



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

March 12, 1998

Mr. Michael L. Kurtz  
General Manager  
City of Gainesville, GRU  
P.O. Box 147117 (A134)  
Gainesville, FL 32614-7717

Re: PROPOSED Title V Permit No.: 0010005-001-AV  
J. R. Kelly Generating Station

Dear Mr. Kurtz:


One copy of the "PROPOSED PERMIT DETERMINATION" for the J. R. Kelly Generating Station located at 605 SE 3rd Street, Gainesville, Alachua County, is enclosed. This letter is only a courtesy to inform you that the DRAFT permit has become a PROPOSED permit.

An electronic version of this determination has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is <http://www.dep.state.fl.us/air>.

Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the PROPOSED permit is made by the USEPA within 45 days, the PROPOSED permit will become a FINAL permit no later than 55 days after the date on which the PROPOSED permit was mailed (posted) to USEPA. If USEPA has an objection to the PROPOSED permit, the FINAL permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

If you should have any questions, please contact Lennon Anderson at 850/488-1344.

Sincerely,

for   
C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/a  
Enclosures

copy furnished to:  
John Hancock, Jr., DR  
Thomas W. Davis, P.E.  
Yolanta Jonynas, GRU  
Chris Kirts, NED  
Patricia Reynolds, NEBD  
Ms. Yolanda Adams, USEPA, Region 4 (INTERNET E-mail Memorandum)  
Ms. Carla E. Pierce, USEPA, Region 4 (INTERNET E-mail Memorandum)

3/19/98 cc: Reading Sils  
Lennon Anderson

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

## **PROPOSED PERMIT DETERMINATION**

PROPOSED Permit No.: 0010005-001-AV

Page 1 of 1

### **I. Public Notice.**

An "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" to City of Gainesville, GRU, for the J. R. Kelly Generating Station located at 605 SE 3rd Street, Gainesville, Alachua County was clerked on August 26, 1997. The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was published in the Gainesville Sun on September 13, 1997. The DRAFT Title V Air Operation Permit was available for public inspection at the Northeast District Office/Northeast District Branch Office in Jacksonville/Gainesville and the permitting authority's office in Tallahassee. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was received on September 17, 1997.

### **II. Public Comment(s).**

Comments were received and the DRAFT Title V Operation Permit was changed. The comments were not considered significant enough to reissue the DRAFT Title V Permit and require another Public Notice. Comments were received from one respondent during the 30 (thirty) day public comment period. Listed below is each comment letter in the chronological order of receipt.

A. Letter from Ms. Yolanta Jonynas dated September 18, 1997, and received on September 19, 1997; letter from Ms. Yolanta Jonynas dated October 30, 1997, and received on November 3, 1997; and fax from Ms. Yolanta Jonynas dated February 23, 1998.

The enclosed PROPOSED Title V Air Operation Permit includes the changes to the DRAFT Title V Air Operation Permit.

#### **B. Documents on file with the permitting authority:**

- Letter received September 19, 1997, from Ms. Yolanta Jonynas.
- Letter received November 3, 1997, from Ms. Yolanta Jonynas.
- Fax received February 23, 1998, from Ms. Yolanta Jonynas.

### **III. Conclusion.**

The permitting authority hereby issues the PROPOSED Permit No.: 0010005-001-AV.

Is your RETURN ADDRESS completed on the reverse side?

**SEND**

- Complete items
- Print your name and address on the return form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address
2.  Restricted Delivery

Consult postmaster for fee.

<p>3. Article Addressed to:</p> <p>Mr. Micheal L. Kurtz          General Manager          City of Gainsville, GRU          P.O. Box 147117 (A 134)          Gainesville, FL 32614-7117</p>	<p>4a. Article Number</p> <p>P 265 301 728</p> <p>4b. Service Type</p> <p><input type="checkbox"/> Registered                      <input checked="" type="checkbox"/> Certified</p> <p><input type="checkbox"/> Express Mail                      <input type="checkbox"/> Insured</p> <p><input type="checkbox"/> Return Receipt for Merchandise   <input type="checkbox"/> COD</p>
<p>5. Received By: (Print Name)</p>	<p>7. Date of Delivery</p> <p style="text-align: center;">MAR 20 1998</p>
<p>6. Signature: (Addressee or Agent)</p> <p><i>X [Signature]</i></p>	<p>8. Addressee's Address (Only if requested and fee is paid)</p>

