

Florida Department of Environmental Protection

Memorandum

TO: Joseph Kahn, Division of Air Resource Management
THROUGH: Trina Vielhauer, Bureau of Air Regulation JH
Jon Holtom, P.E., Title V Section
FROM: Scott M. Sheplak, P.E., Title V Section sms
DATE: November 5, 2008
SUBJECT: JEA's Northside Generating Station and St. Johns River Power Park
Separation Technologies LLC's Separation Technologies, Inc.

Final Permit No. 0310045-021-AC/PSD-FL-265D, Air Construction Permit Revision

The Final Permit for this project is attached for your approval and signature, which revises a specific condition of air construction permit 0310045-003-AC/PSD-FL-265, clarifying that tests may be conducted on the current blend of coal and/or petroleum coke and not require that the fuel be switched to 100% coal for the test.

The attached Final Determination identifies issuance of the draft permit and summarizes the publication process. There are no pending petitions for administrative hearings or extensions of time to file a petition for an administrative hearing.

I recommend your approval of the attached Final Permit for this project.

TLV/jkh/sms

Attachments

PSD only

FINAL DETERMINATION

PERMITTEE

JEA
21 West Church Street
Jacksonville, Florida 32202

Authorized Representative/Responsible Official: Mr. James M. Chansler, P.E., D.P.A., Chief Operating Officer

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, Title V Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Emissions Units Affected by this Proposed Project

E.U. ID Nos.	Brief Description
-029	Crusher House Building Baghouse Exhaust
-031	Fuel Silos Dust Collectors - Baghouse Exhaust

Proposed Project (Activity)

The applicant requested that the testing condition be updated to allow testing on coal and/or petroleum coke. Permit No. 0310045-003-AC/PSD-FL-265 allowed the use of petroleum coke in the Boiler Nos. 1 & 2 and the materials handling operation however, neglected to update the testing condition. This change will allow JEA to perform the annual tests on the fuels listed that are being fired at the time of testing and not require a switch to 100% coal just for testing.

NOTICE AND PUBLICATION

The Department distributed a Written Notice of Intent to Issue Permit package on October 13, 2008. The applicant published the Public Notice of Intent to Issue in the Florida Times Union on October 8, 2008. The Department received the proof of publication on October 15, 2008.

COMMENTS

No comments were received on the Draft Permit.

CONCLUSION

The final action of the Department is to issue the permit.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

NOTICE OF FINAL PERMIT

*In the Matter of an
Application for Permit by:*

JEA
21 West Church Street
Jacksonville, Florida 32202

Authorized Representative:
Mr. James M. Chansler, P.E., D.P.A.
Chief Operating Officer

Air Permit No. 0310045-021-AC/PSD-FL-265D
Northside Generating Station and St. Johns
River Power Park (NGS/SJRPP)
Separation Technologies LLC's Separation
Technologies, Inc. (STI)

Air Construction Permit Revision
Duval County

Enclosed is the final air construction permit revision, revising a specific condition of air construction permit 0310045-003-AC/PSD-FL-265, clarifying that tests may be conducted on the current blend of coal and/or petroleum coke and not require that the fuel be switched to 100% coal for the test. This facility is located in Duval County at 4377 Heckshire Drive, Jacksonville, Florida. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) 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 must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief
Bureau of Air Regulation

TLV/jkh/sms

NOTICE OF FINAL PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Permit and Final Determination), or a link to these documents available electronically on a publicly accessible server was sent by electronic mail with received receipt requested before the close of business on 11/10/08 to the persons listed below.

- Mr. James M. Chansler, P.E., D.P.A., Chief Operating Officer, JEA: chanJM@jea.com
- Mr. Michael Brost, Vice President, Electric Systems, JEA: brosmj@jea.com
- Mr. N. Bert Gianazza, P.E., JEA: gianNB@jea.com
- Mr. Chris Kirts, P.E., DEP NED: Christopher.Kirts@dep.state.fl.us
- Mr. Richard Robinson, P.E., ERMD/EQD/AQB: robinson@coj.net
- Mr. Michael Halpin, P.E., DEP Siting: michael.halpin@dep.state.fl.us
- Ms. Katy R. Forney, U.S. EPA, Region 4: Forney.Kathleen@epamail.epa.gov
- Ms. Barbara Friday, DEP BAR: Barbara.Friday@dep.state.fl.us (for posting with U.S. EPA, Region 4)
- Ms. Victoria Gibson, DEP BAR: Victoria.Gibson@dep.state.fl.us (for reading file)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged:



(Clerk)

11/10/08
(Date)



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

PERMITTEE:

JEA
21 West Church Street
Jacksonville, Florida 32202

Permit No. 0310045-021-AC/PSD-FL-265D
NGS/SJRPP/STI
Facility ID No. 0310045
Air Construction Permit Revision

PROJECT AND LOCATION

This permit revises a specific condition of air construction permit 0310045-003-AC/PSD-FL-265, clarifying that tests may be conducted on the current blend of coal and/or petroleum coke and not require that the fuel be switched to 100% coal for the test. The previously issued Permit No. 0310045-003-AC/PSD-FL-265 allowed the use of petroleum coke in CFB Boiler Nos. 1 & 2 and the materials handling operation. The existing NGS/SJRPP/STI is located at 4377 Heckshire Drive, Jacksonville, in Duval County. UTM Coordinates are: Zone 17, 446.90 km East and 3359.150 km North. Latitude is: 30° 21' 52" North; and, Longitude is: 81° 37' 25" West.

