

ENV 971219

CERTIFIED MAIL



December 19, 1997

The Department of Environmental Protection
Division of Air Resources Management
MS 5500
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

RE: U.S. EPA Phase II Nitrogen Oxides (NO_x) Compliance Plan Submittal
St. Johns River Power Park (SJRPP) Unit 1
Jacksonville Electric Authority (JEA)
ORIS # 000207

Dear Sir/Madam:

Pursuant to Section 76.9 of 40 C.F.R. Part 76, the Jacksonville Electric Authority (JEA) hereby submits the "Phase II NO_x Compliance Plan" for St. Johns River Power Park (SJRPP) Unit 1. Please note that SJRPP Unit 1 submitted a "Phase I Permit Application NO_x Compliance Plan" for SJRPP Unit 1 on December 06, 1996. The plan was approved commencing January 1, 1997 which required SJRPP Unit 1 to meet the Phase I annual 0.5 lbs/mmBTU NO_x emission rate limitation, as identified in 40 C.F. R. Part 76.5(a)(2).

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected unit for which this 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 and imprisonment.

Please contact Jay Worley at (904) 665-8729 if you have any questions concerning this submittal.

RECEIVED

DEC 24 1997

BUREAU OF
AIR REGULATION

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Eckenbach".

Jon Eckenbach
Designated Representative
St. Johns River Power Park Unit 1

xc: U.S. EPA
J. Worley, SJRPP
H. Oven, FDEP
C. Maire, ADR



Phase II NO_x Compliance Plan

For more information, see instructions and refer to 40 CFR 76.9

This submission is: New Revised

STEP 1

Indicate plant name, State, and ORIS code from NADB, if applicable

Plant Name ST. JOHNS RIVER POWER PARK (UNIT 1) JACKSONVILLE ELECTRIC AUTHORITY	FL State	000207 ORIS Code
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STEP 2

Identify each affected Group 1 and Group 2 boiler using the boiler ID# from NADB, if applicable. Indicate boiler type: "CB" for cell burner, "CY" for cyclone, "DBW" for dry bottom wall-fired, "T" for tangentially fired, "V" for vertically fired, and "WB" for wet bottom. Indicate the compliance option selected for each unit.

D#	D#	D#	D#	D#	D#
1					
Type DBW	Type	Type	Type	Type	Type

(a) Standard annual average emission limitation of 0.50 lb/mmBtu (for Phase I dry bottom wall-fired boilers)

(b) Standard annual average emission limitation of 0.45 lb/mmBtu (for Phase I tangentially fired boilers)

(c) EPA-approved early election plan under 40 CFR 76.8 through 12/31/07 (also indicate above emission limit specified in plan)

(d) Standard annual average emission limitation of 0.46 lb/mmBtu (for Phase II dry bottom wall-fired boilers)

(e) Standard annual average emission limitation of 0.40 lb/mmBtu (for Phase II tangentially fired boilers)

(f) Standard annual average emission limitation of 0.68 lb/mmBtu (for cell burner boilers)

(g) Standard annual average emission limitation of 0.86 lb/mmBtu (for cyclone boilers)

(h) Standard annual average emission limitation of 0.80 lb/mmBtu (for vertically fired boilers)

(i) Standard annual average emission limitation of 0.84 lb/mmBtu (for wet bottom boilers)

(j) NO_x Averaging Plan (include NO_x Averaging form)

(k) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(A) (check the standard emission limitation box above for most stringent limitation applicable to any unit utilizing stack)

(l) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(B) with NO_x Averaging (check the NO_x Averaging Plan box and include NO_x Averaging form)

Plant Name (from Step 1)
 ST. JOHNS RIVER POWER PARK (UNIT 1)
 JACKSONVILLE ELECTRIC AUTHORITY

STEP 2, cont'd.

D#	D#	D#	D#	D#	D#
Type	Type	Type	Type	Type	Type

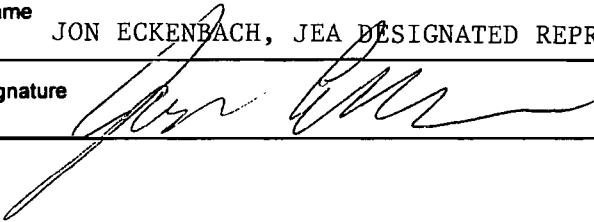
- | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| (m) EPA-approved common stack apportionment method pursuant to 40 CFR 75.17(a)(2)(i)(C), (a)(2)(iii)(B), or (b)(2) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (n) AEL (include Phase II AEL Demonstration Period, Final AEL Petition, or AEL Renewal form as appropriate) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (o) Petition for AEL demonstration period or final AEL under review by U.S. EPA or demonstration period ongoing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (p) Repowering extension plan approved or under review | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

STEP 3
 Read the standard requirements and certification, enter the name of the designated representative, sign & date.

