

# JACKSONVILLE ELECTRIC AUTHORITY

21 WEST CHURCH STREET • JACKSONVILLE, FL 32202-3139



September 11, 1996

**RECEIVED**  
SEP 16 1996  
BUREAU OF  
AIR REGULATION

Mr. Jonathan Holtom

Title V Section  
Mail Station 5505  
Florida Dept. of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399

Dear Mr. Holtom:

RE: Northside Generating Station  
Kennedy Generating Station  
Southside Generating Station  
Title V Permit Applications -- Supplemental Information

Attached please find the permit revision dated May 1, 1995 removing the throughput limits on the fuel storage tanks at each of the above facilities.

Also enclosed is the permit revision dated July 16, 1996 removing the fuel sulfur limits at the Northside station and providing for using the CEMs to show continuous compliance with the SO<sub>2</sub> emission limit using a 24-hour midnight-to-midnight average.

*was it extend by Rule?*  
Finally, please note that no information was provided for Unit 3 at the Southside station since that unit is no longer in service and the air operating permit has been allowed to expire. Southside Units 1 and 2 air operating permits were surrendered during the St. Johns River Power Park permitting process and the emissions were used as offsets for modeling PSD increment consumption.

Mr. Jonathan Holtom  
September 11, 1996  
Page Two

All of these conditions are reflected in the Title V permit application as previously submitted.

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, consisting of a stylized 'R' followed by a horizontal line and a circular flourish.

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

RB/NBG

TITLEV2

**REGULATORY & ENVIRONMENTAL  
SERVICES DEPARTMENT**  
Air Quality Division



May 1, 1995

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

JACKSONVILLE ELECTRIC AUTHORITY

**RECEIVED**

MAY 03 1995

Environmental, Health  
& Safety Department

**RE: Duval County - Air Pollution  
JEA Generating Station Fuel Storage Tanks  
Kennedy Permit No. AO16-225064  
Northside Permit No. AO16-225069  
Southside Permit No. AO16-225066**

Dear Mr. Leetch:

The City of Jacksonville, Regulatory and Environmental Services Department, Air Quality Division (AQD) received a request on March 31, 1995 from JEA to amend the above referenced permits (attachment). The request is to delete throughput limits and the associated record-keeping requirements. In accordance with the Standard Operating Agreement, AQD is referring this request to your office for processing and final agency action.

AQD has reviewed this request and provides the following recommendations.

1. Specific Condition 7. of each referenced permit limits the throughput of No. 6 and No. 2 fuel oil. AQD agrees with JEA that the throughput limits should be eliminated.
2. AQD recommends that the record-keeping requirements for fuel oil throughput be maintained. An estimate of emissions for the AOR and Title V inventories will require this data.



421 West Church Street - Suite 412  
Jacksonville, Florida 32202-4111

Area Code 904/630-3484

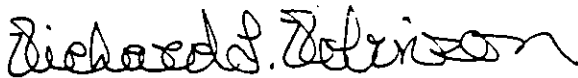
Mr. Robert Leetch, P.E.

May 1, 1995

Page 2

Please contact me or Mr. Ronald L. Roberson at (904) 630-3484 for any additional information.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Richard L. Robinson".

Richard L. Robinson, P.E.

Pollution Control Engineer

RLR/ecr

Attachment

c: ✓ Mr. Richard Breitmoser, P.E. - JEA  
Mr. Wayne Tutt, AQD  
AQD File 1700-A  
AQD Permitting File



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

## CERTIFIED MAIL - RETURN RECEIPT

July 16, 1996

Mr. Walt Bussells, Managing Director  
Jacksonville Electric Authority  
21 West Church Street  
Jacksonville, Florida 32202-3139

Dear Mr. Bussells:

Duval Co. - AP  
Jacksonville Electric Authority  
Northside Generating Plant - Unit #1  
I.D. No. 0310045001 (formerly 31JAX1600-4501)

Per your 09-26-95 request letter and discussions between the Department and the City of Jacksonville's Regulatory and Environmental Services Department, Air and Water Quality Division (AWQD), Permit No. AO16-194743 is revised as follows:

A. Specific Condition No. 8 is revised by adding an additional notation (denoted by \*\*\*) requiring the use of the CEM to show continual compliance with the SO<sub>2</sub> limit as follows:

8. The following pollutants(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
	**Visible Emissions (VE)		
	(Non-Soot Blowing)	12 months	EPA RM 9
	(Soot Blowing)	12 months	EPA RM 9
	***Sulfur Dioxide (SO <sub>2</sub> )	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.