STATEMENT OF BASIS

This air pollution construction permit revision is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to install the proposed equipment in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

CONTENTS

Section III. Emissions Units and Specific Conditions

Joseph Kahn, Director
Division of Air Resource Management

11/10/08

Effective Date

JK/tlv/jkh/sms

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Emissions Units -029 & -031

Specific Condition III.41. from PSD-FL-265/0310045-003-AC is hereby changed

From:

41. Materials Handling Operations. Visible emissions tests shall be conducted on the materials handling operations to determine compliance with applicable limits, as follows:

Emissions Units at Northside	EPA Method(s)	Duration of VE Test	Frequency	Material
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XX. NSPS - Y				
Crusher House Building Baghouse Exhaust (EU-029)	9	IVE - 3 hr RVE - 30 min	I & R	C
Fuel Silos Dust Collectors - Baghouse Exhaust (EU-031)	9	IVE - 3 hr RVE - 30 min	I & R	C

C – Coal and/or Coal coated with latex
 I – Initial R - Renewal (once every 5 years)
 IVE – Initial Visible Emissions Test, RVE - Renewal Visible Emissions Test
 LS – Limestone; PC-Petroleum Coke

To:

41. Materials Handling Operations. Visible emissions tests shall be conducted on the materials handling operations to determine compliance with applicable limits, as follows:

Emissions Units at Northside	EPA Method(s)	Duration of VE Test	Frequency	Material
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XXI. NSPS - Y				
Crusher House Building Baghouse Exhaust (EU-029)	9	IVE - 3 hr RVE - 30 min	I & R	C <u>&/or PC</u>
Fuel Silos Dust Collectors - Baghouse Exhaust (EU-031)	9	IVE - 3 hr RVE - 30 min	I & R	C <u>&/or PC</u>

C – Coal and/or Coal coated with latex
 I – Initial R - Renewal (once every 5 years)
 IVE – Initial Visible Emissions Test, RVE - Renewal Visible Emissions Test
 LS – Limestone; PC-Petroleum Coke

Tracking:

Recipient	Delivery	Read
'chanJM@jea.com'		
'brosmj@jea.com'		
'gianNB@jea.com'		
Kirts, Christopher	Delivered: 11/10/2008 5:52 PM	Read: 11/12/2008 10:48 AM
'robinson@coj.net'		
'michael.halpin@dep.state.fl.us'	Failed: 11/10/2008 5:52 PM	
'Forney.Kathleen@epamail.epa.gov'		
Friday, Barbara	Delivered: 11/10/2008 5:52 PM	Read: 11/12/2008 7:37 AM
Gibson, Victoria	Delivered: 11/10/2008 5:52 PM	Read: 11/12/2008 9:16 AM
Walker, Elizabeth (AIR)	Delivered: 11/10/2008 5:52 PM	
Sheplak, Scott	Delivered: 11/10/2008 5:52 PM	Read: 11/10/2008 6:04 PM
Holtom, Jonathan	Delivered: 11/10/2008 5:52 PM	Read: 11/12/2008 8:30 AM

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Monday, November 10, 2008 5:52 PM
To: 'chanJM@jea.com'; 'brosmj@jea.com'; 'gianNB@jea.com'
Cc: Kirts, Christopher; 'robinson@coj.net'; 'michael.halpin@dep.state.fl.us';
'Forney.Kathleen@epamail.epa.gov'; Friday, Barbara; Gibson, Victoria; Walker, Elizabeth
(AIR); Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-021-AC (PSD-FL-265D)
Attachments: 0310045-021-AC.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". **We must receive verification that you are able to access the documents.** Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.021.AC.F_pdf.zip

Owner/Company Name: JEA
Facility Name: NORTHSIDE/SJRPP
Project Number: 0310045-021-AC/ PSD-FL-265D
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: DUVAL
Processor: Al Lineró/ David Read

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "*Air Permit Documents Search*" website at <http://www.dep.state.fl.us/air/eproducts/apds/default.asp>.

Permit project documents addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.



0310045-021-AC.p
df (645 KB)

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
850/921-0771

Livingston, Sylvia

From: Robinson, Richard [ROBINSON@coj.net]
Sent: Thursday, November 13, 2008 2:34 PM
To: Livingston, Sylvia
Subject: RE: JEA - NORTHSIDE/SJRPP; 0310045-021-AC (PSD-FL-265D)

Sylvia,

I can view the documents in the e-mail link below.

Thanks,

Richard

Richard L. Robinson, P.E.
Environmental Engineering Manager
Air Quality Branch
Environmental Quality Division
Environmental and Compliance Department
City of Jacksonville, Florida
117 West Duval Street, Suite 225
Jacksonville, FL 32202

Phone: (904) 630-4900
Fax: (904) 630-3638
E-Mail: robinson@coj.net

Please note: that under Florida's very broad public records law, e-mail communications to and from City officials may be subject to public disclosure.



Please consider the environment before printing this email.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Monday, November 10, 2008 5:52 PM
To: chanJM@jea.com; brosmj@jea.com; gianNB@jea.com
Cc: Kirts, Christopher; Robinson, Richard; michael.halpin@dep.state.fl.us; Forney.Kathleen@epamail.epa.gov; Friday, Barbara; Gibson, Victoria; Walker, Elizabeth (AIR); Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-021-AC (PSD-FL-265D)

Dear Sir/ Madam:

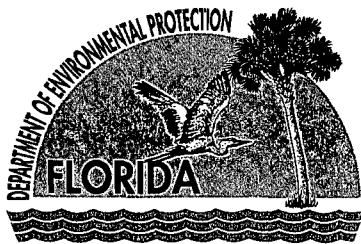
Attached is the official **Notice of Final Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". **We must receive verification that you are able to access the documents.** Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.021.AC.F_pdf.zip

Owner/Company Name: JEA
Facility Name: NORTHSIDE/SJRPP
Project Number: 0310045-021-AC/ PSD-FL-265D

11/13/2008



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

October 13, 2008

Electronic Mail – Received Receipt Requested

Mr. James M. Chansler, P.E., D.P.A., Chief Operating Officer
JEA
21 West Church Street
Jacksonville, Florida 32202

Re: Draft Permit No. 0310045-021-AC, Air Construction Permit Revision
Draft Permit No. 0310045-020-AV, Title V Air Operation Permit Renewal
JEA's Northside Generating Station and St. Johns River Power Park (NGS/SJRPP)
Separation Technologies LLC's Separation Technologies, Inc. (STI)

Dear Mr. Chansler:

Enclosed is the Draft permit package to renew the Title V air operation permit for NGS/SJRPP/STI and an air construction permit revision. This facility is located in Duval County at 4377 Heckshire Drive, Jacksonville, Florida. The permit package includes the following documents:

- The Written Notice of Intent to Issue Air Permits provides important information regarding: the Permitting Authority's intent to issue air permits for the proposed project; the requirements for publishing a Public Notice of the Permitting Authority's intent to issue air permits; the procedures for submitting comments on the Draft Permits; the process for filing a petition for an administrative hearing; and, the availability of mediation.
- The Public Notice of Intent to Issue Air Permits is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The Public Notice of Intent to Issue Air Permits must be published as soon as possible and the proof of publication must be provided to the Department within seven days of the date of publication.
- The Statement of Basis, which summarizes the facility, the equipment, the primary rule applicability, and the changes since the last Title V air operation permit.
- The Draft Title V air operation permit renewal, which includes the specific permit conditions that regulate the emissions units covered by the proposed project.
- The Draft air construction permit revision.
- **In order to ensure that the Title V air operation permit (including the Title IV Acid Rain Part) is effective January 1, 2009, the Public Notice needs to be published as soon as you receive this document. Subsequent action on the Title V and Title IV parts of the permit may be split if comments are received on the Title V portion of the Draft Permit.**

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Mr. Jonathan K. Holtom, P.E., Acting Program Administrator, Title V Section, at the above letterhead address. If you have any questions, please contact Mr. Scott M. Sheplak, P.E., by telephone at 850/921-9532 or by email at Scott.Sheplak@dep.state.fl.us.

Sincerely,

Trina L. Vielhauer, Chief
Bureau of Air Regulation

Enclosures
TLV/jkh/sms

Draft Permit
10-13-08

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS

*In the Matter of an
Application for Air Permits by:*

JEA
21 West Church Street
Jacksonville, Florida 32202

Responsible Official:

Mr. James M. Chansler, P.E., D.P.A., Chief Operating
Officer

Draft Permit No. 0310045-021-AC
Draft Permit No. 0310045-020-AV
Facility ID No. 0310045
NGS/SJRPP/STI

Air Construction Permit Revision
Title V Air Operation Permit Renewal

Duval County, Florida

Facility Location: JEA operates the NGS/SJRPP/STI, which is located at 4377 Heckshire Drive, Jacksonville in Duval County, Florida.

Project: The applicant applied on July 3, 2008 to the Department for a Title V air operation permit renewal and for the concurrent processing of an air construction (AC) permit revision. The purpose of this project is to renew Title V air operation permit No. 0310045-011-AV and to revise AC permit No. 0310045-003-AC. The AC permit revision adds petroleum coke to the materials required to be tested for Emission Unit ID Nos. -029 & -031. Details of the project are provided in the application and the enclosed Statement of Basis.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work.

Applications for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 and 62-214 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the address indicated above for the Permitting Authority. The complete project file includes the Draft Permits, the Statement of Basis, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the Draft Permits by visiting the following website:

<http://www.dep.state.fl.us/air/eproducts/apds/default.asp> and entering the permit number shown above.

Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permits: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS

unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

The Permitting Authority gives notice of its intent to issue a Title V air operation permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Proposed Permit and subsequent Final Permit in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or a significant change of terms or conditions.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at the above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft air construction permit revision for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

The Permitting Authority will accept written comments concerning the Draft Title V Air Operation Permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (FAW). If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the Draft Permit, the Permitting Authority shall issue a Revised Draft Permit and require, if applicable, another Public Notice. **Subsequent action on the Title V and Title IV parts of the permit may be split if comments are received on the Title V portion of the Draft Permit.** All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS

Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

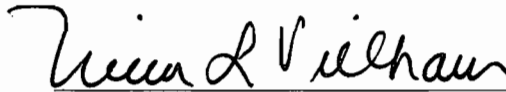
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Objections: Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the Permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm>.

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permits package (including the Public Notice, the Statement of Basis, and the Draft Permits), or a link to these documents available electronically on a publicly accessible server was sent by electronic mail with received receipt requested before the close of business on 10/13/08 to the persons listed below.

Mr. James M. Chansler, P.E., D.P.A.; Chief Operating Officer, JEA: chanJM@jea.com
Mr. Michael Brost, Vice President, Electric Systems, JEA: brosmj@jea.com
Mr. N. Bert Gianazza, P.E., JEA: gianNB@jea.com
Mr. Chris Kirts, P.E., DEP NED: Christopher.Kirts@dep.state.fl.us
Mr. Richard Robinson, P.E., ERMD/EQD/AQB: robinson@coj.net
Mr. Michael Halpin, P.E., DEP Siting: michael.halpin@dep.state.fl.us
Ms. Katy R. Forney, U.S. EPA, Region 4: Forney.Kathleen@epamail.epa.gov
Ms. Barbara Friday, DEP BAR: Barbara.Friday@dep.state.fl.us (for posting with U.S. EPA, Region 4)
Ms. Victoria Gibson, DEP BAR: Victoria.Gibson@dep.state.fl.us (for reading file)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

 10/13/08
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

Florida Department of Environmental Protection
Division of Air Resource Management, Bureau of Air Regulation
Draft Permit No. 0310045-021-AC
Draft Permit No. 0310045-020-AV

JEA's Northside Generating Station and St. Johns River Power Park (NGS/SJRPP)
Separation Technologies LLC's Separation Technologies, Inc. (STI)
Duval County, Florida

Applicant: The applicant for this project is JEA. The applicant's responsible official and mailing address are: Mr. James M. Chansler, P.E., D.P.A., Chief Operating Officer, JEA, NGS/SJRPP/STI, 21 West Church Street Jacksonville, Florida 32202.

Facility Location: The applicant operates the existing NGS/SJRPP/STI, which is located in Duval County at 4377 Heckshire Drive, Jacksonville, Florida.