Standard Requirements

General. This source is subject to the standard requirements in 40 CFR 72.9 (consistent with 40 CFR 76.8(e)(1)(i)). These requirements are listed in this source's Acid Rain Permit.

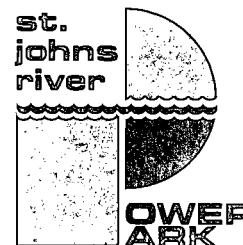
Special Provisions for Early Election Units

Name JON ECKENBACH, JEA DESIGNATED REPRESENTATIVE	
Signature 	Date 12/19/97

ENV 971219

CERTIFIED MAIL

December 19, 1997



The Department of Environmental Protection
Division of Air Resources Management
MS 5500
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

RE: U.S. EPA Phase II Nitrogen Oxides (NOx) Compliance Plan Submittal
St. Johns River Power Park (SJRPP) Unit 2
Jacksonville Electric Authority (JEA)
ORIS # 000207

Dear Sir/Madam:

Pursuant to Section 76.9 of 40 C.F.R. Part 76, the Jacksonville Electric Authority (JEA) hereby submits the "Phase II NOx Compliance Plan" for St. Johns River Power Park (SJRPP) Unit 2. Please note that SJRPP Unit 2 submitted a "Phase I Permit Application NOx Compliance Plan" for SJRPP Unit 2 on December 06, 1996. The plan was approved commencing January 1, 1997 which required SJRPP Unit 2 to meet the Phase I annual 0.5 lbs/mmBTU NOx emission rate limitation, as identified in 40 C.F. R. Part 76.5(a)(2).

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected unit for which this submission is made. I certify under penalty of law that I have personally examined, 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 and imprisonment.

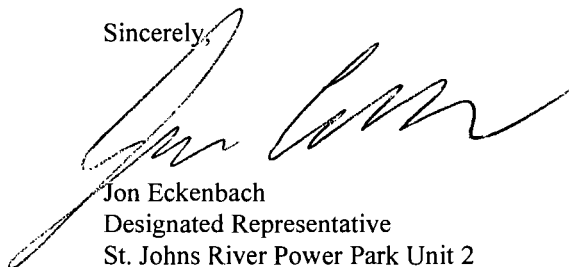
Please contact Jay Worley at (904) 665-8729 if you have any questions concerning this submittal.

RECEIVED

DEC 24 1997

**BUREAU OF
AIR REGULATION**

Sincerely,



Jon Eckenbach
Designated Representative
St. Johns River Power Park Unit 2

xc: U.S. EPA
J. Worley, SJRPP
H. Oven, FDEP
C. Maire, ADR

(l) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(B) with NO_x Averaging (check the NO_x Averaging Plan box and include NO_x Averaging form)

Plant Name (from Step 1)
 ST. JOHNS RIVER POWER PARK (UNIT 2)
 JACKSONVILLE ELECTRIC AUTHORITY

STEP 2, cont'd.

D#	D#	D#	D#	D#	D#
Type	Type	Type	Type	Type	Type

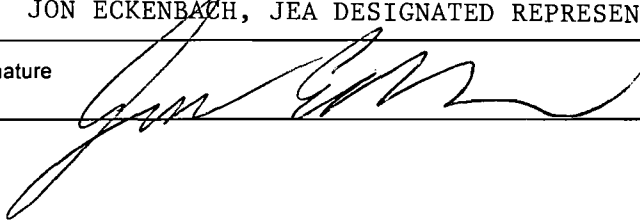
- (m) EPA-approved common stack apportionment method pursuant to 40 CFR 75.17 (a)(2)(i)(C), (a)(2)(iii)(B), or (b)(2)
- (n) AEL (include Phase II AEL Demonstration Period, Final AEL Petition, or AEL Renewal form as appropriate)
- (o) Petition for AEL demonstration period or final AEL under review by U.S. EPA or demonstration period ongoing
- (p) Repowering extension plan approved or under review

STEP 3
 Read the standard requirements and certification, enter the name of the designated representative, sign & date.

Standard Requirements

General. This source is subject to the standard requirements in 40 CFR 72.9 (consistent with 40 CFR 76.8(e)(1)(i)). These requirements are listed in this source's Acid Rain Permit.