\*\*\* Compliance with the SO<sub>2</sub> emission limiting standard shall be determined on a continual basis using a 24-hour daily average and a certified Continuous Emissions Monitor (CEM) or equivalent method as provided by 40 CFR 75, with a day being defined as a 24-hour period between 12:01 a.m. and 12:00 midnight. In the event the CEM becomes unoperational the ratio of fuel oil to gas flow rates will be recorded. The same fuel oil supply will then continue to be used with the maximum ratio of oil to gas flow rates set at the same level or, if necessary to ensure compliance, at a lower level. Alternatively, the unit may be switched over to a fuel oil supply known to have a maximum sulfur content of 1.8% or less. These modes of operation shall be

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

Printed on recycled paper.

8. (cont.):

maintained until operation of the CEM is restored.

In the event of a complete natural gas curtailment the unit will be switched over to a fuel oil supply known to have a maximum sulfur content of 1.8% or less. Best operational practices will be adhered to at all times in order to minimize any excess emissions resulting from an unexpected gas curtailment.

B. Specific Condition No. 12 is revised by adding the acceptability of using the RATA in place of the annual compliance test to show compliance with the SO<sub>2</sub> limit as follows:

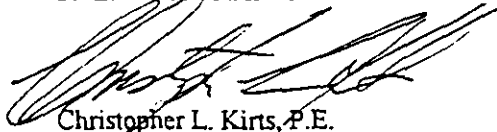
12. Either the Relative Accuracy Testing Audit (RATA) that is performed for the SO<sub>2</sub> Continuous Emissions Monitor (CEM) or a sulfur analysis of the No. 6 fuel oil, as fired while testing for compliance, may be substituted for EPA RM 6. All sulfur content analyses shall be performed in accordance with ASTM D 2622-82 (sulfur in Petroleum Products X-Ray Spectrographic Method), or other method approved in advance by AWQD and shall be reported as the sulfur content by percent (%) weight.

This letter and the request shall become a part of the permit.

Any party to this Order (permit revision) has the right to seek judicial review of the permit revision 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 this Notice is filed with the Clerk of the Department.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Christopher L. Kirts, P.E.  
District Air Program Administrator

CLK:RJL: ~~FOR~~

cc: Office of General Counsel - Air Permitting  
Richard Robinson, P.E. - RESD  
Richard Breitmoser, P.E. - JEA  
Bert Gianazza, P.E. - JEA

**FILING AND ACKNOWLEDGEMENT**  
FILED, on this date, pursuant to S120.52, Florida  
Statutes, with the designated Department Clerk  
receipt of which is hereby acknowledged.  
Denise Y. Knudsen 7/18/96  
Clerk Date



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

## CERTIFIED MAIL - RETURN RECEIPT

July 16, 1996

Mr. Walt Bussells, Managing Director  
Jacksonville Electric Authority  
21 West Church Street  
Jacksonville, Florida 32202-3139

Dear Mr. Bussells:

Duval Co. - AP  
Jacksonville Electric Authority  
Northside Generating Plant - Unit #3  
I.D. No. 0310045003 (formerly 31JAX16004503)

Per your 09-26-95 request letter and discussions between the Department and the City of Jacksonville's Regulatory and Environmental Services Department, Air and Water Quality Division (AWQD), Permit No. AO16-207528 is revised as shown below.

A. Note 2 of Specific Condition No. 8 is revised by adding the acceptability of using the RATA in place of the annual compliance test to show compliance with the SO<sub>2</sub> limit as follows:

2. Either the Relative Accuracy Testing Audit (RATA) that is performed for the SO<sub>2</sub> Continuous Emissions Monitor (CEM) or a sulfur analysis of the No. 6 fuel oil, as fired while testing for compliance, may be substituted for EPA RM 6. All sulfur content analyses 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 AWQD.