Project: The applicant applied on July 3, 2008 to the Department for a Title V air operation permit renewal and for the concurrent processing of an air construction (AC) permit revision. The purpose of this project is to renew Title V air operation permit No. 0310045-011-AV and to revise AC permit No. 0310045-003-AC. The AC permit revision adds petroleum coke to the materials required to be tested for Emission Unit ID Nos. -029 & -031. Details of the project are provided in the application and the Statement of Basis. The existing facility consists of JEA's Northside Generating Station (NGS) and St. Johns River Power Park (SJRPP) facilities and the Separation Technologies LLC's Separation Technologies, Inc. (STI) fly ash processing system.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project.

Applications for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 and 62-214, of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the address indicated above for the Permitting Authority. The complete project file includes the Draft Permits, the Statement of Basis, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the Draft Permits by visiting the following website: <http://www.dep.state.fl.us/air/eproducts/apds/default.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Air Permits: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant

(Public Notice to be Published in the Newspaper)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

change of terms or conditions.

The Permitting Authority gives notice of its intent to issue a Title V air operation permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Proposed Permit and subsequent Final Permit in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft air construction permit revision for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

The Permitting Authority will accept written comments concerning the Draft Title V Permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (FAW). If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the Draft Permit, the Permitting Authority shall issue a Revised Draft Permit and require, if applicable, another Public Notice. **Subsequent action on the Title V and Title IV parts of the permit may be split if comments are received on the Title V portion of the Draft Permit.** All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of the Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.

Objections: Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the Permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm>.

**TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION**

APPLICANT

JEA
JEA's Northside Generating Station and St. Johns River Power Park (NGS/SJRPP)
Separation Technologies LLC's Separation Technologies, Inc. (STI)

Facility ID No. 0310045

PROJECT

Air Construction Permit Revision
Draft Permit No. 0310045-021-AC

COUNTY

Duval County

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
Title V Section
Mail Station #5505, 2600 Blair Stone Road
Tallahassee, Florida 32399-2400



October 13, 2008

TECHNICAL EVALUATION & PRELIMINARY DETERMINATION

GENERAL PROJECT INFORMATION

JEA

21 West Church Street
Jacksonville, Florida 32202

Authorized Representative/Responsible Official: Mr. James M. Chansler, P.E., D.P.A., Chief Operating Officer

Application Processing Schedule

Application for a Title V Air Operation Permit Renewal/Air Construction Permit Revision received July 3, 2008.

Additional Information Response received on September 16, 2008.

Additional Information Response received on September 30, 2008.

Relevant Documents

- Current Title V Air Operation Permit 0310045-016-AV.
- Power Plant Siting Act Certification PA 81-13.

FACILITY DESCRIPTION & LOCATION

The existing NGS/SJRPP/STI is located at 4377 Heckshire Drive, Jacksonville, in Duval County. UTM Coordinates are: Zone 17, 446.90 km East and 3359.150 km North. Latitude is: 30° 21' 52" North; and, Longitude is: 81° 37' 25" West.

The existing facility consists of JEA's Northside Generating Station (NGS) and St. Johns River Power Park (SJRPP) facilities and the Separation Technologies LLC's Separation Technologies, Inc. (STI) fly ash processing system.

PROPOSED PROJECT

Emissions Units Affected by this Proposed Project

E.U. ID Nos.	Brief Description
-029	Crusher House Building Baghouse Exhaust
-031	Fuel Silos Dust Collectors - Baghouse Exhaust

Proposed Project (Activity)

The applicant requested that the testing condition be updated to allow testing on coal and/or petroleum coke. Permit No. 0310045-003-AC/PSD-FL-265 allowed the use of petroleum coke in the Boiler Nos. 1 & 2 and the materials handling operation however, neglected to update the testing condition. This change will allow JEA to perform the annual tests on the fuels listed that are being fired at the time of testing and not require a switch to 100% coal just for testing.

PRIMARY REGULATORY REQUIREMENTS

Title III: This facility is a major source of hazardous air pollutants (HAP), based on the Title V permit renewal application received July 3, 2008.

Title IV: This facility operates units subject to the acid rain provisions of the Clean Air Act.

TECHNICAL EVALUATION & PRELIMINARY DETERMINATION

Title V: This facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: This facility is a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

NSPS: This facility operates units subject to the Standards of Performance for New Stationary Sources (NSPS) of 40 Code of Federal Regulations (CFR) 60.

CAIR: This facility operates units subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

Siting: Several of the emissions units were originally certified pursuant to the power plant siting provisions of Chapter 62-17, F.A.C.

Permit(s) Required

The Department requires the owner or operator of any emissions unit to obtain an appropriate permit prior to beginning construction, modification, or initial or continued operation, unless exempted pursuant to Department rule or statute. The Department now requires an air construction permit for the addition of an air pollution control device {see Rule 62-210.300(1)(a), F.A.C.}. The Department's rule for specifically when an air construction permit is required is found at Rule 62-210.300(1), F.A.C.

The Department has specific rules on when an air operation permit is required {see Rule 62-210.300(2), F.A.C.} and when activity is exempt from permitting {see Rules 62-210.300(3) and 62-4.040, F.A.C.}.

The proposed activity is not specifically exempted from permitting in Rules 62-210.300(3) or 62-4.040, F.A.C.

Air Construction Permit Required

The proposed activity involves changes to the existing emissions units testing requirements specified in the AC permit. The Department therefore requires an air construction permit revision for the owner or operator to proceed with the proposed activity in accordance with Rule 62-210.300(1)(a), F.A.C.

Title V Air Operation Permit Required

The existing facility currently operates under a Title V air operation permit. Inclusion of this activity in the Title V air operation permit is required to allow the operation of the proposed activity.

AIR POLLUTANT EMISSIONS & CONTROLS

There are no anticipated increases in actual emissions or new emissions. This project is therefore considered to be a minor source air construction permit.

PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete permit application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit.

