



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blairstone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor
Jeff Kottkamp
Lt. Governor
Michael W. Sole
Secretary

June 22, 2010

Sent by Electronic mail – Received Receipt Requested

stantonjw@gru.com

Mr. John W. Stanton, Assistant General Manager of Energy Supply
City of Gainesville, Gainesville Regional Utilities (GRU)
Post Office Box 147117 (A132)
Gainesville, Florida 32614-7117

Re: Project No. 0010006-012-AC
Deerhaven Generating Station (DGS)
NO_x and SO₂ Emissions Caps for Unit 2

Dear Mr. Stanton:

On June 18, 2010, we received your application requesting emissions caps for nitrogen oxides (NO_x) and sulfur dioxide (SO₂) from existing Unit 2 at the GRU DGS, which is located in Alachua County at 10001 NW 13th Street in Gainesville, Florida. Enclosed are the following documents: the Written Notice of Intent to Issue Air Permit; the Public Notice of Intent to Issue Air Permit; the Technical Evaluation and Preliminary Determination; and the Draft Permit. The Public Notice of Intent to Issue Air Permit 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. If you have any questions, please contact Alvaro A. Linero at 850-921-9523.

Sincerely,

A handwritten signature in black ink, appearing to read "Trina Vielhauer".

Trina Vielhauer, Chief
Bureau of Air Regulation

Enclosures

TLV/aal

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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

City of Gainesville, Gainesville Regional Utilities (GRU)
Post Office Box 147117 (A132)
Gainesville, Florida 32614-7117
Authorized Representative: Mr. John W. Stanton
Assistant General Manager Energy Supply

Project No. 0010006-012-AC
Minor Air Construction Permit
Deerhaven Generating Station (DGS)
NO_x and SO₂ Emissions Caps for Unit 2
Alachua County, Florida

Facility Location: GRU operates the existing DGS, which is located in Alachua County at 10001 NW 13th Street in Gainesville, Florida.

Project: On June 18, 2010 the applicant submitted an application requesting emissions caps on existing Unit 2. The requested emissions caps ensure that there will be no net increase in NO_x and SO₂ emissions when also considering future increases from the proposed collocated project for the Gainesville Renewable Energy Center. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

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. 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 address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. 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 Permit: The Permitting Authority gives notice of its intent to issue an air 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 unless public comment received in accordance with this notice 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 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.

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit 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 the 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.

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 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 state; (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.

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

Mediation: Mediation is not available in this proceeding.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

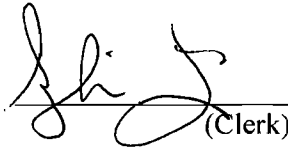
The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Written Notice of Intent to Issue Air Permit, the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the Draft Permit with Appendices) 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

6/21/10 to the persons listed below.

- John W. Stanton, GRU: stantonjw@gru.com
- Melissa Jones, GRU: jonesmc@gru.com
- Robert W. Klemans, GRU: klemansrw@gru.com
- Christopher Kirts, DEP NE District: christopher.kirts@dep.state.fl.us
- Mike Halpin, DEP Siting Office: mike.halpin@dep.state.fl.us
- Kathleen Forney, EPA Region 4: forney.kathleen@epa.gov
- Heather Abrams, EPA Region 4: abrams.heather@epa.gov
- Vickie Gibson, DEP BAR Reading File: 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)

6/21/10
(Date)

P.E. CERTIFICATION STATEMENT

PERMITTEE

City of Gainesville
Gainesville Regional Utilities (GRU)
Post Office Box 147117 (A132)
Gainesville, Florida 32614-7117

Air Permit No. 0010006-012-AC
Deerhaven Generating Station
NO_x and SO₂ Emissions Cap for Unit 2
Alachua County, Florida

PROJECT DESCRIPTION

GRU operates an existing electrical generating plant at the Deerhaven Generating Station, which located in Alachua County at 10001 NW 13th Street in Gainesville, Florida. Existing Unit 2 is a 251 megawatts (MW, nominal) electric utility steam generating unit that fires primarily coal. The plant recently installed a selective catalytic reduction (SCR) system to control nitrogen oxides (NO_x) emissions and a circulating dry scrubber (CDS) with baghouse to control sulfur dioxide (SO₂) emissions. This current project establishes emissions caps to ensure that there will be no net increases in NO_x or SO₂ emissions when considering increases from the proposed collocated project for the Gainesville Renewable Energy Center (ARMS ID No. 0010131).

This project is subject to the general preconstruction review requirements in Rule 62-212.300, Florida Administrative Code (F.A.C.) and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. The Department's full review of the project and rationale for issuing the draft permit is provided in the Technical Evaluation and Preliminary Determination.