Special Provisions for Early Election Units

Name JON ECKENBACH, JEA DESIGNATED REPRESENTATIVE	
Signature 	Date 12/19/97

Jen CLAIR

CERTIFIED

EV 990128

January 28, 1999

Mr. Howard L. Rhodes
Florida Department of Environmental Protection
Division of Air Resources Management
MS 5500
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: St. Johns River Power Park (SJRPP) Unit #2
JEA
Phase I Nitrogen Oxides (NO_x) Annual Compliance Certification Report - Resubmittal
ORIS #000207

RECEIVED
FEB 01 1999
DIVISION OF AIR
RESOURCES MANAGEMENT
RECEIVED
FEB 02 1999
BUREAU OF
AIR REGULATION



Dear Mr. Rhodes,

Pursuant to EPA's review, JEA hereby resubmits the "Phase I NO_x Annual Compliance Certification Report" for St. Johns River Power Park (SJRPP) Unit #2. Please note that SJRPP Unit #2 is a Phase II facility which submitted a "Phase I Permit Application NO_x Compliance Plan" for Unit #2 on December 06, 1996. The plan was approved commencing January 01, 1997, which required SJRPP Unit #2 to meet the Phase I annual 0.5 lbs/MMBtu emission rate limitation, as identified in 40 CFR Part 76.5(a)(2). Please note that page AC1, Step 2, column B field, has been corrected to reflect compliance with the NO_x emissions limitation.

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected unit for which this 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 of that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine and imprisonment.

Please contact Jay Worley any (904) 665-8729 if you have any questions concerning this submittal.

Sincerely,

Jon Eckenbach
Jon Eckenbach
Designated Representative
St. Johns River Power Park Unit #2

xc: K. Smith, U.S. EPA
J. Worley, SJRPP
H. Oven, FDEP
T. Perkins, JEA



Phase I Annual Compliance Certification Report

AC1

See instructions for completing this form.

Step 1

Plant Name St. Johns River Power Park (Unit #2) JEA	State FL	ORIS Code 000207	Compliance Year 1998
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Step 2

	Column A	Column B	Column C	Column D
	As of the allowance transfer deadline, did this unit hold allowances in its compliance subaccount (after accounting for any allowance deductions under 40 CFR 73.34(c)) not less than its total SO ₂ emissions during the year?	Where applicable, was the unit operated in compliance with the NO _x emissions limitation applicable to the unit under the Acid Rain Program?	Has the monitoring plan for this unit been maintained to reflect the actual operation and monitoring of the unit and does the plan contain all information necessary to attribute monitored emissions to the unit?	Were all emissions from this unit monitored or accounted for through the missing data procedures and reported in quarterly monitoring reports?
ATS Account Number 000207000002	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
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	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
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	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>



Phase I Annual Compliance Certification Report

AC2

See instructions for completing this form.

Plant Name

St. Johns River Power Park (Unit #2)
JEA

State

FL

Step 2 Continued...

Column E

Column F

Column G

	Have the facts changed that form the basis for using an Acid Rain Program excepted monitoring method or approved alternative monitoring method?	Enter the number of Allowance Deduction Form pages for each ATS Account Number. (Submitting Allowance Deduction Forms is Optional.)	Offset Plans: For each unit for which "No" was indicated in column A of Step 2, check Box 1 or 2.	
			Box 1	Box 2
ATS Account Number 000207000002	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>





Phase I Annual Compliance Certification Report

PLEASE TYPE OR PRINT CLEARLY IN BLACK IN ALL LETTERS IN UPPER-CASE, LEFT JUSTIFY TEXT, RIGHT JUSTIFY NUMBERS AS SHOWN.

A	B	C
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1	2	3
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 See instructions for completing this form.

Plant Name

St. Johns River Power Park (Unit #2)
JEA

State

FL

Compliance Year

1 9 9 8

Step 3 For each unit for which a "Yes" was indicated at Step 2, column E, attach a separate sheet of paper that specifies:
a: The nature of the change
b: The reason for the change
c: When the change occurred
d: How the unit's compliance status was determined subsequent to the change
e: The method used to determine emissions when the change mandated the need for monitor recertification

Step 4 Submit a separate Utilization Accounting Form for each unit listed in Step 2. (NOTE: Units apportioned under section 40CFR 72.33 must submit a separate Utilization Accounting Form for each portion of the unit.) Opt-in sources listed in Step 2 must submit an Opt-in Utilization Form instead of the Utilization Accounting Form.

Step 5 1997 COMPLIANCE YEAR ONLY: For each Phase I extension control unit at which qualifying Phase I technology commenced operation include the unit's start-up test results.

Step 6 OPTIONAL: For each unit in a common stack group indicate the fraction of allowances to be deducted to account for the total emissions measured at the common stack. If you do not indicate otherwise, an equal percentage of allowances will be deducted from each unit's account.

ATS Account Number

Fraction of Total Allowances to be Deducted

Common Stack Number

Step 7 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.