B. Specific Condition No. 17 is revised by removing the limit on the sulfur content of No. 6 Fuel Oil (except under certain conditions) and by requiring the use of the CEM to be used to show compliance with the SO<sub>2</sub> limit as follows:

17. Compliance with the SO<sub>2</sub> emission limiting standard on a continual basis shall be determined using a 24-hour daily average and a certified Continuous Emissions Monitor (CEM), or equivalent method as provided by 40 CFR 75, with a day being as defined in Specific Condition No. 9. In the event the CEM becomes unoperational the ratio of fuel oil to gas flow rates will be recorded. The same fuel oil supply will then continue to be used with the maximum ratio of oil to gas flow rates set at the same level or, if necessary to ensure compliance, at a lower level. Alternatively, the unit may be switched over to a fuel oil supply known to have a maximum sulfur content of 1.8% or less. These modes of operation will be maintained until operation of the CEM is restored.

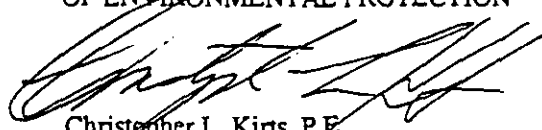
In the event of a complete natural gas curtailment the unit will be switched over to a fuel oil supply known to have a maximum sulfur content of 1.8% or less. Best operational practices will be adhered to at all times in order to minimize any excess emissions resulting from an unexpected gas curtailment.

This letter and the request shall become a part of the permit.

Any party to this Order (permit revision) has the right to seek judicial review of the permit revision 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 this Notice is filed with the Clerk of the Department.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Christopher L. Kirts, P.E.  
District Air Program Administrator

CLK:RJL:FCR

cc: Office of General Counsel - Air Permitting  
Richard Robinson, P.E. - RESD  
Richard Breimoser, P.E. - JEA  
Bert Gianazza, P.E. - JEA

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to §120.52 Florida  
Statutes, with the designated Department Clerk,  
receipt of which is hereby acknowledged.  
Steven Reynolds 7/18/96  
Clerk Date

# JACKSONVILLE ELECTRIC AUTHORITY

21 WEST CHURCH STREET • JACKSONVILLE, FL 32202-3139



June 14, 1996

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

RECEIVED  
JUN 14 1996  
BUREAU OF  
AIR REGULATION

Dear Mr. Brown:

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

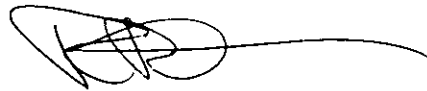
Attached please find the required Title V permit applications for the above referenced power plants. Please note that the St. Johns River Power Park (SJRPP) and the Northside Generating Station are one facility under the Title V definition of "facility" (even though in the traditional sense they are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