Mr. Scott M. Sheplak, P.E. is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting him by telephone at 850/921-9532 or by e-mail at Scott.Sheplak@dep.state.fl.us in the Department's Bureau of Air Regulation at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

Draft Permit

PERMITTEE:

JEA
21 West Church Street
Jacksonville, Florida 32202

Permit No. 0310045-021-AC
NGS/SJRPP/STI
Facility ID No. 0310045
Air Construction Permit Revision

PROJECT AND LOCATION

This permit revises a specific condition of air construction permit 0310045-003-AC/PSD-FL-265, clarifying that tests may be conducted on the current blend of coal and/or petroleum coke and not require that the fuel be switched to 100% coal for the test. The previously issued Permit No. 0310045-003-AC/PSD-FL-265 allowed the use of petroleum coke in CFB Boiler Nos. 1 & 2 and the materials handling operation. The existing NGS/SJRPP/STI is located at 4377 Heckshire Drive, Jacksonville, in Duval County. UTM Coordinates are: Zone 17, 446.90 km East and 3359.150 km North. Latitude is: 30° 21' 52" North; and, Longitude is: 81° 37' 25" West.

STATEMENT OF BASIS

This air pollution construction permit revision is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to install the proposed equipment in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

CONTENTS

Section III. Emissions Units and Specific Conditions

(DRAFT)

Joseph Kahn, Director
Division of Air Resource Management

(Date)

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Emissions Units -029 & -031

Specific Condition III.41. from PSD-FL-265/0310045-003-AC is hereby changed

From:

41. Materials Handling Operations. Visible emissions tests shall be conducted on the materials handling operations to determine compliance with applicable limits, as follows:

Emissions Units at Northside	EPA Method(s)	Duration of VE Test	Frequency	Material
------------------------------	---------------	---------------------	-----------	----------

XX. NSPS - Y				
Crusher House Building Baghouse Exhaust (EU-029)	9	IVE - 3 hr RVE - 30 min	I & R	C
Fuel Silos Dust Collectors - Baghouse Exhaust (EU-031)	9	IVE - 3 hr RVE - 30 min	I & R	C

C – Coal and/or Coal coated with latex

I – Initial R - Renewal (once every 5 years)

IVE – Initial Visible Emissions Test, RVE - Renewal Visible Emissions Test

LS – Limestone; PC-Petroleum Coke

To:

41. Materials Handling Operations. Visible emissions tests shall be conducted on the materials handling operations to determine compliance with applicable limits, as follows:

Emissions Units at Northside	EPA Method(s)	Duration of VE Test	Frequency	Material
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XXI. NSPS - Y				
Crusher House Building Baghouse Exhaust (EU-029)	9	IVE - 3 hr RVE - 30 min	I & R	C &/or PC
Fuel Silos Dust Collectors - Baghouse Exhaust (EU-031)	9	IVE - 3 hr RVE - 30 min	I & R	C &/or PC

C – Coal and/or Coal coated with latex

I – Initial R - Renewal (once every 5 years)

IVE – Initial Visible Emissions Test, RVE - Renewal Visible Emissions Test

LS – Limestone; PC-Petroleum Coke

Memorandum

Florida Department of Environmental Protection

TO: Trina L. Vielhauer

THRU: Jonathan K. Holtom, P.E. *JKH*

FROM: Scott M. Sheplak, P.E. *sms*

DATE: October 8, 2008

SUBJECT: JEA's Northside Generating Station and St. Johns River Power Park
Separation Technologies LLC's Separation Technologies, Inc.

Intent to Issue Package
Draft Permit No. 0310045-020-AV, Title V Air Operation Permit Renewal
Draft Permit No. 0310045-021-AC, Air Construction Permit Revision

Permitting Clock: Today is ARMS Day 9, Day 90 is 12/29/2008

Attached for your review is the following package:

- Cover Letter;
- Written Notice of Intent to Issue Air Permits w/ Public Notice of Intent to Issue Air Permits;
- Statement of Basis;
- Technical Evaluation & Preliminary Determination
- P.E. Certification Statement; and,
- Draft Permits.

This application was received in hard copy form. The applicant requested changes to the existing permit. The applicant certified compliance in this permit renewal application with an issue identified. The issue was related to the spray dryer absorbers for E.U. ID Nos. -026 & -027 (CFB Boiler Nos. 2 & 1), a concern raised by Duval County. The compliance authority, Duval County, reported on July 15, 2008 via e-mail no outstanding enforcement actions with this facility. Duval County noted the same compliance issue.

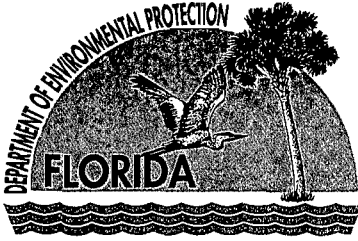
The permitting notes on heat input were kept for emissions units that have not been issued an AC permit. The notes were removed or kept out of the permit for emissions units that have been issued either an AC permit or a PSD permit. Permit No. 0310045-003-AC/PSD-FL-265 for E.U. ID Nos. -026 & -027 (CFB Boiler Nos. 2 & 1) did contain the note, so it was kept.

Due to the extensive nature of this permitting action sequential processing is recommended, not parallel (combined), e.g., Draft/Proposed.

I recommend approval and signature.

Attachments

JKH/sms



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

P.E. Certification Statement

Applicant:

JEA

Northside Generating Station and

St. Johns River Power Park (NGS/SJRPP)

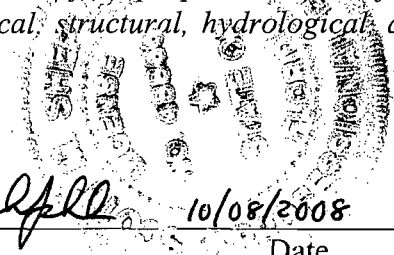
Separation Technologies LLC's Separation Technologies, Inc. (STI)

Draft Permit No. 0310045-020-AV

Draft Permit No. 0310045-021-AC

Project Type: Title V Air Operation Permit Renewal, 2nd Renewal
Air Construction Permit Revision

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological and geological features).