Name	Jon Eckenbach - Designated Representative	Date	01	29	99
Signature		AAR ID#			

CERTIFIED

EV 990120

January 20, 1999

Florida Department of Environmental Protection
Division of Air Resources Management
MS 5000
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: St. Johns River Power Park (SJRPP) Unit #1
JEA
Phase I Nitrogen Oxides (NO_x) Annual Compliance Certification Report
ORIS #000207

RECEIVED

JAN 25 1999

**BUREAU OF
AIR REGULATION**



Dear Sir/ Madam,

The JEA hereby submits the "Phase I NO_x Annual Compliance Certification Report" for St. Johns River Power Park (SJRPP) Unit #1. Please note that SJRPP Unit #1 is a Phase II facility which submitted a "Phase I Permit Application NO_x Compliance Plan" for Unit #1 on December 06, 1996. The plan was approved commencing January 01, 1997, which required SJRPP Unit #1 to meet the Phase I annual 0.5 lbs/MMBtu emission rate limitation, as identified in 40 CFR Part 76.5(a)(2).

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected unit for which this 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 of that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine and imprisonment.

Please contact Jay Worley any (904) 665-8729 if you have any questions concerning this submittal.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Eckenbach".

Jon Eckenbach
Designated Representative
St. Johns River Power Park Unit #1

xc: U.S. EPA
J. Worley, SJRPP
H. Oven, FDEP
T. Perkins, JEA



Phase I Annual Compliance Certification Report

AC1

See instructions for completing this form.

Step 1 Plant Name: St. Johns River Power Park (Unit #1)
JEA State: FL ORIS Code: 000207 Compliance Year: 1998

Step 2	Column A	Column B	Column C	Column D
<p>ATS Account Number</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">000207000001</div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">JAN 25 1999</div> <p style="text-align: center;">BUREAU OF AIR REGULATION</p>	<p>As of the allowance transfer deadline, did this unit hold allowances in its compliance subaccount (after accounting for any allowance deductions under 40 CFR 73.34(c)) not less than its total SO₂ emissions during the year?</p>	<p>Where applicable, was the unit operated in compliance with the NO_x emissions limitation applicable to the unit under the Acid Rain Program?</p>	<p>Has the monitoring plan for this unit been maintained to reflect the actual operation and monitoring of the unit and does the plan contain all information necessary to attribute monitored emissions to the unit?</p>	<p>Were all emissions from this unit monitored or accounted for through the missing data procedures and reported in quarterly monitoring reports?</p>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
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Phase I Annual Compliance Certification Report

See instructions for completing this form.

Plant Name

St. Johns River Power Park (Unit #1)
JEA

State

FL

Step 2 Continued...

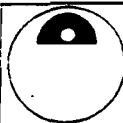
Column E

Column F

Column G

	Have the facts changed that form the basis for using an Acid Rain Program excepted monitoring method or approved alternative monitoring method?	Enter the number of Allowance Deduction Form pages for each ATS Account Number. (Submitting Allowance Deduction Forms is Optional.)	Offset Plans: For each unit for which "No" was indicated in column A of Step 2, check Box 1 or 2.	
			Immediately deduct allowances to offset the unit's excess emissions.	I am submitting the Excess Emission Offset Plan for public comment, review, and approval.
			Box 1	Box 2
ATS Account Number 000207000001	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>





United States
Environmental Protection Agency
Washington, DC 20460
Acid Rain Program

Phase I Annual Compliance Certification Report

OMB No. 2060-0258

AC3

PLEASE TYPE OR PRINT CLEARLY IN BLACK INK
ALL LETTERS IN UPPER-CASE, LEFT JUSTIFY
TEXT, RIGHT JUSTIFY NUMBERS AS SHOWN.

A	B	C	1	2	3
---	---	---	---	---	---

See instructions for completing this form.

Plant Name

St. Johns River Power Park (Unit #1)
JEA

State

FL

Compliance Year

1 9 9 8

- Step 3** For each unit for which a "Yes" was indicated at Step 2, column E, attach a separate sheet of paper that specifies:
 - a: The nature of the change
 - b: The reason for the change
 - c: When the change occurred
 - d: How the unit's compliance status was determined subsequent to the change
 - e: The method used to determine emissions when the change mandated the need for monitor recertification
- Step 4** Submit a separate Utilization Accounting Form for each unit listed in Step 2 that is required to hold allowances. (NOTE: Units apportioned under section 40CFR 72.33 must submit a separate Utilization Accounting Form for each portion of the unit.) Opt-in sources listed in Step 2 must submit an Opt-in Utilization Form instead of the Utilization Accounting Form.
- Step 5 1997 COMPLIANCE YEAR ONLY:** For each Phase I extension control unit at which qualifying Phase I technology commenced operation include the unit's start-up test results.
- Step 6 OPTIONAL:** For each unit in a common stack group indicate the fraction of allowances to be deducted to account for the total emissions measured at the common stack. If you do not indicate otherwise, an equal percentage of allowances will be deducted from each unit's account.

ATS Account Number

Fraction of Total Allowances to be Deducted

Common Stack Number

Step 7 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.