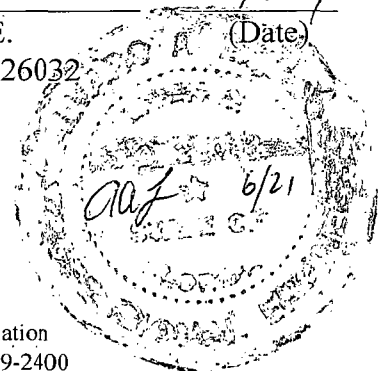
I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters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

 6/21/2010

Alvaro A. Linero, P.E.

Registration Number 26032

(Date)





**TECHNICAL EVALUATION
&
PRELIMINARY DETERMINATION**

APPLICANT

City of Gainesville, Gainesville Regional Utilities (GRU)
Post Office Box 147117 (A132)
Gainesville, Florida 32614-7117

Deerhaven Generating Station
Facility ID No. 0010006
10001 NW 13th Street
Gainesville, Florida

PROJECT

Project No. 0010006-012-AC
Application for Minor Source Air Construction Permit
NO_x and SO₂ Emission Caps for Unit 2

COUNTY

Alachua County, Florida

PERMITTING AUTHORITY

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

June 22, 2010

1. GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

Facility Description and Location

GRU operates an existing electrical generating plant at the Deerhaven Generating Station (DGS) at 10001 NW 13th Street (U.S. 441) in Gainesville, Florida. The location is shown in Figure 1. Figure 2 is a picture of natural gas and oil-fueled Unit 1 in the background and coal-fueled Unit 2 shown in the foreground.

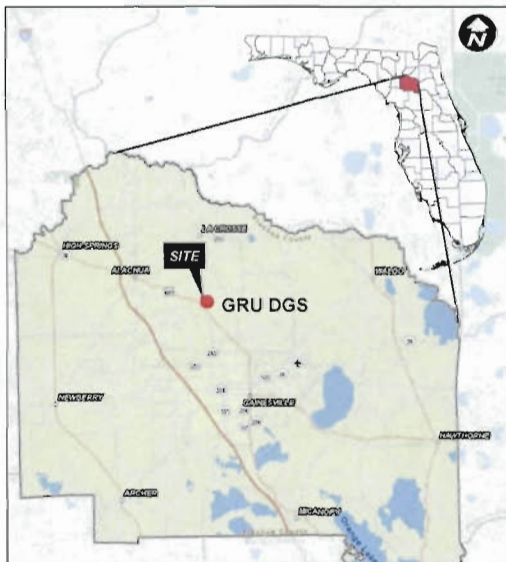


Figure 1. GRU DGS, Gainesville, FL **Figure 2. GRU Units 1 and 2 in Background, Foreground**

The UTM coordinates are Zone 17, 365.7 km East and 3292.6 km North. This site is in an area that is in attainment (or designated as unclassifiable) for all air pollutants subject to state and federal Ambient Air Quality Standards (AAQS).in Gainesville, Alachua County.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

The present facility includes the following equipment:

- A 75 megawatt (MW, nominal) electric utility steam generating unit (Unit 1) fired with gas and oil;
- A 251 MW (nominal) electric utility steam generating unit (Unit 2) fired primarily with coal;
- A 74 MW (nominal) simple cycle combustion turbine (CT No. 3) firing gas or oil;
- A recirculating cooling water system;
- Storage and handling facilities for coal, brine salt, fly ash, bottom ash and fuel oil;
- Water treatment facilities;
- A railcar maintenance facility;
- Two small simple cycle combustion turbines (CT Nos. 1 and 2); and
- Ancillary support equipment.

Facility Regulatory Categories

- The facility is a major source of hazardous air pollutants (HAP).
- The facility operates units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.
- Units 1 and 2 are subject to the Clean Air Interstate Rule (CAIR).
- The existing facility holds a power plant site certification pursuant to Chapter 62-17, F.A.C.

Project Description

On June 18, 2010, the applicant submitted a complete application requesting emission caps on Unit 2 consisting of 3,381 tons per (calendar) year (TPY) of Nitrogen Oxides (NO_x) and 8,005 TPY of Sulfur Dioxide (SO₂). No physical changes are required to meet the proposed emission caps. Compliance with the emission caps will be demonstrated with data collected by the existing continuous emissions monitoring systems (CEMS) for all periods of operation including startup, shutdown and malfunction.

