

# 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

## NOTICE OF PERMIT REVISION

In the Matter of an  
Application for Permit by:

Gainesville Regional Utilities  
P.O. Box 147117 (A136)  
Gainesville, FL 32614-7117

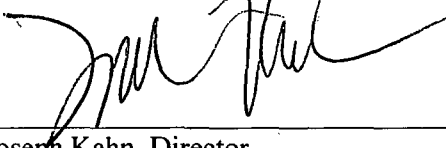
Air Permit No. 0010006-009-AC  
Deerhaven Generating Station  
Superheater Replacement Revision  
Alachua County, Florida

Authorized Representative  
Mr. Daniel Moffett, Plant Manager

Gainesville Regional Utilities operates the Deerhaven Generating Station, an existing coal-fired power plant that is categorized under Standard Industrial Classification Code No. 4911. The existing facility is located in Alachua County at 10001 NW 13<sup>th</sup> Street in Gainesville, Florida. This project revises original Air Permit No. 0010006-005-AC, which authorized installation of an air quality control system on Unit 2. This permit revision authorizes replacement of the superheater on existing Unit 2. A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permit modification 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

  
\_\_\_\_\_  
Joseph Kahn, Director  
Division of Air Resource Management

3/19/09  
\_\_\_\_\_  
(Date)

TLV/jfk

**FINAL PERMIT REVISION**

---

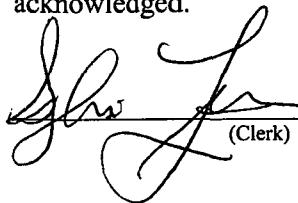
**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that either this Notice of Final Air Permit Revision (including the Final Air Permit Revision 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 3/19/09 to the persons listed below.

- Mr. Daniel Moffett, Plant Manager, GRU ([moffettdw@gru.com](mailto:moffettdw@gru.com))
- Mr. Robert Klemans, GRU ([klemansrw@gru.com](mailto:klemansrw@gru.com))
- Mr. Tom Davis, ECT ([tdavis@ectinc.com](mailto:tdavis@ectinc.com))
- Mr. Chris Kirts, NED ([christopher.kirts@dep.state.fl.us](mailto:christopher.kirts@dep.state.fl.us))
- Mr. Mike Halpin, DEP Siting Office ([mike.halpin@dep.state.fl.us](mailto:mike.halpin@dep.state.fl.us))
- Ms. Kathleen Forney, EPA Region 4 ([forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov))
- Ms. Heather Abrams, EPA Region 4 ([abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov))
- Ms. Vickie Gibson, DEP BAR Reading File ([victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us))

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)

3/19/09  
(Date)

## FINAL PERMIT REVISION

---

**This permit action revises original Permit No. 0010006-005-AC.**

The following permit conditions are revised as follows. Deleted text is marked by ~~striketrough~~ and new text is marked with double underline. All other conditions are unchanged and the affected emissions units remain subject to the applicable requirements.

*Under the "Project Description" in Section 1, the 3<sup>rd</sup> paragraph is revised as follows:*

"The Unit 2 steam turbine may be refurbished by replacing the high- and intermediate- pressure rotor along with the associated stationary elements. In addition, the superheater may be replaced with like-kind components having approximately the same surface area and shape as the original equipment. Unit 2 is currently fired with low sulfur eastern bituminous coal. Following installation and operation of the new controls, Unit 2 will be capable of firing a variety of eastern bituminous coal blend, including medium sulfur coal (up to 2.5 weight percent sulfur), and still comply with the New Source Performance Standards in 40 CFR 60, Subpart D. There will be no changes to the existing electrical generator (i.e., no expansion in steam generating capability) and no increase in maximum heat input to the boiler or steam flow capability of the turbine."

*Under Section 3, Specific Condition No. 1 is revised as follows:*

"Permit Determination: This permit authorizes a steam turbine upgrade, replacement of the superheater and the installation of SCR, CDS and baghouse systems for Unit 2. Unless otherwise specified, these conditions are in addition to all existing applicable permit conditions and regulatory requirements specified in the current Title V Operation Permit (No. 0010006-003-AV). [Rule 62-4.070(3), F.A.C.]

## FINAL DETERMINATION

---

### PERMITTEE

Gainesville Regional Utilities  
P.O. Box 147117 (A136)  
Gainesville, FL 32614-7117

### PERMITTING AUTHORITY

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

### PROJECT

Air Permit No. 0010006-009-AC  
Deerhaven Generating Station  
Superheater Replacement Revision

Gainesville Regional Utilities operates the Deerhaven Generating Station, which is an existing coal-fired power plant located in Alachua County at 10001 NW 13<sup>th</sup> Street in Gainesville, Florida. This project revises original Air Permit No. 0010006-005-AC, which authorized installation of an air quality control system on Unit 2. This permit revision authorizes replacement of the superheater on existing Unit 2.

### NOTICE AND PUBLICATION

The Department distributed a draft minor air construction permit package on February 26, 2009. The applicant published the Public Notice in the Gainesville Sun on March 1, 2009. The Department received the proof of publication by electronic mail on March 5, 2009. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

### COMMENTS

No comments on the Draft Permit were received from the public, the Department's Northeast District Office, the EPA Region 4 Office or the applicant.