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 301 728

US Postal Service  
**Receipt for Certified Mail**

No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to	Mr. Michael L. Kurtz
Street & Number	P.O. Box 147117 (A 134)
Post Office, State, & ZIP Code	Gainesville, FL 32614-7117
Postage	\$ 7.17
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark on Date	3/19/98
	GRUCD-R-Kelly 0010005

PS Form 3800, April 1995

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Ms. Patricia Reynolds  
Northeast District Branch Office  
101 NW 75 St, Suite 3  
Gainesville, FL 32607-1609

4a. Article Number  
Z 333 638 495

4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
3-26

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)  
X *Patricia Reynolds*

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

PS Form 3811, December 1994 Domestic Return Receipt

P 265 301 730

US Postal Service  
**Receipt for Certified Mail**

No Insurance Coverage Provided.  
Do not use for International Mail (See reverse)

Sent to  
*Ms. Patricia Reynolds*  
Street & Number  
*5700 Southwest 34 Street*  
Post Office, State, & ZIP Code  
*Gainesville, FL 32608*

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>

PS Form 3800, April 1995

Postmark or Date  
*3/19/98*  
*J.R. Kelly*  
*0010005*

**BEST AVAILABLE COPY**

Is your RETURN ADDRESS completed on the reverse?

Write your name and address on the reverse of this form so that we can return this card to you.  
 ■ Attach this form to the front of the mailpiece, or on the back if space does not permit.  
 ■ Write "Return Receipt Requested" on the mailpiece below the article number.  
 ■ The Return Receipt will show to whom the article was delivered and the date delivered.

If you wish to receive the following services (for an extra fee):  
 1.  Addressee's Address  
 2.  Restricted Delivery  
 Consult postmaster for fee.

Thank you for using Return Receipt Service.

3. Article Addressed to:  
 Mr. Chris Kirts  
 Northeast District Office  
 7825 Baymeadows Way, Suite 200B  
 Jacksonville, FL 32256-7590


4a. Article Number  
 P 265 301 729

4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
 3-20-98

5. Received By: (Print Name)  
 K. Morton

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)  


PS Form 3800, April 1995 Domestic Return Receipt

P 265 301 729

US Postal Service  
**Receipt for Certified Mail**  
 No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sender <i>Chris Kirts</i>	
Street & Number <i>7825 Baymeadows Way</i>	
Post Office, State, & ZIP Code <i>Jacksonville Fla.</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>
Postmark or Date <i>3/19/98</i> <i>660 - J.R. Kelly</i> <i>0010008</i>	

PS Form 3800, April 1995

City of Gainesville, GRU  
J. R. Kelly Generating Station  
**Facility ID No.:** 0010005  
Alachua County

Initial Title V Air Operation Permit  
**PROPOSED Permit No.:** 0010005-001-AV

Permitting Authority:

State of Florida  
Department of Environmental Protection  
Division of Air Resources Management  
Bureau of Air Regulation  
Title V Section

Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Telephone: 850/488-1344  
Fax: 850/922-6979

February 26, 1998

Compliance Authority:

Northeast District Office  
7825 Baymeadows Way, Suite 200B  
Jacksonville, FL 32256-7590  
Telephone: 904/448-4300  
Fax: 904/448-4363

and

Department of Environmental Protection  
Northeast District Branch Office  
101 NW 75 Street, Suite 3  
Gainesville, FL 32607-1609  
Telephone: 352/333-2850  
Fax: 352/333-2856



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

**Permittee:**

City of Gainesville, GRU  
P.O. Box 147117 (A134)  
Gainesville, FL 32614-7117

**PROPOSED Permit No.:** 0010005-001-AV

**Facility ID No.:** 0010005

**SIC Nos.:** 49, 4911

**Project:** Initial Title V Air Operation Permit

This permit is for the operation of the J. R. Kelly Generating Station. This facility is located at 605 SE 3rd Street, Gainesville, Alachua County; UTM Coordinates: Zone 17, 372.00 km East and 3280.20 km North; Latitude: 29° 38' 48" North and Longitude: 82° 19' 19" West.