2. PSD APPLICABILITY

General PSD Applicability

For areas currently in attainment with the state and federal AAQS or areas otherwise designated as unclassifiable, the Department regulates major stationary sources of air pollution in accordance with Florida's PSD preconstruction review program as defined in Rule 62-212.400, F.A.C. Under preconstruction review, the Department first must determine if a project is subject to the PSD requirements ("PSD applicability review") and, if so, must conduct a PSD preconstruction review. A PSD applicability review is required for projects at new and existing major stationary sources. In addition, proposed projects at existing minor sources are subject to a PSD applicability review to determine whether potential emissions *from the proposed project itself* will exceed the PSD major stationary source thresholds. A facility is considered a major stationary source with respect to PSD if it emits or has the potential to emit:

- 5 tons per year or more of lead;
- 250 tons per year or more of any regulated air pollutant; or
- 100 tons per year or more of any regulated air pollutant and the facility belongs to one of the following

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

28 PSD-major facility categories: fossil fuel-fired steam electric plants of more than 250 million British thermal units per hour heat input, coal cleaning plants (with thermal dryers), Kraft pulp mills, portland cement plants, primary zinc smelters, iron and steel mill plants, primary aluminum ore reduction plants, primary copper smelters, municipal incinerators capable of charging more than 250 tons of refuse per day, hydrofluoric, sulfuric, and nitric acid plants, petroleum refineries, lime plants, phosphate rock processing plants, coke oven batteries, sulfur recovery plants, carbon black plants (furnace process), primary lead smelters, fuel conversion plants, sintering plants, secondary metal production plants, chemical process plants, fossil fuel boilers (or combinations thereof) totaling more than 250 million British thermal units per hour heat input, petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels, taconite ore processing plants, glass fiber processing plants and charcoal production plants.

Once it is determined that a project is subject to PSD preconstruction review, the project emissions are compared to the “significant emission rates” (SER) defined in Rule 62-210.200, F.A.C. for the following pollutants: carbon monoxide (CO); nitrogen oxides (NO_x); sulfur dioxide (SO₂); particulate matter (PM); particulate matter with a mean particle diameter of 10 microns or less (PM₁₀); volatile organic compounds (VOC); lead (Pb); fluorides (F); sulfuric acid mist (SAM); hydrogen sulfide (H₂S); total reduced sulfur (TRS), including H₂S; reduced sulfur compounds, including H₂S; and mercury (Hg). In addition, significant emissions rate also means any emissions rate or any net emissions increase associated with a major stationary source or major modification which would construct within 10 kilometers of a Class I area and have an impact on such area equal to or greater than 1 µg/m³, 24-hour average.

If the potential emission exceeds the defined significant emissions rate of a PSD pollutant, the project is considered “significant” for the pollutant and the applicant must employ the Best Available Control Technology (BACT) to minimize the emissions and evaluate the air quality impacts. Although a facility or project may be *major* with respect to PSD for only one regulated pollutant, it may be required to install BACT controls for several “significant” regulated pollutants.

PSD Applicability for Project

As provided in the application, the following table summarizes potential emissions and PSD applicability for the project.

Table 1. Summary of the Applicant’s PSD Applicability Analysis

Pollutant	Annual Emissions, (TPY)					Subject to PSD?
	Present PTE ¹	Baseline Actual ²	Future Cap (PTE) ³	Change	SER	
SO ₂	12,762	8,176	8,005	-171	40	No
NO _x	4,892	3,799	3,381	-418	40	No

1. Potential to Emit (PTE) as calculated from existing permitted emission limits including Acid Rain Program.
 2. Baseline period is July 2006 to June 2008 for SO₂ and March 2006 to February 2008 for NO_x.
 3. Future caps are hard limits. Projected emissions would be much less due to recently installed CAIR controls.

As shown in the above table, the actual annual emissions will decrease and the project to set the caps is not subject to PSD preconstruction review.

3. DEPARTMENT REVIEW

In January 2006 GRU received approval from the Gainesville City Commission to retrofit Unit 2 with a new air pollution control system (APCS) as one means of complying with CAIR. In August 2007 GRU received a permit (DEP File 0010006-005-AC) from the Department to actually conduct the work.

The APCS consists of:

- A pre-existing electrostatic precipitator (ESP);

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

- Circulating dry scrubber flue gas desulfurization (FGD) system, including a baghouse; and
- A low-dust (post ESP) selective catalytic reduction (SCR) system.

Following is a process flow diagram of the AQCS and a photo of an early conceptual layout of the new equipment relative to the rest of Unit 2.