### CONCLUSION

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

Florida Department of  
Environmental Protection

Memorandum

---

To: Joe Kahn, Division of Air Resource Management  
Through: Trina Vielhauer, Bureau of Air Regulation  
From: Jeff Koerner, New Source Review Section  
Date: March 17, 2009  
Subject: Project No. 0010006-009-AC  
Final Revision of Air Permit No. 0010006-005-AC  
Gainesville Regional Utilities, Deerhaven Generating Station  
Superheater Replacement Revision

Attached for your review is the final revision to Air Permit No. 0010006-005-AC for the Deerhaven Generating Station, which is an existing coal-fired power plant located in Alachua County at 10001 NW 13<sup>th</sup> Street in Gainesville, Florida. The final permit revision authorizes a like-kind replacement of the superheater during the scheduled March 2009 outage, which is part of the original project to install a new air quality control system. The project is not subject to PSD preconstruction review. The attached Final Determination summarizes the publication and comment process. There are no pending petitions for administrative hearings or extensions of time in which to file a petition for an administrative hearing. I recommend your approval of the attached final permit for this project.

Attachments

TLV/jfk

## Livingston, Sylvia

---

**From:** Livingston, Sylvia  
**Sent:** Thursday, March 19, 2009 2:07 PM  
**To:** 'moffettdw@gru.com'  
**Cc:** 'klemansrw@gru.com'; 'tdavis@ectinc.com'; Kirts, Christopher; Halpin, Mike; 'forney.kathleen@epa.gov'; 'abrams.heather@epamail.epa.gov'; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR)  
**Subject:** Gainesville Regional Utilities - DEERHAVEN GENERATING STATION; 0010006-009-AC  
**Attachments:** 0010006-009-AC\_Signatures.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".

*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).*

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

[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0010006.009.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0010006.009.AC.F_pdf.zip)

**Owner/Company Name:** CITY OF GAINESVILLE, GRU

**Facility Name:** DEERHAVEN GENERATING STATION

**Project Number:** 0010006-009-AC

**Permit Status:** FINAL

**Permit Activity:** CONSTRUCTION

**Facility County:** ALACHUA

**Processor:** Jeff Koerner

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.

Sylvia Livingston  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
850/921-9506  
[sylvia.livingston@dep.state.fl.us](mailto:sylvia.livingston@dep.state.fl.us)

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>.

## Livingston, Sylvia

---

**From:** Klemans, Robert W [KLEMANSRW@gru.com]  
**Sent:** Thursday, March 19, 2009 2:24 PM  
**To:** Livingston, Sylvia  
**Subject:** RE: Gainesville Regional Utilities - DEERHAVEN GENERATING STATION; 0010006-009-AC

Everything looks great.  
Thanks!  
Rob

**Robert W. Klemans, PE**  
Supervising Utility Engineer  
Gainesville Regional Utilities  
P.O. Box 147114, Station A136  
Gainesville, Florida 32614-7117  
work - 352-393-1283  
fax - 352-334-3151  
cell - 352-317-0684

---

**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Thursday, March 19, 2009 2:07 PM  
**To:** Moffett, Daniel W  
**Cc:** Klemans, Robert W; tdavis@ectinc.com; Kirts, Christopher; Halpin, Mike; forney.kathleen@epa.gov; abrams.heather@epamail.epa.gov; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR)  
**Subject:** Gainesville Regional Utilities - DEERHAVEN GENERATING STATION; 0010006-009-AC

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".

*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).*

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

[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0010006.009.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0010006.009.AC.F_pdf.zip)

**Owner/Company Name:** CITY OF GAINESVILLE, GRU  
**Facility Name:** DEERHAVEN GENERATING STATION  
**Project Number:** 0010006-009-AC  
**Permit Status:** FINAL  
**Permit Activity:** CONSTRUCTION  
**Facility County:** ALACHUA  
**Processor:** Jeff Koerner

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

## Livingston, Sylvia

---

**From:** Tom Davis [tdavis@ectinc.com]  
**Sent:** Thursday, March 19, 2009 2:33 PM  
**To:** Livingston, Sylvia  
**Subject:** RE: Gainesville Regional Utilities - DEERHAVEN GENERATING STATION; 0010006-009-AC

Sylvia,

I have received and can view the documents provided.

Thanks.

---

**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Thursday, March 19, 2009 2:07 PM  
**To:** moffettdw@gru.com  
**Cc:** klemansrw@gru.com; tdavis@ectinc.com; Kirts, Christopher; Halpin, Mike; forney.kathleen@epa.gov; abrams.heather@epamail.epa.gov; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth \ (AIR\  
**Subject:** Gainesville Regional Utilities - DEERHAVEN GENERATING STATION; 0010006-009-AC

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".

*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).*

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

[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0010006.009.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0010006.009.AC.F_pdf.zip)

**Owner/Company Name:** CITY OF GAINESVILLE, GRU  
**Facility Name:** DEERHAVEN GENERATING STATION  
**Project Number:** 0010006-009-AC  
**Permit Status:** FINAL  
**Permit Activity:** CONSTRUCTION  
**Facility County:** ALACHUA  
**Processor:** Jeff Koerner

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.

Sylvia Livingston  
Bureau of Air Regulation



## Livingston, Sylvia

---

**From:** Koerner, Jeff  
**Sent:** Thursday, March 19, 2009 3:00 PM  
**To:** Livingston, Sylvia  
**Subject:** FW: GRU AC revision

Not sure if Rob e-mailed you also ...

Thanks!

Jeff

---

**From:** Klemans, Robert W [mailto:KLEMANSRW@gru.com]  
**Sent:** Thursday, March 19, 2009 2:29 PM  
**To:** Koerner, Jeff; Vielhauer, Trina  
**Subject:** GRU AC revision

Trina and Jeff,  
I just received the final permit revision. I wanted to thank you very much for turning this around so quickly.  
Sincerely,  
Rob

**Robert W. Klemans, PE**  
Supervising Utility Engineer  
Gainesville Regional Utilities  
P.O. Box 147114, Station A136  
Gainesville, Florida 32614-7117  
work - 352-393-1283  
fax - 352-334-3151  
cell - 352-317-0684