Scott M. Sheplak

Scott M. Sheplak
Professional Engineer (P.E.)
License Number 48866

10/08/2008

Date

Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/921-9532
Fax: 850/921-9533

Friday, Barbara

To: 'chanjm@jea.com'
Cc: 'brosmj@jea.com'; Gianazza, N. Bert; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Attachments: 0310045-020-AV&021-ACCoverLetter&IntentToIssue.pdf

Click on the link to the documents displayed below and send a "reply" message verifying receipt of the document(s) provided in this email; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". We must receive verification that you are able to access the documents. Your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.020.AV.D_pdf.zip

Click on the following link to access the permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.021.AC.D_pdf.zip

This is the official notification of the *Draft Permit Renewal* and its associated documents for the following project:

Attention: Scott Sheplak

Owner/Company Name: JEA
Facility Name: NORTHSIDE/SJRPP
Project Number: 0310045-020-AV
Permit Status: DRAFT
Permit Activity: PERMIT RENEWAL
Facility County: DUVAL

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> .

Permit project documents addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

(850)921-9524

Friday, Barbara

From: Gibson, Victoria
Sent: Monday, October 13, 2008 4:18 PM
To: Friday, Barbara
Subject: Out of Office AutoReply: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

from Friday afternoon through Wednesday, 10/15. I will respond to any e-mails when I return on Thursday, 10/16.

Thank you. Vickie

Friday, Barbara

From: System Administrator
To: Sheplak, Scott
Sent: Monday, October 13, 2008 4:18 PM
Subject: Delivered:JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: 'chanjm@jea.com'
Cc: 'brosmj@jea.com'; 'Gianazza, N. Bert'; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Sent: 10/13/2008 4:18 PM

was delivered to the following recipient(s):

Sheplak, Scott on 10/13/2008 4:18 PM

Friday, Barbara

From: System Administrator
To: Kirts, Christopher; Gibson, Victoria
Sent: Monday, October 13, 2008 4:18 PM
Subject: Delivered:JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: 'chanjm@jea.com'
Cc: 'brosmj@jea.com'; 'Gianazza, N. Bert'; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Sent: 10/13/2008 4:18 PM

was delivered to the following recipient(s):

Kirts, Christopher on 10/13/2008 4:18 PM
Gibson, Victoria on 10/13/2008 4:18 PM

Friday, Barbara

From: System Administrator
To: Walker, Elizabeth (AIR); Halpin, Mike; Livingston, Sylvia; Holtom, Jonathan
Sent: Monday, October 13, 2008 4:18 PM
Subject: Delivered:JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: 'chanjm@jea.com'
Cc: 'brosmj@jea.com'; 'Gianazza, N. Bert'; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Sent: 10/13/2008 4:18 PM

was delivered to the following recipient(s):

Walker, Elizabeth (AIR) on 10/13/2008 4:18 PM
Halpin, Mike on 10/13/2008 4:18 PM
Livingston, Sylvia on 10/13/2008 4:18 PM
Holtom, Jonathan on 10/13/2008 4:18 PM

Friday, Barbara

From: Livingston, Sylvia
To: Friday, Barbara
Sent: Monday, October 13, 2008 4:18 PM
Subject: Read: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: 'chanjm@jea.com'
Cc: 'brosmj@jea.com'; 'Gianazza, N. Bert'; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Sent: 10/13/2008 4:18 PM

was read on 10/13/2008 4:18 PM.

Friday, Barbara

From: Exchange Administrator
Sent: Monday, October 13, 2008 4:18 PM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT120550.txt; JEA - NORTHSIDE/SJRPP; 0310045-020-AV



ATT120550.txt (283 B) JEA - NORTHSIDE/
SJRPP; 0310045...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

ROBINSON@coj.net

Friday, Barbara

From: Exchange Administrator
Sent: Monday, October 13, 2008 4:18 PM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT120553.txt; JEA - NORTHSIDE/SJRPP; 0310045-020-AV



ATT120553.txt JEA - NORTHSIDE/
(429 B) SJRPP; 0310045...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

chanjm@jea.com
brosmj@jea.com
GianNB@jea.com

Friday, Barbara

From: Robinson, Richard [ROBINSON@coj.net]
Sent: Monday, October 13, 2008 4:19 PM
To: Friday, Barbara
Subject: Out of Office AutoReply: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

I will be out of the office 10/13 through 10/14. If you need immediate assistance please e-mail Jerry Woosley at Woosley@coj.net.

Friday, Barbara

From: Holtom, Jonathan
To: Friday, Barbara
Sent: Monday, October 13, 2008 4:19 PM
Subject: Read: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: 'chanjm@jea.com'
Cc: 'brosnj@jea.com'; 'Gianazza, N. Bert'; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Sent: 10/13/2008 4:18 PM

was read on 10/13/2008 4:19 PM.

Friday, Barbara

From: Chansler, James M. - Chief Operating Officer [ChanJM@jea.com]
To: Friday, Barbara
Sent: Monday, October 13, 2008 4:19 PM
Subject: Read: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: ChanJM@jea.com
Subject:

was read on 10/13/2008 4:19 PM.

Friday, Barbara

From: Chansler, James M. - Chief Operating Officer [ChanJM@jea.com]
Sent: Monday, October 13, 2008 4:20 PM
To: Friday, Barbara
Subject: RE: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Bert,

I'll assume you will "reply."

Thanks. -James

James M. Chansler, P.E., D.P.A.

Chief Operating Officer

JEA

(904) 665-4433

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Monday, October 13, 2008 4:18 PM
To: Chansler, James M. - Chief Operating Officer
Cc: Brost, Mike J. - VP, Electric Systems; Gianazza, N. Bert; Kirts, Christopher; ROBINSON@coj.net; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Click on the link to the documents displayed below and send a "reply" message verifying receipt of the document(s) provided in this email; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send". We must receive verification that you are able to access the documents. Your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.020.AV.D_pdf.zip

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.021.AC.D_pdf.zip

This is the official notification of the Draft Permit Renewal and its associated documents for the following project:

Attention: Scott Sheplak

Owner/Company Name: JEA
Facility Name: NORTHSIDE/SJRPP
Project Number: 0310045-020-AV
Permit Status: DRAFT
Permit Activity: PERMIT RENEWAL

Facility County: DUVAL

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at

<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>

<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> > .

Permit project documents are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

(850)921-9524

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey <<http://survey.dep.state.fl.us/?refemail=Barbara.Friday@dep.state.fl.us>> . Thank you in advance for completing the survey.

