the 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 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;

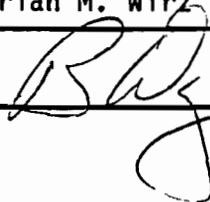
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudency review requirements under such State law;

(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, Northside Generating SStation	State	FL	ORIS Code	667
------------	------------------------------------	-------	----	-----------	-----

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 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.

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

Kennedy Generating Station	FL	666
Plant Name	State	ORIS Code

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

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(e)(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			
	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
 the name of the
 designated repre-
 sentative, and sign
 the 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(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, 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;

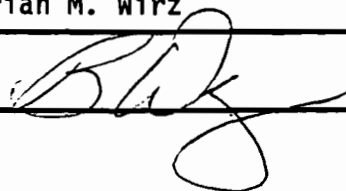
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;

(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

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

<input checked="" type="checkbox"/> JEA, Kennedy Generating Station	State FL	666 ORIS Code
---	----------	------------------

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 the 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, 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 ownership of, if each multiple holder has 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) <i>Bruce 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 NADES. 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# 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							

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							



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

January 17, 1996

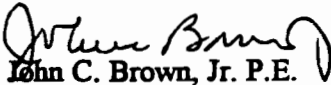
Mr. Brian M. Wipz
Jacksonville Electric Authority
21 West Church Street
Jacksonville, Florida 32202-3139

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

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

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