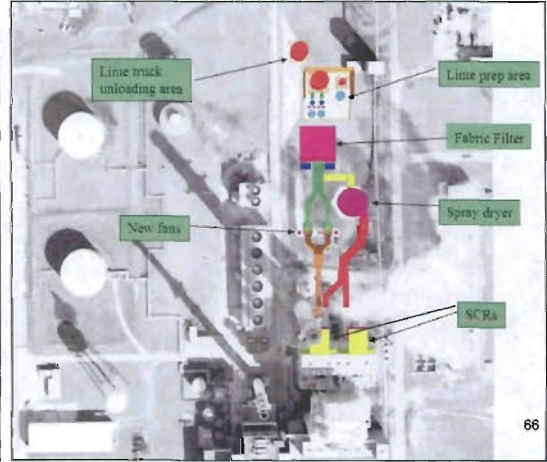
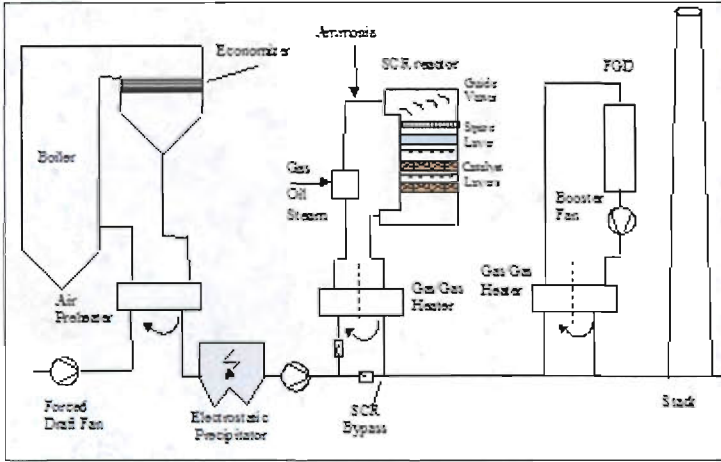


Figure 3. AQCS with Focus on Low Dust SCR System

Figure 4. Layout of AQCS on DGS Unit 2

The SCR and FGD systems began operation in the late spring and late summer of 2009 respectively. The monthly SO₂ and NO_x (tons per month) emissions since the middle of 2005 are shown in the graph below. Graphs of the rolling 24-month averages (rolled monthly) and expressed in TPY are also shown for each pollutant. Some of the extreme dips are related to outages and not the effect of the AQCS.

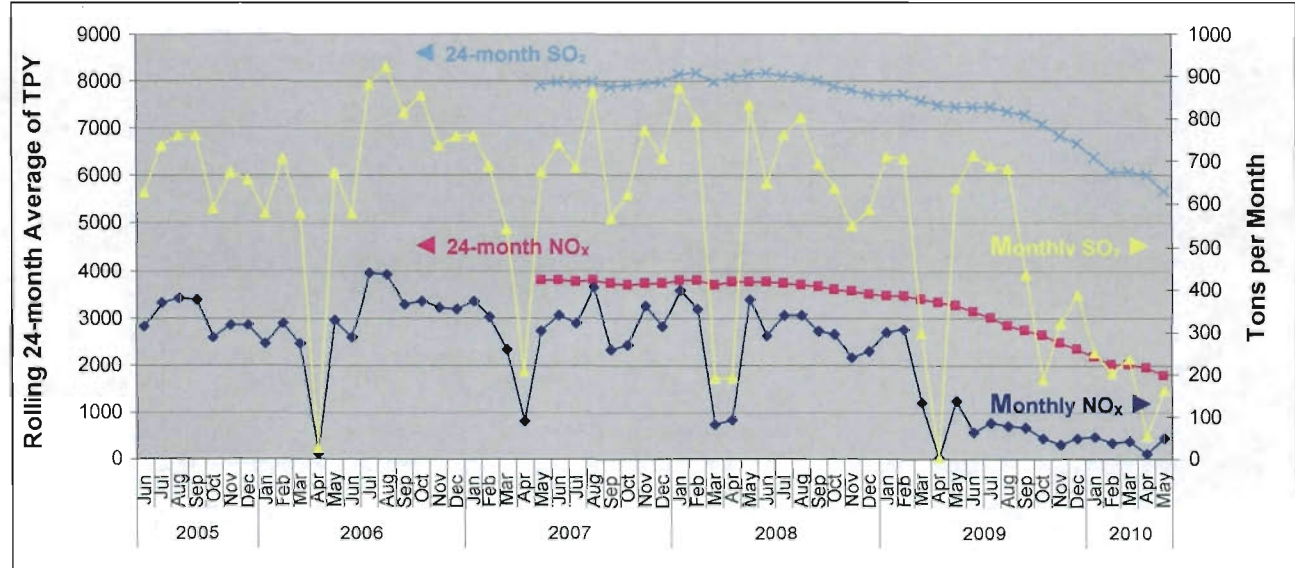


Figure 5. Monthly Emissions and 24-Month Rolling Average (expressed as TPY) of SO₂ and NO_x

Ignoring the largest dips due to outages, it is clear that monthly emissions of each pollutant have substantially declined since 2008. The rolling (time smoothed) downward trends are also clear and are consistent with the expectations of the new APCS. It is clear that there will be no difficulty encountered in complying with the requested caps and that in fact much lower emissions are expected by the time there are 24 months of time-average data expressed in TPY.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

In its original technical evaluation dated August 2007 for the APCS project (DEP File 0010006-005-AC) the Department estimated future emissions as indicated in Table 2. The values listed are for informational purposes only (expectations) and are not permit conditions. It will take several more years to confirm these expectations.