Florida has a very broad Public Records Law. Virtually all written communications to or from State and Local Officials and employees are public records available to the public and media upon request. JEA does not differentiate between personal and business e-mails. E-mail sent on the JEA system will be considered public and will only be withheld from disclosure if deemed confidential pursuant to State Law. Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact JEA by phone or in writing.

Friday, Barbara

From: Mail Delivery System [MAILER-DAEMON@mseive02.rtp.epa.gov]
Sent: Monday, October 13, 2008 4:19 PM
To: Friday, Barbara
Subject: Successful Mail Delivery Report

Attachments: Delivery report; Message Headers



Delivery report.txt
(500 B)

Message
Headers.txt (2 KB)

This is the mail system at host mseive02.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<Forney.Kathleen@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250
OK, sent 48F3AD25_4586_35217_1 C19DC254007

Friday, Barbara

From: Gianazza, N. Bert [GianNB@jea.com]
To: Friday, Barbara
Sent: Monday, October 13, 2008 4:30 PM
Subject: Read: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: GianNB@jea.com
Subject:

was read on 10/13/2008 4:30 PM.

Friday, Barbara

From: Gianazza, N. Bert [GianNB@jea.com]
Sent: Monday, October 13, 2008 4:31 PM
To: Friday, Barbara
Subject: RE: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

On behalf of my R.O. and me...received.

From: Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]
Sent: Monday, October 13, 2008 4:18 PM
To: Chansler, James M. - Chief Operating Officer
Cc: Brost, Mike J. - VP, Electric Systems; Gianazza, N. Bert; Kirts, Christopher; ROBINSON@coj.net; Halpin, Mike; Forney.Kathleen@epamail.epa.gov; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

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http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.020.AV.D_pdf.zip

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This is the official notification of the Draft Permit Renewal and its associated documents for the following project:

Attention: Scott Sheplak.

Owner/Company Name: JEA
Facility Name: NORTHSIDE/SJRPP
Project Number: 0310045-020-AV
Permit Status: DRAFT
Permit Activity: PERMIT RENEWAL
Facility County: DUVAL

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<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>
<<http://www.dep.state.fl.us/air/eproducts/apds/default.asp>> > .

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Barbara Friday

Bureau of Air Regulation

Division of Air Resource Management (DARM)

(850) 921-9524

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Friday, Barbara

From: Brost, Mike J. - VP, Electric Systems [BrosMJ@jea.com]
To: Friday, Barbara
Sent: Monday, October 13, 2008 5:45 PM
Subject: Read: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: BrosMJ@jea.com
Subject:

was read on 10/13/2008 5:45 PM.

Friday, Barbara

From: Halpin, Mike
To: Friday, Barbara
Sent: Monday, October 13, 2008 7:23 PM
Subject: Read: JEA - NORTHSIDE/SJRPP; 0310045-020-AV

Your message

To: 'chanjm@jea.com'
Cc: 'brosmj@jea.com'; 'Gianazza, N. Bert'; Kirts, Christopher; 'ROBINSON@coj.net'; Halpin, Mike; 'Forney.Kathleen@epamail.epa.gov'; Gibson, Victoria; Walker, Elizabeth (AIR); Livingston, Sylvia; Sheplak, Scott; Holtom, Jonathan
Subject: JEA - NORTHSIDE/SJRPP; 0310045-020-AV
Sent: 10/13/2008 4:18 PM

was read on 10/13/2008 7:23 PM.

RECEIVED

THE FLORIDA TIMES-UNION
Jacksonville, FL
Affidavit of Publication
BUREAU OF AIR REGULATION
Florida Times-Union

J.E.A./ENVIRONMENTAL
21 W CHURCH ST
JACKSONVILLE FL 32202

Reference: 1000250742
Ad Number: C12543478

State of Florida
County of Duval

Before the undersigned authority personally appeared Sharon Walker who on oath says he/she is a Legal Advertising Representative of The Florida Times-Union, a daily newspaper published in Duval County, Florida; that the attached copy of advertisement is a legal ad published in The Florida Times-Union. Affiant further says that The Florida Times-Union is a newspaper published in Duval County, Florida, and that the newspaper has heretofore been continuously published in Duval County, Florida each day, has been entered as second class mail matter at the post office in Jacksonville, in Duval County, Florida for a period of one year preceding the first publication of the attached copy of advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission, or reward for the purpose of securing this advertisement for publication in said newspaper.

PUBLISHED ON: 10/08/2008

FILED ON: 10/08/2008

Name: Sharon Walker Title: Legal Advertiser
In testimony whereof, I have hereunto set my hand aforesaid.

NOTARY:

Twilla Shipp

TWILLA SHIPP
MY COMMISSION # DDS16853
EXPIRES: May 13, 2010
1400 NOTARY FL Notary Discount Assoc. Co.

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERM

Florida Department of Environmental Protection
Division of Air Resource Management/Bureau of Air Regulation
Draft Permit No. 0310045-021AC
Draft Permit No. 0310045-020AV
JEA's Northside Generating Station and St. Johns River Power Plant
Separation Technologies LLC's Separation Technologies II
Duval County, Florida

Applicant: The applicant for this project is JEA. The applicant's responsible official is James M. Chanler, P.E., D.P.A., Chief Operating Officer, JEA, NGS/SJRP/STJ, Jacksonville, Florida 32202.

Facility Location: The applicant operates the existing NGS/SJRP/STJ which is located in Jacksonville, Florida.

Project: The applicant applied on July 3, 2008 to the Department for a Title V air operation permit No. 0310045-017AV and to revise AC permit No. 0310045-005AC. Concurrent processing of an air construction (AC) permit revision. The purpose of the operation permit No. 0310045-017AV and to revise AC permit No. 0310045-005AC is to allow the materials to be tested for Emission Unit No. 0229, which is located in Jacksonville, Florida.

Permitting Authority: Applications for air construction permits are subject to the provisions of Chapter 62-462, Florida Statutes (F.S.), and Chapters 62-462.001 and 62-462.002, F.A.C. The proposed project is exempt from air construction permit requirements a determination for this project is not required. The Permitting Authority's determination for this project is not required.