Name	Jon Eckenbach - Designated Representative	Date	1	3	0	9	9
Signature		AAR ID#					



CERTIFIED

EV 990120

January 20, 1999

Florida Department of Environmental Protection
Division of Air Resources Management
MS 5000
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED

JAN 25 1999

**BUREAU OF
AIR REGULATION**



RE: St. Johns River Power Park (SJRPP) Unit #2
JEA
Phase I Nitrogen Oxides (NO_x) Annual Compliance Certification Report
ORIS #000207

Dear Sir/ Madam,

The JEA hereby submits the "Phase I NO_x Annual Compliance Certification Report" for St. Johns River Power Park (SJRPP) Unit #2. Please note that SJRPP Unit #2 is a Phase II facility which submitted a "Phase I Permit Application NO_x Compliance Plan" for Unit #2 on December 06, 1996. The plan was approved commencing January 01, 1997, which required SJRPP Unit #2 to meet the Phase I annual 0.5 lbs/MMBtu emission rate limitation, as identified in 40 CFR Part 76.5(a)(2).

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected unit for which this 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 of that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine and imprisonment.

Please contact Jay Worley any (904) 665-8729 if you have any questions concerning this submittal.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Eckenbach".

Jon Eckenbach
Designated Representative
St. Johns River Power Park Unit #2

xc: U.S. EPA
J. Worley, SJRPP
H. Oven, FDEP
T. Perkins, JEA



Phase I Annual Compliance Certification Report

AC1

See instructions for completing this form.

Step 1

Plant Name St. Johns River Power Park (Unit #2) JEA	State FL	ORIS Code 000207	Compliance Year 1998
---	-------------	---------------------	-------------------------

Step 2

	Column A	Column B	Column C	Column D
	As of the allowance transfer deadline, did this unit hold allowances in its compliance subaccount (after accounting for any allowance deductions under 40 CFR 73.34(c)) not less than its total SO ₂ emissions during the year?	Where applicable, was the unit operated in compliance with the NO _x emissions limitation applicable to the unit under the Acid Rain Program?	Has the monitoring plan for this unit been maintained to reflect the actual operation and monitoring of the unit and does the plan contain all information necessary to attribute monitored emissions to the unit?	Were all emissions from this unit monitored or accounted for through the missing data procedures and reported in quarterly monitoring reports?
ATS Account Number 000207000002	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

RECEIVED
JAN 25 1999
BUREAU OF AIR REGULATION



Phase I Annual Compliance Certification Report

AC2

See instructions for completing this form.

Plant Name

St. Johns River Power Park (Unit #2)
JEA

State

FL

Step 2 Continued...

Column E

Column F

Column G

	Have the facts changed that form the basis for using an Acid Rain Program excepted monitoring method or approved alternative monitoring method?	Enter the number of Allowance Deduction Form pages for each ATS Account Number. (Submitting Allowance Deduction Forms is Optional.)	Offset Plans: For each unit for which "No" was indicated in column A of Step 2, check Box 1 or 2.	
			Immediately deduct allowances to offset the unit's excess emissions.	I am submitting the Excess Emission Offset Plan for public comment, review, and approval.
			Box 1	Box 2
ATS Account Number				
000207000002	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>





United States
Environmental Protection Agency
Washington, DC 20460
Acid Rain Program

Phase I Annual Compliance Certification Report

OMB No. 2080-0258

AC3

PLEASE TYPE OR PRINT CLEARLY IN BLACK INK
ALL LETTERS IN UPPER-CASE, LEFT JUSTIFY
TEXT, RIGHT JUSTIFY NUMBERS AS SHOWN.

A B C

1 2 3

See instructions for completing this form.

Plant Name

St. Johns River Power Park (Unit #2)
JEA

State

FL

Compliance Year

1 9 9 8

Step 3 For each unit for which a "Yes" was indicated at Step 2, column E, attach a separate sheet of paper that specifies:

- a: The nature of the change
- b: The reason for the change
- c: When the change occurred
- d: How the unit's compliance status was determined subsequent to the change
- e: The method used to determine emissions when the change mandated the need for monitor recertification

Step 4 Submit a separate Utilization Accounting Form for each unit listed in Step 2 that is required to hold allowances. (NOTE: Units apportioned under section 40CFR 72.33 must submit a separate Utilization Accounting Form for each portion of the unit.) Opt-in sources listed in Step 2 must submit an Opt-in Utilization Form instead of the Utilization Accounting Form.

Step 5 1997 COMPLIANCE YEAR ONLY: For each Phase I extension control unit at which qualifying Phase I technology commenced operation include the unit's start-up test results.

Step 6 OPTIONAL: For each unit in a common stack group indicate the fraction of allowances to be deducted to account for the total emissions measured at the common stack. If you do not indicate otherwise, an equal percentage of allowances will be deducted from each unit's account.