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

Mr. John Brown  
June 14, 1996  
Page Two

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

Sincerely,

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

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

RB/NBG

TITLEVAP

## Attachment NGS: CT Heat Input Nominal Values

NORTHSIDE STATION COMBUSTION TURBINES  
BASE LOAD MW vs TEMPERATURE

	AMBIENT TEMP	GROSS MW	x Coeff. Net MW	HEAT CONSUMED		AMBIENT TEMP	GROSS MW	x Coeff. Net MW	HEAT CONSUMED
#	*F	(X)		MBTU/HR		*F	(X)		MBTU/HR
1	20	67.97	67.63	868		60	58.77	58.43	747
2	21	67.74	67.40	865		61	58.54	58.20	744
3	22	67.51	67.17	861		62	58.31	57.97	741
4	23	67.28	66.94	858		63	58.08	57.74	738
5	24	67.05	66.71	855		64	57.85	57.51	735
6	25	66.82	66.48	852		65	57.62	57.28	733
7	26	66.59	66.25	849		66	57.39	57.05	730
8	27	66.36	66.02	846		67	57.16	56.82	727
9	28	66.13	65.79	842		68	56.93	56.59	724
10	29	65.90	65.56	839		69	56.70	56.36	721
11	30	65.67	65.33	836		70	56.47	56.13	719
12	31	65.44	65.10	833		71	56.24	55.90	716
13	32	65.21	64.87	830		72	56.01	55.67	713
14	33	64.98	64.64	827		73	55.78	55.44	710
15	34	64.75	64.41	824		74	55.55	55.21	708
16	35	64.52	64.18	821		75	55.32	54.98	705
17	36	64.29	63.95	818		76	55.09	54.75	702
18	37	64.06	63.72	815		77	54.86	54.52	699
19	38	63.83	63.49	812		78	54.63	54.29	697
20	39	63.60	63.26	809		79	54.40	54.06	694
21	40	63.37	63.03	806		80	54.17	53.83	691
22	41	63.14	62.80	802		81	53.94	53.60	689
23	42	62.91	62.57	799		82	53.71	53.37	686
24	43	62.68	62.34	796		83	53.48	53.14	683
25	44	62.45	62.11	793		84	53.25	52.91	681
26	45	62.22	61.88	791		85	53.02	52.68	678
27	46	61.99	61.65	788		86	52.79	52.45	675
28	47	61.76	61.42	785		87	52.56	52.22	673
29	48	61.53	61.19	782		88	52.33	51.99	670
30	49	61.30	60.96	779		89	52.10	51.76	667
31	50	61.07	60.73	776		90	51.87	51.53	665
32	51	60.84	60.50	773		91	51.64	51.30	662
33	52	60.61	60.27	770		92	51.41	51.07	660
34	53	60.38	60.04	767		93	51.18	50.84	657
35	54	60.15	59.81	764		94	50.95	50.61	654
36	55	59.92	59.58	761		95	50.72	50.38	652
37	56	59.69	59.35	758		96	50.49	50.15	649
38	57	59.46	59.12	755		97	50.26	49.92	647
39	58	59.23	58.89	753		98	50.03	49.69	644
40	59	59.00	58.66	750		99	49.80	49.46	641
41	60	58.77	58.43	747		100	49.57	49.23	639

KSCT  
Y INTERCEPT 72.576  
SLOPE 0.2301

## DISPATCH HEAT RATE CURVES

A = 1.78910E+02  
B = 8.82453E+00  
C = -1.50705E-02  
D = 5.20028E-04  
AA = 3.40192E-01  
BB = 9.99987E-01  
CC = 1.79499E-07  
DATE: 05/21/93

# Attachment SJRPP: Material Handling Transfer Points

## SJRPP Material Handling Transfer Points for Permitting

<u>Limestone</u>	<u>Points</u>
1) Limestone receiving bin with 3 Unloading hoppers	1
2) Unloading hoppers to FLD-1 Belt	3
3) FLD-1 to L0	1
4) L0 to L1	1
5) L1 to L2	1
6) L2 to Storage Pile	1
7) Reclaim hopper	1
8) Hopper to 9LC-02	1
9) 9LC-02 to Silos(2)	2
10) Silos to 1LC-01, 2LC-01 (to ball mills)	2
<b>Total</b>	<b>14</b>

<u>Coal-Yard</u>	<u>Points</u>
1) Receiving bin with 4 Unloading hoppers	1
2) 4 Unloading hoppers to FCD-1,2,3,4	4
3) FCD-1,2,3,4 to CO	4
4) CO to C1	1
5) C1 to C2	1
C1 to emergency stackout	1
6) C2 to C4	1
7) C4 to C5	1
C4 to CT6	1
8) C5 to C6	1
9) C6 to storage pile	1
Reclaim to C6 (grab and dump)	2
C6 to C4	1
10) Surge Bins	
C2 to Surge Bin	1
C3 to Surge Bin	1
C4 to Surge Bin	1
Surge Bin to FCR-A,B	2
11) FCR-A,B to Crushers (2)	2
Crushers (2)	2
Crushers to C7,8	2
12) C7,8 to C9,10	2
13) C9,10 to 14 Coal Storage Silos	14
<b>Total</b>	<b>47</b>

<u>Coal-Shiplunloader</u>	<u>Points</u>
14) Bucket to Hopper (grab & dump)	2
15) Hopper to Belt	1
16) Hopper Belt to CT1	1
17) CT1 to CT2	1
18) CT2 to CT3	1
19) CT3 to CT4	1
20) Reclaimer to CT4 (grab, dump, dump)	3
21) CT4 to CT5	1
CT4 to S1 traveling conveyor	1
S1 Traveling conv. to S2 boom conv.	1
S2 boom conv to storage pile	1
22) CT5 to C2	1
23) CT6 to CT4	1
<b>Total</b>	<b>16</b>