**STATEMENT OF BASIS:** This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**

Appendix U-1, List of Unregulated Emissions Units and/or Activities

Appendix I-1, List of Insignificant Emissions Units and/or Activities

APPENDIX TV-1, TITLE V CONDITIONS (version dated 12/02/97)

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)

TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/06/96)

Phase II Permit Application received January 2, 1996.

Alternate Sampling Procedure: ASP Number 97-B-01 (including the Order Correcting the Scrivener's Error dated July 2, 1997)

ORDER EXTENDING PERMIT EXPIRATION DATE dated 03/18/98

**Effective Date:** January 1, 1999

**Renewal Application Due Date:** July 5, 2003

**Expiration Date:** December 31, 2003

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

HLR/sms/a

Initial Title V Air Operation Permit  
**PROPOSED Permit No.:** 0010005-001-AV

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**Section I. Facility Information.**

**Subsection A. Facility Description.**

This facility consists of 3 fossil fuel fired steam generators. The facility is fired with either natural gas or new residual fuel oils (Nos. 4, 5, or 6) which may be supplemented with on-specification used oil. Unit 6 is permitted to burn natural gas only.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

**Subsection B. Summary of Emissions Unit ID Nos. and Brief Descriptions.**

**E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description</u></b>
-006	Fossil Fuel Fired Steam Generator Unit No. 6
-007	Fossil Fuel Fired Steam Generator Unit No. 7
-008	Fossil Fuel Fired Steam Generator Unit No. 8 [EPA ID#: JRK8]
-009	Unregulated Emissions Units and/or Activities (see Appendix U-1)

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.*

**Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History/ID Number Changes

This document is on file with the permitting authority:

Initial Title V Permit Application received June 14, 1996.

## **Section II. Facility-wide Conditions.**

### **The following conditions apply facility-wide:**

- 1. APPENDIX TV-1, TITLE V CONDITIONS, is a part of this permit.**  
{Permitting note: APPENDIX TV-1, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided a copy when requested or otherwise appropriate.}
- 2. Not federally enforceable. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited.** The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C.]
- 3. General Particulate Emission Limiting Standards. General Visible Emissions Standard.** Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.  
[Rule 62-296.320(4)(b)1. & 4, F.A.C.]
- 4. Prevention of Accidental Releases (Section 112(r) of CAA).** If required by 40 CFR 68, the permittee shall submit to the implementing agency:
  - a. a risk management plan (RMP) when, and if, such requirement becomes applicable;
  - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
- 5. Unregulated Emissions Units and/or Activities.** Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.  
[Rule 62-213.440(1), F.A.C.]
- 6. Insignificant Emissions Units and/or Activities.** Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.  
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

7. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

[Rule 62-296.320(1)(a), F.A.C.]

{Permitting note: The Department has not ordered any control devices or systems under Rule 62-296.320(1)(a), F.A.C.}

8. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one. [Rule 62-213.440, F.A.C.]

9. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northeast District office and the Department's Gainesville Branch office:

Department of Environmental Protection  
Northeast District Office  
7825 Baymeadows Way, Suite 200B  
Jacksonville, FL 32256-7590  
Telephone: 904/448-4300  
Fax: 904/448-4363

and

Department of Environmental Protection  
Northeast District Branch Office  
101 NW 75 Street, Suite 3  
Gainesville, FL 32607-1609  
Telephone: 352/333-2850  
Fax: 352/333-2856

10. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

**11. Statement of Compliance.** The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year. {See condition 52., APPENDIX TV-1, TITLE V CONDITIONS}  
[Rule 62-214.420(11), F.A.C.]