ATS Account Number	Fraction of Total Allowances to be Deducted	Common Stack Number

Step 7 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.

Name	Jon Eckenbach - Designated Representative	Date	1 2 0 9 9
Signature	<i>[Signature]</i>	AAR ID#	

ENV 971219

CERTIFIED MAIL



December 19, 1997

The Department of Environmental Protection
Division of Air Resources Management
MS 5500
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

RE: FDEP Phase II Nitrogen Oxides (NOx) Compliance Plan Submittal
St. Johns River Power Park (SJRPP) Unit 1
Jacksonville Electric Authority (JEA)
ORIS # 000207

Dear Sir/Madam:

Pursuant to Section 76.9 of 40 C.F.R. Part 76, the Jacksonville Electric Authority (JEA) hereby submits the "Phase II NOx Compliance Plan" for St. Johns River Power Park (SJRPP) Unit 1. Please note that SJRPP Unit 1 submitted a "Phase I Permit Application NOx Compliance Plan" for SJRPP Unit 1 on December 06, 1996. The plan was approved commencing January 1, 1997 which required SJRPP Unit 1 to meet the Phase I annual 0.5 lbs/mmBTU NOx emission rate limitation, as identified in 40 C.F. R. Part 76.5(a)(2).

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected unit for which this 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 and imprisonment.

Please contact Jay Worley at (904) 665-8729 if you have any questions concerning this submittal.

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DEC 24 1997

**BUREAU OF
AIR REGULATION**

Sincerely,

Jon Eckenbach
Designated Representative
St. Johns River Power Park Unit 1

xc: U.S. EPA
J. Worley, SJRPP
H. Oven, FDEP
C. Maire, ADR

Florida Department of Environmental Protection

Phase II NO_x Compliance Plan

For more information, see instructions and refer to 40 CFR 76.9

This submission is: New Revised

Page of

STEP 1 Indicate plant name, state, and ORIS code from NADB, if applicable.	ST. JOHNS RIVER POWER PARK (UNIT 1) Plant Name JACKSONVILLE ELECTRIC AUTHORITY	FL State	000207 ORIS Code
STEP 2	Identify each affected Group 1 and Group 2 boiler using the boiler ID# from NADB, if applicable. Indicate boiler type: "CB" for cell burner, "CY" for cyclone, "DBW" for dry bottom wall-fired, "T" for tangentially fired, "V" for vertically fired, and "WB" for wet bottom. Indicate the compliance option selected for each unit.		

ID#	ID#	ID#	ID#	ID#	ID#
1					
Type	Type	Type	Type	Type	Type
DBW					

- | | | | | | | |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| (a) Standard annual average emission limitation of 0.50 lb/mmBtu (for <u>Phase I</u> dry bottom wall-fired boilers) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (b) Standard annual average emission limitation of 0.46 lb/mmBtu (for <u>Phase I</u> tangentially fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (c) EPA-approved early election plan under 40 CFR 76.8 through 12/31/07 (also indicate above emission limit specified in plan) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (d) Standard annual average emission limitation of 0.46 lb/mmBtu (for <u>Phase II</u> dry bottom wall-fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (e) Standard annual average emission limitation of 0.40 lb/mmBtu (for <u>Phase II</u> tangentially fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (f) Standard annual average emission limitation of 0.66 lb/mmBtu (for cell burner boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (g) Standard annual average emission limitation of 0.86 lb/mmBtu (for cyclone boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (h) Standard annual average emission limitation of 0.80 lb/mmBtu (for vertically fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (i) Standard annual average emission limitation of 0.84 lb/mmBtu (for wet bottom boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (j) NO _x Averaging Plan (include NO _x Averaging form) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (k) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(A)
Check the standard emission limitation box above for most stringent limitation applicable to any unit utilizing stack) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

ST. JOHNS RIVER POWER PARK (UNIT 1)
 JACKSONVILLE ELECTRIC AUTHORITY
 Plant Name (from Step 1)

STEP 2, cont'd.

ID#	ID#	ID#	ID#	ID#	ID#
Type	Type	Type	Type	Type	Type

<p>(l) Common stack pursuant to 40 CFR 75.17(a)(2)(I)(B) with NO_x Averaging (check the NO_x Averaging Plan box and include NO_x Averaging Form)</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>(m) EPA-approved common stack apportionment method pursuant to 40 CFR 75.17 (a)(2)(I)(C), (a)(2)(III)(B), or (b)(2)</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>(n) AEL (Include Phase II AEL Demonstration Period, Final AEL Petition, or AEL Renewal form as appropriate)</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>(o) Petition for AEL demonstration period or final AEL under review by U.S. EPA or demonstration period ongoing</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Repowering extension plan approved or under review</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STEP 3
 Read the standard requirements and certification, enter the name of the designated representative, sign and date.