Project File: A complete project file is available to the public upon request at the address in Section 1.0 of the draft permit. The complete project file includes the draft permit, the draft permit application submitted by the applicant, exclusive of confidential records and personal information, and the draft permit. The draft permit is available at <http://www.dep.state.fl.us/air/permits/aps/default.asp> and entering the permit person's name. The Permitting Authority's office review and record room address and phone number is listed above.

Notice of Intent to Issue Air Permits: The Permitting Authority gives notice of its intent to issue a Title V air operation permit for the project described above. The applicant has provided a public assistance plan to address any adverse impacts on quality and that the project will comply with the applicable provisions of Chapters 62-462.001, 62-462.002, 62-462.003, and 62-462.004, F.S. Final permit conditions will be published in the Florida Administrative Weekly. The Permitting Authority's physical address is: 2600 Blair Florida 32297-4002. The Permitting Authority's telephone number is 352-498-0142.

The Permitting Authority gives notice of its intent to issue a Title V air operation permit for the project described above. The applicant has provided a public assistance plan to address any adverse impacts on quality and that the project will comply with the applicable provisions of Chapters 62-462.001, 62-462.002, 62-462.003, and 62-462.004, F.S. Final permit conditions will be published in the Florida Administrative Weekly. The Permitting Authority's physical address is: 2600 Blair Florida 32297-4002. The Permitting Authority's telephone number is 352-498-0142.

Comments: The Permitting Authority will accept written comments concerning permit revision for a period of 14 days from the date of publication of the draft permit. The Permitting Authority will accept written comments concerning permit revision for a period of 14 days from the date of publication of the draft permit. The Permitting Authority will accept written comments concerning permit revision for a period of 14 days from the date of publication of the draft permit. The Permitting Authority will accept written comments concerning permit revision for a period of 14 days from the date of publication of the draft permit.

Petitions: A person whose substantial interests are affected by the proposed permit shall have the right to petition the Department's Agency for Environmental and Environmental Protection at 3900 Commonwealth Boulevard, Florida 32292-3000. Petitions filed by any persons other than those entitled to file a petition under Section 120.60(2) F.S. shall, however, any person who takes any action may file a petition within 14 days of receipt of that notice. Petitions shall include a copy of the petition to the applicant at the address indicated above and the Department's petition within the appropriate time period and a request on administrative determination (hearing) under Sections 120.60 and 120.61 and participate as a party to it. Any subsequent intervention (in a hearing) will be only at the approval of the presiding officer upon the filing of a motion for a hearing.

A petition that disputes the material facts on which the Permitting Authority is following information: (a) The name and address of each agency affected and the number, if known; (b) The name, address and telephone number of the petitioner; (c) A statement of when and how the petitioner received notice of the agency's proposed action; (d) A statement of all disputed issues of material fact; if there are no disputed issues of material fact, the petitioner shall state that; (e) A statement of the petitioner's substantial interest in the project; and (f) A statement of the petitioner's wishes the agency to take with respect to the project.

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JUN 15 2008

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10/08/2008

10/08/2008

Title: Legal Advertis
ave hereunto set my hand

Handwritten signature

TWILLA SHIPP
MY COMMISSION # DDS16853
EXPIRES: May 13, 2010
107 MAY 21, Neary (Dishout Assoc. Co.)

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

Florida Department of Environmental Protection

Division of Air Resource Management, Bureau of Air Regulation

Draft Permit No. 0310045-011-AC

0310045-011-AC

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Applicant: The applicant for this project is JEA. The applicant's responsible official and mailing address are: Mr. [Name], Chief Operating Officer, JEA, NGS/SJRP/ST1, 21 West Church Street, Jacksonville, Florida 32202. Facility Location: The applicant operates the existing NGS/SJRP/ST1, which is located in Duval County at 4377 Heckshire Drive, Jacksonville, Florida.

Project: The applicant applied on July 1, 2008 to the Department for a Title V air operation permit renewal and for the concurrent process of a construction permit revision. The purpose of this project is to renew Title V air operation permit No. 0310045-011-AC and to revise AC permit No. 0310045-003-AC. The AC permit revision adds petroleum coke to the materials required to be tested for Emission Unit ID Nos. 029 & 031. Details of the project are provided in the application and the Statement of Basis. The existing facility consists of JEA's Northside Generating Station (NGS) and St. Johns River Power Park (SJRP) facilities and the Separation Technologies LLC's Separation Technologies, Inc. Sulfur Dioxide Processing System.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project.

Application for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-213 and 62-214 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and a Title V air operation permit is required to operate the facility. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 State Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850-469-0114.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the address indicated above for the Permitting Authority. The complete project file includes the Draft Permits, the Statement of Basis, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may visit the Project File on the Internet at the following URL: <http://www.dep.state.fl.us/air/products/ops/default.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Air Permits: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-210, 62-212, 62-213, 62-214, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

The Permitting Authority gives notice of its intent to issue a Title V air operation permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Proposed Permit and subsequent Final Permit in accordance with the conditions of the Draft Permit unless a response received in accordance with the following procedures results in a different decision or a significant change of terms or conditions. Comments to the Permitting Authority will accept written comments concerning the proposed Draft air construction permit revision for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

The Permitting Authority will accept written comments concerning the Draft Title V Permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.) on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly (FAW). If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the Draft Permit, the Permitting Authority shall issue a Revised Draft Permit and require, if applicable, another Public Notice. Subsequent action on the Title V and Title IV parts of the permit may be split if comments are received on the Title V portion of the Draft Permit. All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mall Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.569(3), F.S. must be filed within 14 days of publication of the Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to administrative determination (hearing) under Sections 120.569 and 120.57, F.S. or to be heard in the proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only of the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's title or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permits. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding. Objections: Public objections to the Draft Permits (U.S.C. Section 766(b)(7)) may be filed with the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 766(d)(1) to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the Permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit or other action of the Administrator of the EPA. Objections to the Draft Permits (42 U.S.C. Section 766(d)(2)) must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm>.