Table 2. Previously Estimated Emissions Reductions at DGS Unit 2 (2007 Department Analysis)

Pollutant	SO ₂	NO _x	PM ¹	PM ₁₀ ²	H ₂ SO ₄ ³	HF ⁴	Hg ⁵
Net Change	-7,138.5	-3,262.3	-165.6	-79.5	-33.8	-28.3	-0.028
1. Particulate Matter (PM) decreases due to fabric filtration. 2. PM less than 10 microns (PM ₁₀) in diameter decreases due to fabric filtration. 3. Sulfuric acid mist (H ₂ SO ₄) decreases due to FGD system and fabric filtration. 4. Hydrogen fluoride (HF) decreases due to FGD system and fabric filtration. 5. Mercury (Hg) decreases due to oxidation in SCR system and removal by FGD system and fabric filtration.							

The required reductions imposed by the requested caps will ensure when considering the AQCS project and a planned project at a leased portion of the site called the Gainesville Renewable Energy Center (GREC) that there will not be a net emissions increase of SO₂ or NO_x. The proposed project for a 100 MW woody biomass – fueled unit is under evaluation (DEP File No. 0010131-001-AC) by the Department.

The proposed increases from the GREC are 171 TPY of SO₂ and 418 TPY of NO_x. The SO₂ and NO_x emissions from the future GREC are equal to the permanent reductions required by the emission caps on DGS Unit 2, but are much less than the expected future reductions that will be achieved by the DGS Unit 2 AQCS. The proposed increases are also less than reductions already demonstrated by early operation of the AQCS on DGS Unit 2.

Confirmation of compliance with the caps will be accomplished by CEMS already in use for compliance with Title IV, Acid Rain, of the Clean Air Act. The CEMS data are reported quarterly on the EPA Clean Air Markets. The summaries have quarterly and annual results for approximately the past 15 years and are available under “quick reports” and “preliminary quick reports” such as shown in Table 3 for the GRU DGS Unit 2 at the following link:

<http://camddataandmaps.epa.gov/gdm/index.cfm?fuseaction=emissions.wizard>

Table 3. Unit Level Emissions Quick Report for GRU DGS Unit 2 (Source: EPA Air Markets)

State	Facility	Unit	Year	Hours	SO ₂ (TPY)	NO _x (lb/mmBtu)	NO _x (TPY)	CO ₂ (TPY)	Heat Input (mmBtu/yr)
FL	Deerhaven	B2	1995		5,881.0		3,587.0	1,435,404.0	13,840,752
FL	Deerhaven	B2	1996		6,869.8		3,576.0	1,530,718.0	14,921,868
FL	Deerhaven	B2	1997	7,790	6,883.1	0.49	3,890.6	1,598,517.8	15,583,562
FL	Deerhaven	B2	1998	7,773	7,614.9	0.48	3,751.0	1,575,278.6	15,357,351
FL	Deerhaven	B2	1999	6,604	5,197.5	0.48	2,863.8	1,155,323.0	11,268,557
FL	Deerhaven	B2	2000	7,912	7,915.1	0.48	3,976.1	1,660,987.8	16,209,451
FL	Deerhaven	B2	2001	7,582	7,871.4	0.46	3,704.4	1,643,435.5	16,022,463
FL	Deerhaven	B2	2002	7,044	7,147.4	0.45	3,315.9	1,451,223.6	14,157,614
FL	Deerhaven	B2	2003	7,349	7,678.8	0.48	3,666.3	1,536,331.2	14,976,624
FL	Deerhaven	B2	2004	6,477	6,951.7	0.49	3,322.8	1,364,713.4	13,331,383
FL	Deerhaven	B2	2005	8,441	8,042.9	0.49	3,932.5	1,604,372.4	15,642,246
FL	Deerhaven	B2	2006	7,531	8,119.3	0.47	3,817.5	1,611,311.6	15,710,352
FL	Deerhaven	B2	2007	7,281	7,837.1	0.46	3,624.8	1,572,039.8	15,338,413
FL	Deerhaven	B2	2008	7,591	7,574.1	0.44	3,362.8	1,506,604.6	14,693,558
FL	Deerhaven	B2	2009	7,505	5,781.9	0.18	1,301.3	1,494,607.6	14,576,952

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

The report already indicates some of the reductions in emissions due to the APCS project particularly in the category of NO_x where the reductions in terms of both TPY and pounds per million BTU of heat input (lb/mmBtu) are evident. The report also includes other useful information such as annual hours of operation, carbon dioxide (CO₂) emissions and annual heat input (mmBtu/yr).