Standard Requirements
General. This source is subject to the standard requirements in 40 CFR 72.9 (consistent with 40 CFR 76.8(e)(1)(I)). These requirements are listed in this source's Acid Rain Part of its Title V permit.

Special Provisions for Early Election Units

Nitrogen Oxides. A unit that is governed by an approved early election plan shall be subject to an emissions limitation for NO_x as provided under 40 CFR 76.8(a)(2) except as provided under 40 CFR 76.8(e)(3)(III).

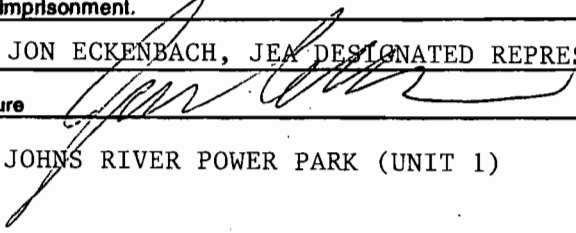
Liability. The owners and operators of a unit governed by an approved early election plan shall be liable for any violation of the plan or 40 CFR 76.8 at that unit. The owners and operators shall be liable, beginning January 1, 2000, for fulfilling the obligations specified in 40 CFR Part 77.

Termination. An approved early election plan shall be in effect only until the earlier of January 1, 2008 or January 1 of the calendar year for which a termination of the plan takes effect. If the designated representative of the unit under an approved early election plan fails to demonstrate compliance with the applicable emissions limitation under 40 CFR 76.5 for any year during the period beginning January 1 of the first year the early election takes effect and ending December 31, 2007, the permitting authority will terminate the plan. The termination will take effect beginning January 1 of the year after the year for which there is a failure to demonstrate compliance, and the designated representative may not submit a new early election plan. The designated representative of the unit under an approved early election plan may terminate the plan any year prior to 2008 but may not submit a new early election plan. In order to terminate the plan, the designated representative must submit a notice under 40 CFR 72.40(d) by January 1 of the year for which the termination is to take effect. If an early election plan is terminated any year prior to 2000, the unit shall meet, beginning January 1, 2000, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7. If an early election plan is terminated on or after 2000, the unit shall meet, beginning on the effective date of the termination, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7.

STEP 3, cont'd.

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.

Name JON ECKENBACH, JEA DESIGNATED REPRESENTATIVE	
Signature 	Date 12/19/97

ST. JOHNS RIVER POWER PARK (UNIT 1)

ENV 971219

CERTIFIED MAIL



December 19, 1997

The Department of Environmental Protection
Division of Air Resources Management
MS 5500
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

RE: FDEP Phase II Nitrogen Oxides (NOx) Compliance Plan Submittal
St. Johns River Power Park (SJRPP) Unit 2
Jacksonville Electric Authority (JEA)
ORIS # 000207

Dear Sir/Madam:

Pursuant to Section 76.9 of 40 C.F.R. Part 76, the Jacksonville Electric Authority (JEA) hereby submits the "Phase II NOx Compliance Plan" for St. Johns River Power Park (SJRPP) Unit 2. Please note that SJRPP Unit 2 submitted a "Phase I Permit Application NOx Compliance Plan" for SJRPP Unit 2 on December 06, 1996. The plan was approved commencing January 1, 1997 which required SJRPP Unit 2 to meet the Phase I annual 0.5 lbs/mmBTU NOx emission rate limitation, as identified in 40 C.F. R. Part 76.5(a)(2).

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected unit for which this 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 and imprisonment.

Please contact Jay Worley at (904) 665-8729 if you have any questions concerning this submittal.

RECEIVED

DEC 24 1997

**BUREAU OF
AIR REGULATION**

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Eckenbach".

Jon Eckenbach
Designated Representative
St. Johns River Power Park Unit 2

xc: U.S. EPA
J. Worley, SJRPP
H. Oven, FDEP
C. Maire, ADR

Florida Department of Environmental Protection

Phase II NO_x Compliance Plan

For more information, see instructions and refer to 40 CFR 76.9

This submission is: New Revised Page of

STEP 1 Indicate plant name, state, and ORIS code from NADB, if applicable.	ST. JOHNS RIVER POWER PARK (UNIT 2) Plant Name JACKSONVILLE ELECTRIC AUTHORITY	FL State	000207 ORIS Code
STEP 2	Identify each affected Group 1 and Group 2 boiler using the boiler ID# from NADB, if applicable. Indicate boiler type: "CB" for cell burner, "CY" for cyclone, "DBW" for dry bottom wall-fired, "T" for tangentially fired, "V" for vertically fired, and "WB" for wet bottom. Indicate the compliance option selected for each unit.		

