



Florida Department of Environmental Protection

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

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested

chanjm@jea.com

Mr. James Chansler, P.E.
Chief Operations Officer
JEA
21 West Church Street
Jacksonville, FL 32202

Re: Exemption from the Requirement to Obtain an Air Construction Permit
JEA Northside Generating Station Units 1 and 2
Project No. 0310045-032-AC
Wood Chips Project

Dear Mr. Chansler:

On October 6, 2011, JEA submitted an application for a permit exemption to allow a minimal amount of biomass, in the form of wood chips and similar plant materials, to supplement the fuel used in the two circulating fluidized bed (CFB) boilers (Units 1 and 2) located at Northside Generating Station, 11201 New Berlin Road, Jacksonville 32226.

The proposal is to burn up to approximately 66.6 tons per day (TPD) of the described biomass in the two coal and petroleum coke (petcoke) fueled CFB boilers.

Determination: A complete description of this project by the applicant's consultant is given in the application available at: <http://arm-permit2k.dep.state.fl.us/psd/0310045/0000642F.pdf>.

Earlier in the year, on April 11, 2011, the department had provided an exemption for using approximately 12 TPD biomass in these units. Monitoring of emissions for SO₂, NO_x and CO is done frequently via continuous emissions monitoring systems (CEMS). Based on the CEMS data collected it was determined that emissions did not change more than the historic variability of emission rates for these pollutants when up to 12 TPD of biomass was co-fired with the other boiler fuels. The professional engineer who reviewed this project for JEA concluded that, at the 66.6 TPD biomass blending level, emissions of NO_x and VOCs will not increase above the 5 ton/yr threshold criteria in Rule 62-210.300(3)(b), Florida Administrative Code (F.A.C.) for existing sources.

Basically, the wood chips will be derived from vegetative matter such as tree trimmings and will comprise up to 0.14 percent (%) of the maximum heat input to the CFB boilers, or approximately 8 million Btu per hour (MMBtu/hr).

The CFB boilers were originally built to combust coal, petcoke and blends of the two fuels. Compared with coal, petcoke is characterized by greater sulfur content, heating value and hardness, as well as lower moisture and volatile fractions. The biomass will contain even less sulfur and greater moisture and volatile fraction than coal.

The CFB units are fully equipped with air pollution control systems consisting of: limestone and lime injection coupled with a fabric filter baghouse to control acid gases and PM; and, an ammonia-based selective non-catalytic reduction (SNCR) system to control NO_x emissions. The Department had recently evaluated the operation of the CFB units, the control equipment and emissions in relation with other projects at the facility.

The biomass will marginally shift the coal/petcoke blends in the direction of coal characteristics. The Department believes that any changes in emissions would be miniscule by comparison with the effects of small and allowable day-to-day variations in the coal and petcoke and blend ratios.

Pursuant to Rule 62.4.040(1)(b), F.A.C., and for the reasons stated above, the Office of Permitting and Compliance determines that the activity will not emit air pollutants "... in sufficient quantity, with respect to its

EXEMPTION FROM AIR CONSTRUCTION PERMITTING

character, quality or content, and the circumstances surrounding its location, use and operation, as to contribute significantly to the pollution problems within the State, so that the regulation thereof is not reasonably justified.” Therefore, the project is exempt from the requirement to obtain an air construction permit. This activity will be incorporated into the next facility Title V operation permitting action, upon request.

This determination may be revoked if the proposed activity is substantially modified or the basis for the exemption is determined to be materially incorrect. A copy of this letter shall be maintained at the site of the proposed activity. This permitting decision is made pursuant to Chapter 403, Florida Statutes.

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, F.A.C. The Permitting Authority responsible for making a permit determination for this project is the Office of Permitting and Compliance in the Department of Environmental Protection’s Division of Air Resource Management. The Permitting Authority’s physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida 32301. The Permitting Authority’s mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority’s telephone number is 850/717-9000.

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 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 must be filed within 21 days of receipt of this exemption from air permitting requirements. 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 action. 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.

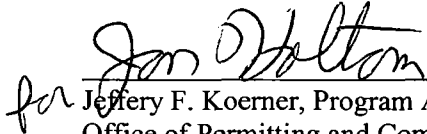
Mediation: Mediation is not available in this proceeding.

EXEMPTION FROM AIR CONSTRUCTION PERMITTING

Effective Date: This permitting decision is final and effective on the date filed with the clerk of the Permitting Authority unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this action will not be effective until further order of the Permitting Authority.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., 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.


for _____
Jeffery F. Koerner, Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

10/10/11
Date

JFK/jh/mc

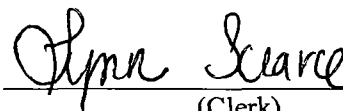
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Exemption from Air Construction Permitting was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on 10-10-11 to the persons listed below.