4. 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 application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. No air quality modeling analysis is required because the project does not result in an increase in emissions. Alvaro Linero is the project engineer responsible for reviewing the application and drafting the permit. Additional details of this analysis may be obtained by contacting the project engineer at the Department's Bureau of Air Regulation at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT

Florida Department of Environmental Protection
Division of Air Resource Management, Bureau of Air Regulation
Gainesville Regional Utilities Deerhaven Generating Station
DEP File Project No. 0010006-012-AC
Alachua County, Florida

Applicant: The applicant for this project is Gainesville Regional Utilities (GRU). The applicant's authorized representative and mailing address is: Mr. John W. Stanton, Assistant General Manager, Energy Supply, Post Office Box 147117 (A132), Gainesville, Florida 32614-7117.

Facility Location: GRU operates the existing Deerhaven Generating Station (DGS), which is located in Alachua County at 10001 NW 13th Street in Gainesville, Florida.

Project: Existing Unit 2 is a 251 megawatt (nominal) electric utility steam generating unit that primarily fires coal. In 2009 GRU started up a new low-dust selective catalytic reduction (SCR) system located after an existing high temperature electrostatic precipitator (ESP) that is used to control particulate matter (PM). The purpose of the SCR system is to control nitrogen oxides (NO_x) emissions. In 2009 GRU also started up a new circulating dry scrubber flue gas desulfurization (FGD) system, including a baghouse. The FGD system and baghouse reduce emissions of at least sulfur dioxide (SO₂), sulfuric acid mist (SAM), hydrogen fluoride (HF), hydrogen chloride (HCl); mercury (Hg) and PM.

GRU recently submitted an application requesting emissions caps on existing Unit 2 for SO₂ and NO_x. The actual emissions of these pollutants are expected to be much lower than the requested emissions caps. However, the requested emissions caps ensure that there will be no net increase in NO_x and SO₂ emissions when also considering increases from the proposed collocated project for the Gainesville Renewable Energy Center. Compliance with the emissions caps will be demonstrated with data collected by the existing continuous emissions monitoring systems (CEMS) for all periods of operation including startup, shutdown and malfunction.

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 Permitting Authority responsible for making a permit determination for this project is the Bureau of Air Regulation 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. 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 physical address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application and information submitted by the applicant (exclusive of confidential records under Section 403.111, F.S.). Interested persons may contact the Permitting Authority's project engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site by entering draft permit number:
<http://www.dep.state.fl.us/air/emission/apds/default.asp>.

Notice of Intent to Issue Air Permit: 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 change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of this 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 the 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.

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 (Telephone: 850/245-2241). 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 this 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 agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (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.

(Public Notice to be Published in the Newspaper)

PERMITTEE

City of Gainesville, Gainesville Regional Utilities (GRU)
Post Office Box 147117 (A132)
Gainesville, Florida 32614-7117
Authorized Representative: Mr. John W. Stanton
Assistant General Manager Energy Supply

Air Permit No. 0010006-012-AC
Permit Expires: December 31, 2011
Minor Air Construction Permit
Deerhaven Generating Station
NO_x and SO₂ Emissions Caps for Unit 2

PROJECT

This is the final air construction permit, which establishes emissions caps for nitrogen oxides (NO_x) and sulfur dioxide (SO₂) from existing Unit 2. The proposed work will be conducted at the existing Deerhaven Generating Station, which is an electrical generating plant categorized under Standard Industrial Classification No. 4911. The existing facility is located in Alachua County at 10001 NW 13th Street in Gainesville, Florida. The UTM coordinates are Zone 17, 365.7 km East and 3292.6 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

STATEMENT OF BASIS

This air pollution construction permit 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 conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, 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

(Date)

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit with Appendices) 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 _____ to the persons listed below.

- John W. Stanton, GRU: stantonjw@gru.com
- Melissa Jones, GRU: jonesmc@gru.com
- Robert W. Klemans, GRU: klemansrw@gru.com
- Christopher Kirts, DEP NE District: christopher.kirts@dep.state.fl.us
- Mike Halpin, DEP Siting Office: mike.halpin@dep.state.fl.us
- Kathleen Forney, EPA Region 4: forney.kathleen@epa.gov
- Heather Abrams, EPA Region 4: abrams.heather@epa.gov
- Vickie Gibson, DEP BAR Reading File: Victoria.gibson@dep.state.fl.us

Clerk Stamp

FILED 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)

(Date)

SECTION 1. GENERAL INFORMATION

FACILITY DESCRIPTION

GRU operates an existing electrical generating plant at the Deerhaven Generating Station, which consists of the following equipment: a 75 megawatt (MW, nominal) electric utility steam generating unit (Unit 1) fired with gas and oil; a 251 MW (nominal) electric utility steam generating unit (Unit 2) fired primarily with coal; a 74 MW (nominal) simple cycle combustion turbine (CT No. 3) firing gas or oil; a recirculating cooling water system; storage and handling facilities for coal, brine salt, fly ash, bottom ash and fuel oil; water treatment facilities; a railcar maintenance facility; two unregulated simple cycle combustion turbines (CT Nos. 1 and 2); and ancillary support equipment.