**12.** Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency  
Region 4  
Air, Pesticides & Toxics Management Division  
Operating Permits Section  
61 Forsyth Street  
Atlanta, Georgia 30303  
Telephone: 404/562-9099  
Fax: 404/562-9095

**Section III. Emissions Units and Conditions.**

**Subsection A. This section addresses the following emissions unit.**

**E.U.**

**ID No.    Brief Description**

-006      Fossil Fuel Fired Steam Generator Unit No. 6

Fossil Fuel Fired Steam Generator Unit 6 is a nominal 19 megawatt (electric) steam generator with no emissions control equipment. The emissions unit is fired on natural gas with a maximum heat input of 187.3 MMBtu per hour. Fossil Fuel Fired Steam Generator Unit No. 6 began commercial operation in March 1958 and has been on cold standby since August 1, 1989.

{Permitting note(s): The emissions unit is regulated under Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with Less than 250 million Btu per Hour Heat Input.}

**The following specific conditions apply to the emissions unit listed above:**

**Essential Potential to Emit (PTE) Parameters**

**A.1. Permitted Capacity.** The maximum operation heat input rate, based on the higher heating value (HHV) of the fuel, is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input (HHV)</u>	<u>Fuel Type</u>
6	187.3	Natural Gas

[Rules 62-4.160(2), 62-210.200(PTE) and 62-296.406, F.A.C.]

**A.2. Emissions Unit Operating Rate Limitation After Testing.** See **Specific Condition C.7.**

[Rule 62-297.310(2), F.A.C.]

**A.3. Methods of Operation. Fuels.**

The only fuel allowed to be burned during startup and normal operations is natural gas.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

### **Emission Limitations and Standards**

{Permitting note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit. }

**A.4. Visible Emissions.** Visible emissions shall not exceed 20 percent opacity, except for one two-minute period per hour during which opacity shall not exceed 40 percent.  
[Rule 62-296.406(1), F.A.C.]

**A.5. Visible emissions - Soot Blowing and Load Change.** Excess emissions from the existing fossil fuel steam generator resulting from boiler cleaning (soot blowing) and load change shall be permitted provided the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60 percent opacity, and providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.  
[Rule 62-210.700(3), F.A.C.]

**A.6. Particulate Matter.** Particulate matter emissions shall be controlled by the firing of natural gas.  
[Rule 62-296.406(2), F.A.C.]

**A.7. Sulfur Dioxide.** Sulfur dioxide emissions shall be controlled by the firing of natural gas.  
[Rule 62-296.406(3), F.A.C.]

### **Test Methods and Procedures**

{Permitting note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit. }

**A.8. Visible emissions.** The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. See **Specific Conditions C.6. and A.10.**  
[Rules 62-213.440 and 62-297.401, F.A.C.]

**A.9. Applicable Test Procedures.**

**(a) Required Sampling Time.**

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4)(a)2., F.A.C.]

**A.10.** By this permit, annual emissions compliance testing for visible emissions is not required for this emissions unit while burning only gaseous fuels.

[Rule 62-297.310(7)(a)4., F.A.C.]

**Recordkeeping and Reporting Requirements**

**A.11.** All recorded data shall be maintained on file by the source for a period of five years.

[Rule 62-213.440(1)(b)2.b., F.A.C.]

**A.12. Test Reports.**

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.

(b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

[Rule 62-297.310(8), F.A.C.]

**Miscellaneous Condition**

**A.13.** This emissions unit is also subject to conditions contained in **Subsection C.**

**Subsection B. This section addresses the following emissions units.**

**E.U.**

**ID No.    Brief Description**

-007      Fossil Fuel Fired Steam Generator Unit No. 7

-008      Fossil Fuel Fired Steam Generator Unit No. 8 [EPA ID#: JRK 8]

Fossil Fuel Fired Steam Generator Unit No. 7 is a nominal 25 megawatt (electric) steam generator with no emissions control equipment. The emissions unit is fired on natural gas and/or new residual fuel oils (Nos. 4, 5, or 6). The maximum heat input for natural gas and new residual fuel oils (Nos. 4, 5, or 6) are 272 MMBtu per hour and 249 MMBtu per hour, respectively.

Fossil Fuel Fired Steam Generator Unit No. 8 is a nominal 50 megawatt (electric) steam generator with no emissions control equipment. However, as required under the Acid Rain Program, equipment is installed to continuously monitor opacity, carbon dioxide, sulfur dioxide and nitrous oxides. The emissions unit is fired on natural gas and/or new residual fuel oils (Nos. 4, 5, or 6). The maximum heat input for natural gas and new residual fuel oils (Nos. 4, 5, or 6) are 584.5 MMBtu per hour and 539.5 MMBtu per hour, respectively.