- James Chansler, JEA: chanjm@jea.com
- Bert Gianazza, JEA: giannb@jea.com
- Ken Kosky, P.E., Golder Associates: ken_kosky@golder.com
- Christopher Kirts, DEP NED Office: christopher.kirts@dep.state.fl.us
- Richard Robinson, Jacksonville EQD: robinson@coj.net
- Lynn Searce, DEP OPC: lynn.searce@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) October 10, 2011
_____ (Date)

Scearce, Lynn

From: Scearce, Lynn
Sent: Monday, October 10, 2011 4:13 PM
To: 'chanjm@jea.com'
Cc: 'GianNB@jea.com'; 'ken_kosky@golder.com'; 'christopher.kirts@dep.state.fl.us'; 'robinson@coj.net'; Costello, Martin; Holtom, Jonathan; Friday, Barbara; Scearce, Lynn
Subject: 0310045-032-AC, JEA Northside Generating Station, Notice of Exemption
Attachments: 0310045-032-AC, JEA Northside Generating Station, signature page.pdf

Tracking:	Recipient	Read
	'chanjm@jea.com'	
	'GianNB@jea.com'	
	'ken_kosky@golder.com'	
	'christopher.kirts@dep.state.fl.us'	
	'robinson@coj.net'	
	Costello, Martin	
	Holtom, Jonathan	
	Friday, Barbara	
	Scearce, Lynn	Read: 10/10/2011 4:14 PM

Dear Mr. Chansler:

Attached is the official **Notice of Exemption** 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".

Note: 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).

Owner/Company Name: JEA
Facility Name: NORTHSIDE/SJRPP
Project Number: 0310045-032-AC
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: DUVAL

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0310045.032.AC.F_pdf.zip

The Office of Permitting and Compliance 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/emission/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, Office of Permitting and Compliance.

Note: The attached document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

Regards,

Lynn Scarce

Office of Permitting and Compliance (OPC)

Division of Air Resources Management

850-717-9025

Scearce, Lynn

From: Gianazza, N. Bert [GianNB@jea.com]
Sent: Monday, October 10, 2011 4:47 PM
To: Scéarce, Lynn
Subject: RE: 0310045-032-AC, JEA Northside Generating Station, Notice of Exemption

Lynn,

My R.O. and I have received this email and can view the documents.

Thanks, Bert

From: Scearce, Lynn [mailto:Lynn.Scearce@dep.state.fl.us]
Sent: Monday, October 10, 2011 4:13 PM
To: Chansler, James M. - Chief Operating Officer
Cc: Gianazza, N. Bert; ken_kosky@golder.com; Kirts, Christopher; robinson@coj.net; Costello, Martin; Holtom, Jonathan; Friday, Barbara; Scearce, Lynn
Subject: 0310045-032-AC, JEA Northside Generating Station, Notice of Exemption

Dear Mr. Chansler:

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Project Number: 0310045-032-AC
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Regards,

Lynn Searce

Office of Permitting and Compliance (OPC)

Division of Air Resources Management

850-717-9025

Please take a few minutes to share your comments on the service you received from the department by clicking on this link [DEP Customer 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.

Scearce, Lynn

From: Kosky, Ken [Ken_Kosky@golder.com]
To: Scearce, Lynn
Sent: Monday, October 10, 2011 4:18 PM
Subject: Read: 0310045-032-AC, JEA Northside Generating Station, Notice of Exemption

Your message was read on Monday, October 10, 2011 4:18:01 PM (GMT-05:00) Eastern Time (US & Canada).

Scearce, Lynn

From: Robinson, Richard [ROBINSON@coj.net]
Sent: Tuesday, October 11, 2011 8:46 AM
To: Scearce, Lynn
Subject: RE: 0310045-032-AC, JEA Northside Generating Station, Notice of Exemption

Hi Lynn,

I was able to access the subject documents through the e-mail link below.

Thanks,

Richard


Richard L. Robinson, P.E.

Environmental Engineering Manager
Environmental Quality Division
City of Jacksonville, Florida
214 North Hogan Street, 7th Floor
Jacksonville, FL 32202
Phone: (904) 255-7201
Fax: (904) 588-0518
E-Mail: robinson@coj.net

On October 17, 2011, our new mailing address will be 214 North Hogan Street, 7th Floor, Jacksonville, FL 32202

Subscribe to EnviroFlash now to have Jacksonville air quality information delivered straight to your inbox: <http://jacksonville.enviroflash.info>. EnviroFlash not only gives subscribers daily information about air quality, but it also lets you know how to change your outdoor activities to protect your health. Air quality affects everyone, but it's especially important for people with respiratory illnesses like asthma, those with heart conditions, older adults and families with young children.

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.

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Sent: Monday, October 10, 2011 4:13 PM
To: chanjm@jea.com
Cc: GianNB@jea.com; ken_kosky@golder.com; Kirts, Christopher; Robinson, Richard; Costello, Martin; Holtom, Jonathan; Friday, Barbara; Scearce, Lynn
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Regards,
Lynn Scearce
Office of Permitting and Compliance (OPC)
Division of Air Resources Management
850-717-9025

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