PROPOSED PROJECT

Air Permit No. 0010006-005-AC issued in August 2007 authorized the installation of a selective catalytic reduction system (SCR), circulating dry scrubber and a baghouse on existing Unit 2 (Emissions Unit 005) at the Deerhaven Generating Station. Project No. 0010006-012-AC establishes new NO_x and SO₂ emissions caps based on the available controls and the baseline emissions. The emissions caps ensure that there will be no net increase in NO_x or SO₂ emissions when also considering the increases from the collocated project for the Gainesville Renewable Energy Center (ARMS ID No. 0010131).

FACILITY REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility operates units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.
- Units 1 and 2 are subject to the Clean Air Interstate Rule (CAIR).
- The existing facility holds a power plant site certification pursuant to Chapter 62-17, F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Bureau of Air Regulation, Division of Air Resource Management, Florida Department of Environmental Protection (Department). The Bureau of Air Regulation's mailing address is 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Air Resource Section of the Department's Northeast District Office at 7825 Baymeadows Way, Suite 200 B, Jacksonville, Florida 32256-7590.
3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions).
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Application for Title V Permit: This permit authorizes construction of the permitted emissions units and initial operation to determine compliance with Department rules. A Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220 and Chapter 62-213, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Deerhaven Generating Station Unit 2 (EU-005)

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
005	Deerhaven Generating Station Unit 2 is a 251 MW (nominal) fossil fuel-fired electric utility steam generating unit. Unit 2 is a dry-bottom, wall-fired boiler that began commercial operation in 1981. NO _x emissions are controlled with a selective catalytic reduction (SCR) system. Particulate matter emissions are controlled by an electrostatic precipitator and-baghouse. Sulfuric acid mist emissions are controlled by a hydrated lime injection system. SO ₂ emissions are controlled with a circulating dry scrubber. Emissions are exhausted through a 350 foot stack with an exit diameter of 18.5 feet. The stack is equipped with continuous emissions monitoring systems (CEMS) for NO _x and SO ₂ and a continuous opacity monitoring system.

ADMINISTRATIVE REQUIREMENTS

1. Relation to Other Permits: The conditions of this permit are in addition to those of any other air construction or operation permits for this unit. [Rule 62-4.030, 62-4.210, and 62-210.300(1)(b), F.A.C.]

EMISSIONS STANDARDS

2. Emissions Caps:
 - a. NO_x emissions from Unit 2 shall not exceed 3,381 tons during any calendar year based on data collected by CEMS for all periods of operation including startup, shutdown and malfunction.
 - b. SO₂ emissions from Unit 2 shall not exceed 8,005 tons during any calendar year based on data collected by CEMS for all periods of operation including startup, shutdown and malfunction.

These emissions caps become effective beginning with the calendar year that the Gainesville Renewable Energy Center (ARMS ID No. 0010131) establishes commercial operation.
[Rule 62-4.070(3), F.A.C. and Application No. 0010006-012-AC]

MONITORING REQUIREMENTS

3. CEMS: The permittee shall demonstrate compliance with the NO_x and SO₂ emissions caps with data collected from the existing certified CEMS. [Rule 62-4.070(3), F.A.C.]

RECORDS AND REPORTS

4. Test Reports: In conjunction with the Annual Operating Report required by Rule 62-210.370, F.A.C., the permittee shall report the actual annual NO_x and SO₂ emissions to demonstrate compliance with the emissions caps specified in this permit. [Rule 62-4.070(3), F.A.C. and Application No. 0010006-012-AC]

SECTION 4. APPENDICES

Appendix A. Citation Formats and Glossary of Terms

Appendix B. General Conditions

DRAFT

SECTION 4. APPENDICES

Citation Formats and Glossary of Terms

The following illustrate the formats used in the permit to identify applicable requirements from permits and regulations.

Old Permit Numbers

Example: Permit No. AC50-123456 or Permit No. AO50-123456

Where: “AC” identifies the permit as an Air Construction Permit
“AO” identifies the permit as an Air Operation Permit
“123456” identifies the specific permit project number

New Permit Numbers

Example: Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

Where: “099” represents the specific county ID number in which the project is located
“2222” represents the specific facility ID number for that county
“001” identifies the specific permit project number
“AC” identifies the permit as an air construction permit
“AF” identifies the permit as a minor source federally enforceable state operation permit
“AO” identifies the permit as a minor source air operation permit
“AV” identifies the permit as a major Title V air operation permit

PSD Permit Numbers

Example: Permit No. PSD-FL-317

Where: “PSD” means issued pursuant to the preconstruction review requirements of the Prevention of Significant Deterioration of Air Quality
“FL” means that the permit was issued by the State of Florida
“317” identifies the specific permit project number

Florida Administrative Code (F.A.C.)