ID#	ID#	ID#	ID#	ID#	ID#
2					
Type	Type	Type	Type	Type	Type
DBW					

- | | | | | | | |
|--|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| (a) Standard annual average emission limitation of 0.50 lb/mmBtu (for <u>Phase I</u> dry bottom wall-fired boilers) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (b) Standard annual average emission limitation of 0.46 lb/mmBtu (for <u>Phase I</u> tangentially fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (c) EPA-approved early election plan under 40 CFR 76.8 through 12/31/07 (also indicate above emission limit specified in plan) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (d) Standard annual average emission limitation of 0.46 lb/mmBtu (for <u>Phase II</u> dry bottom wall-fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (e) Standard annual average emission limitation of 0.40 lb/mmBtu (for <u>Phase II</u> tangentially fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (f) Standard annual average emission limitation of 0.68 lb/mmBtu (for cell burner boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (g) Standard annual average emission limitation of 0.86 lb/mmBtu (for cyclone boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (h) Standard annual average emission limitation of 0.80 lb/mmBtu (for vertically fired boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (i) Standard annual average emission limitation of 0.84 lb/mmBtu (for wet bottom boilers) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (j) NO _x Averaging Plan (include NO _x Averaging form) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| (k) Common stack pursuant to 40 CFR 75.17(a)(2)(ii)(A) (check the standard emission limitation box above for most stringent limitation applicable to any unit utilizing stack) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

ST. JOHNS RIVER POWER PARK (UNIT 2)
 JACKSONVILLE ELECTRIC AUTHORITY
 Plant Name (from Step 1)

STEP 2, cont'd.

ID#	ID#	ID#	ID#	ID#	ID#
Type	Type	Type	Type	Type	Type

- (l) Common stack pursuant to 40 CFR 75.17(a)(2)(I)(B) with NO_x Averaging (check the NO_x Averaging Plan box and include NO_x Averaging Form)
- (m) EPA-approved common stack apportionment method pursuant to 40 CFR 75.17 (a)(2)(I)(C), (a)(2)(III)(B), or (b)(2)
- (n) AEL (include Phase II AEL Demonstration Period, Final AEL Petition, or AEL Renewal form as appropriate)
- (o) Petition for AEL demonstration period or final AEL under review by U.S. EPA or demonstration period ongoing
- Repowering extension plan approved or under review

STEP 3
 Read the standard requirements and certification, enter the name of the designated representative, sign and date.

Standard Requirements
General. This source is subject to the standard requirements in 40 CFR 72.9 (consistent with 40 CFR 76.8(e)(1)(I)). These requirements are listed in this source's Acid Rain Part of its Title V permit.
Special Provisions for Early Election Units

Nitrogen Oxides. A unit that is governed by an approved early election plan shall be subject to an emissions limitation for NO_x as provided under 40 CFR 76.8(a)(2) except as provided under 40 CFR 76.8(e)(3)(II).

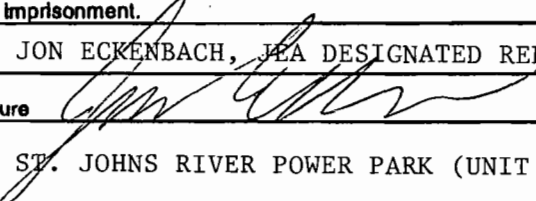
Liability. The owners and operators of a unit governed by an approved early election plan shall be liable for any violation of the plan or 40 CFR 76.8 at that unit. The owners and operators shall be liable, beginning January 1, 2000, for fulfilling the obligations specified in 40 CFR Part 77.

Termination. An approved early election plan shall be in effect only until the earlier of January 1, 2008 or January 1 of the calendar year for which a termination of the plan takes effect. If the designated representative of the unit under an approved early election plan fails to demonstrate compliance with the applicable emissions limitation under 40 CFR 76.5 for any year during the period beginning January 1 of the first year the early election takes effect and ending December 31, 2007, the permitting authority will terminate the plan. The termination will take effect beginning January 1 of the year after the year for which there is a failure to demonstrate compliance, and the designated representative may not submit a new early election plan. The designated representative of the unit under an approved early election plan may terminate the plan any year prior to 2008 but may not submit a new early election plan. In order to terminate the plan, the designated representative must submit a notice under 40 CFR 72.40(d) by January 1 of the year for which the termination is to take effect. If an early election plan is terminated any year prior to 2000, the unit shall meet, beginning January 1, 2000, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7. If an early election plan is terminated on or after 2000, the unit shall meet, beginning on the effective date of the termination, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7.

STEP 3, cont'd.

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.

Name JON ECKENBACH, JEA DESIGNATED REPRESENTATIVE	
Signature 	Date 12/19/97

ST. JOHNS RIVER POWER PARK (UNIT 2)