The new residual fuel oils (Nos. 4, 5, or 6) fired in Fossil Fuel Fired Steam Generator Unit Nos. 7 and 8 may be supplemented with a limited amount of on-specification used oil. The units are individually regulated, but share a common stack.

{Permitting note(s): The emissions units are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Steam Generators with More than 250 million Btu per Hour Heat Input. Fossil Fuel Fired Steam Generator Unit No. 7 began commercial operation in August 1961. Fossil Fuel Fired Steam Generator Unit No. 8 began commercial operation in April 1965. The term "new" is hereby defined as "nonused".}



**The following specific conditions apply to the emissions units listed above:**

**Essential Potential to Emit (PTE) Parameters**

**B.1. Permitted Capacity.** The maximum operation heat input rates, based on the higher heating value (HHV) of the fuel, are as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input (HHV)</u>	<u>Fuel Type</u>
7	272	Natural Gas
	249	New residual fuel oils (Nos. 4, 5, or 6); On-Specification Used Oil
8	584.5	Natural Gas
	539.5	New residual fuel oils (Nos. 4, 5, or 6); On-Specification Used Oil

[Rules 62-4.160(2), 62-210.200(PTE) and 62-296.405, F.A.C.]

{Permitting note: For Unit 8, the Acid Rain CEM will not be a method of compliance for the determination of the maximum operation heat input rate. }

**B.2. Emissions Unit Operating Rate Limitation After Testing.** See **Specific Condition C.7.**

[Rule 62-297.310(2), F.A.C.]

**B.3. Methods of Operation. Fuels.**

- a. Startup: The only fuels allowed to be burned are natural gas and/or new No. 6 fuel oil, which may be supplemented with on-specification used oil with a PCB concentration less than 2 ppm.
- b. Normal: The only fuels allowed to be burned are natural gas and/or new No. 6 fuel oil, which may be supplemented with on-specification used oil with a PCB concentration equal to or greater than 2 ppm and less than 50 ppm.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**Emission Limitations and Standards**

{Permitting note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit. }

**B.4. Visible Emissions.** Visible emissions from each unit shall not exceed 20 percent opacity, except for one two-minute period per hour during which opacity shall not exceed 40 percent. Except as otherwise specified in **Specific Condition B.21.**, emissions units

governed by this visible emissions limit shall compliance test for particulate matter emissions annually and as otherwise required by Chapter 62-297, F.A.C.  
[Rule 62-296.405(1)(a), F.A.C.]

**B.5. Visible Emissions - Soot Blowing and Load Change.** Excess emissions from each existing fossil fuel steam generator resulting from boiler cleaning (soot blowing) and load change shall be permitted provided the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed 60 percent opacity, and providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized.

For Unit 8, visible emissions above 60% opacity shall be allowed for not more than four, six (6) minute periods, during the three-hour period of excess emissions allowed by this condition for boiler cleaning and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.  
[Rule 62-210.700(3), F.A.C.]

**B.6. Particulate Matter.** Particulate matter emissions from each unit shall not exceed 0.1 pound per million Btu heat input, as measured by applicable compliance methods. See **Specific Condition B.12.** for the applicable compliance methods.  
[Rule 62-296.405(1)(b), F.A.C.]

**B.7. Particulate Matter - Soot Blowing and Load Change.** Particulate matter emissions shall not exceed an average of 0.3 pound per million Btu heat input during the 3 hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.  
[Rule 62-210.700(3), F.A.C.]

**B.8. Sulfur Dioxide.** While combusting liquid fuels, sulfur dioxide emissions from each unit shall not exceed 2.75 pounds per MMBtu heat input, as measured by applicable compliance methods. See **Specific Conditions B.13. and B.14.** for the applicable compliance methods.  
[Rule 62-296.405(1)(c)j., F.A.C.]