Example: [Rule 62-213.205, F.A.C.]

Means: Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

GLOSSARY OF COMMON TERMS

ARMS: Air Resource Management System (Department’s database)

CEMS: continuous emissions monitoring system

COMS: continuous opacity monitoring system

EU: emissions unit

NO_x: nitrogen oxides

SCR: selective catalytic reduction

SO₂: sulfur dioxide

SECTION 4. APPENDICE B

General Conditions

The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue; and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

SECTION 4. APPENDICE B

General Conditions

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (not applicable);
 - b. Determination of Prevention of Significant Deterioration (not applicable); and
 - c. Compliance with New Source Performance Standards (not applicable).
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - (a) The date, exact place, and time of sampling or measurements;
 - (b) The person responsible for performing the sampling or measurements;
 - (c) The dates analyses were performed;
 - (d) The person responsible for performing the analyses;
 - (e) The analytical techniques or methods used;
 - (f) The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Monday, June 21, 2010 11:33 AM
To: 'stantonjw@gru.com'
Cc: 'jonesmc@gru.com'; 'klemansrw@gru.com'; 'christopher.kirts@dep.state.fl.us'; 'mike.halpin@dep.state.fl.us'; 'forney.kathleen@epa.gov'; 'abrams.heather@epa.gov'; 'Victoria.gibson@dep.state.fl.us'; Linero, Alvaro; Walker, Elizabeth (AIR)
Subject: City of Gainesville, Gainesville Regional Utilities - Deerhaven Generating Station; 0010006-012-AC
Attachments: 0010006-012-AC_Intent.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Intent to Issue** 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/0010006.012.AC.D_pdf.zip

Owner/Company Name: CITY OF GAINESVILLE, GRU
Facility Name: DEERHAVEN GENERATING STATION
Project Number: 0010006-012-AC
Permit Status: DRAFT
Permit Activity: CONSTRUCTION
Facility County: ALACHUA
Processor: Al Linero

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/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, Bureau of Air Regulation

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
850/921-9506
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, Sylvania

From: Stanton, John W [StantonJW@gru.com]
Sent: Friday, July 02, 2010 11:30 AM
To: Livingston, Sylvania
Subject: RE: City of Gainesville, Gainesville Regional Utilities - Deerhaven Generating Station; 0010006-012-AC

You have my apology for a late response. Yes, I can access the document. Sorry....

John Stanton
Assistant General Manager; Energy Supply
Gainesville Regional Utilities
P.O. Box 147117, Station A137
301 S.E. 4th Avenue
Gainesville, Florida 32614-7117
Bus. 352/393-1789
Cell 954/646-1639

From: Livingston, Sylvania [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Friday, July 02, 2010 11:22 AM
To: Stanton, John W
Subject: FW: City of Gainesville, Gainesville Regional Utilities - Deerhaven Generating Station; 0010006-012-AC

Dear John Stanton,

We have not received confirmation that you were able to access the documents attached to this June 21st e-mail. Please confirm receipt by opening the attachment and sending a reply to me.

The Division of Air Resource Management is sending electronic versions of these documents rather than sending them Return Receipt Requested via the US Postal service. Your "receipt confirmation" reply serves the same purpose as tracking the receipt of the signed "Return Receipt" card from the US Postal Service. Please let me know if you have any questions.

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

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](#). Thank you in advance for completing the survey.

From: Livingston, Sylvania
Sent: Monday, June 21, 2010 11:33 AM
To: stantonjw@gru.com
Cc: jonesmc@gru.com; klemansrw@gru.com; christopher.kirts@dep.state.fl.us; mike.halpin@dep.state.fl.us; forney.kathleen@epa.gov; abrams.heather@epa.gov; Victoria.gibson@dep.state.fl.us; Linero, Alvaro; Walker, Elizabeth (AIR)
Subject: City of Gainesville, Gainesville Regional Utilities - Deerhaven Generating Station; 0010006-012-AC

Dear Sir/ Madam:

Attached is the official **Notice of Intent to Issue** 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/0010006.012.AC.D_pdf.zip

Owner/Company Name: CITY OF GAINESVILLE, GRU

Facility Name: DEERHAVEN GENERATING STATION

Project Number: 0010006-012-AC

Permit Status: DRAFT

Permit Activity: CONSTRUCTION

Facility County: ALACHUA

Processor: Al Linero

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/emission/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

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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>> .