<u>Coal-Petooko Feeder System</u>	<u>Points</u>
24) Hopper	1
Hopper to SPC-1	1
SPC-1 to PC-1	1
PC-1 to C4	1
<b>Total</b>	<b>4</b>

<u>Fly &amp; Bottom Ash Handling System</u>	<u>Points</u>
25) Flyash	
U#1-A&B Saleable silo Baghouse (2)	
& roof vents (2)	4
U#1-1 Non-saleable Silo Baghouse	
& roof vent	2
U#1-A loadout Silo discharge (2)	
& roof vent (1)	3
U#1-B loadout Silo discharge (2)	
& roof vent (1)	3
U#2-A&B Saleable silo Baghouse (2)	
& roof vents (2)	4
U#2-A Non-saleable Silo Baghouse	
& roof vent	2
U#2-A loadout Silo discharge (2)	
& roof vent (1)	3
U#2-B loadout Silo discharge (2)	
& roof vent (1)	3
26) Bottom Ash	
U#1-A&B Silo to conveyor belt	2
Conveyor belt to truck	1
U#2-A&B Silo to conveyor belt	2
Conveyor belt to truck	1
<b>Total</b>	<b>30</b>

**Grand Total 111**

# Phase II Permit Application

Page 1

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

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

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

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

Plant Name (from Step 1)

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,

Plant Name (from Step 1)

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 plan), 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;

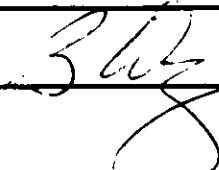
(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudency review requirements under such State law;

(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

**STEP 5 (optional)**  
Enter the source AIRS  
and FINDS identification  
numbers, if known

AIRS
FINDS



# Certificate of Representation

Page 1

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

This submission is: ☒ New ☐ Revised

## STEP 1

Identify the source by plant name, State, and ORIS code from NADES

Plant Name	St. Johns River Power Park	State	FL	ORIS Code	207
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## STEP 2

Enter requested information for the designated representative

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

## STEP 3

Enter requested information for the alternate designated representative (optional)

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

## STEP 4

Complete Step 5, read the certifications and sign and date

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

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

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, decisions, 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 title-of-the-unit, from power purchase agreements, 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 ownership or entitlement as, 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.

**St. Johns River Power Park**  
Plant Name (from Step 1)

Continued - Page -

Page **2** of **2**

**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 existing required statements and information, including the possibility of fine or imprisonment.

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

**STEP 3**  
Provide the name of every owner and operator of the source and each affected unit at the source. Identify the units they own and/or operate by boiler ID# from 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#	ID#	ID#	ID#	ID#
Regulatory Authorities Florida Dept of Environmental Regulation						

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

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

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

# Phase II Permit Application

Page 1

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

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

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

☐

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 5 (optional)**  
Enter the source AIRS  
and FINDS identification  
numbers, if known

AIRS
FINDS

United States  
Environmental Protection Agency  
Acid Rain Program

OMB No. 2050-0221  
Expires 6-30-88



# Certificate of Representation

Page 1

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

This submission is: ☒ New ☐ Revised

## STEP 1

Identify the source by plant name, State, and ORIS code from NADES

Plant Name	JEA, Northside Generating Station	State	FL	ORIS Code	667
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## STEP 2

Enter requested information for the designated representative

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

## STEP 3

Enter requested information for the alternate designated representative (optional)

Name			
Address			
Phone Number		Fax Number	

## STEP 4

Complete Step 5, read the certifications and sign and date

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

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

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

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

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

Where there are multiple holders of a legal or equitable title to, or a lesshold interest in, an affected unit, or where a utility or industrial consumer purchases power from an affected unit under life-of-the-unit, firm power contract 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, lesshold, 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 unit at the source to authorize the alternate designated representative to act in lieu of the designated representative.

**JEA, Northside Generating Station**  
 Plant Name (from Step 1)

Certificate - Page 2

Page **1** of **2**

**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 3**

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

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

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

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

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