**B.9. Sulfur Dioxide.** The sulfur content of liquid fuels shall not exceed 2.5% sulfur, by weight. See **Specific Condition B.15.**

[Rule 62-296.405(1)(e)3., F.A.C., and requested by applicant in a letter dated October 30, 1997]

### **Test Methods and Procedures**

{Permitting note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**B.10.** Units 7 and 8 are regulated individually and must be tested individually. Due to the common stack, one unit must be shut down while the other unit is being tested.

[Rules 62-4.070(3) and 62-213.440(1), F.A.C.]

**B.11. Visible emissions.** The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. A transmissometer may be used and calibrated according to Rule 62-297.520, F.A.C.

[Rule 62-296.405(1)(e)1., F.A.C.]

**B.12. Particulate Matter.** The test methods for particulate emissions shall be EPA Methods 17, 5, 5B, or 5F, incorporated by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 30 dry standard cubic feet. EPA Method 5 may be used with filter temperature no more than 320 degrees Fahrenheit. For EPA Method 17, stack temperature shall be less than 375 degrees Fahrenheit. EPA Method 3 (with Orsat analysis) or 3A shall be used when the oxygen based F-factor, computed according to EPA Method 19, is used in lieu of heat input. Acetone wash shall be used with EPA Method 5 or 17.

[Rules 62-213.440, 62-296.405(1)(e)2., and 62-297.401, F.A.C.]

**B.13. Sulfur Dioxide.** The test methods for sulfur dioxide emissions shall be EPA Methods 6, 6A, 6B, or 6C, incorporated by reference in Chapter 62-297, F.A.C. Fuel sampling and analysis may be used as an alternate sampling procedure if such a procedure is incorporated into the operation permit for the emissions unit. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedences of the sulfur dioxide emissions limiting standard are occurring. Results of an approved fuel sampling and analysis program shall have the same effect as EPA Method 6 test results for purposes of demonstrating compliance or noncompliance with sulfur dioxide standards. **The permittee may use the EPA test methods, referenced above,**

**to demonstrate compliance; however, as an alternate sampling procedure authorized by permit, the permittee may elect to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor or the permittee upon each delivery.**

[Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.401, F.A.C.]

**B.14. Sulfur Dioxide. The permittee elected to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor or the permittee upon each fuel delivery.** This protocol is allowed because the emission units do not have an operating flue gas desulfurization device.

[Rule 62-296.405(1)(f)1.b., F.A.C.]

**B.15.** The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-92, ASTM D4294-90, ASTM D1552-90, ASTM D4177-82 or both ASTM D4057-88 and ASTM D129-91 or the latest edition of the above ASTM methods.

[Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.440, F.A.C.]

**B.16. Required Number of Test Runs.** For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

**B.17. Calculation of Emission Rate.** The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the separate test runs unless otherwise specified in a particular test method or applicable rule.

[Rule 62-297.310(3), F.A.C.]

**B.18. Applicable Test Procedures.**

**(a) Required Sampling Time.**

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. Opacity Compliance Tests. When DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

Exceptions to these requirements are as follows:

The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

**(b) Minimum Sample Volume.** Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

**(c) Required Flow Rate Range.** For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

**(d) Calibration of Sampling Equipment.** Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1, attached to this permit.

**(e) Allowed Modification to EPA Method 5.** When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

**B.19. Required Stack Sampling Facilities.** When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

**B.20.** By this permit, annual emissions compliance testing for visible emissions is not required for these emissions units while burning:

- a. only gaseous fuels; or
- b. only liquid fuels, other than during startup, for no more than 400 hours per federal fiscal year; or
- c. gaseous fuels in combination with liquid fuels, other than during startup, for no more than 400 hours per federal fiscal year.

[Rule 62-297.310(7)(a)4., F.A.C.]

**B.21.** Annual and permit renewal compliance testing for particulate matter emissions is not required for these emissions units while burning:

- a. only gaseous fuels; or
- b. only liquid fuels, other than during startup, for no more than 400 hours per federal fiscal year; or
- c. gaseous fuels in combination with liquid fuels, other than during startup, for no more than 400 hours per federal fiscal year.

[Rules 62-297.310(7)(a)3. & 5., F.A.C.; and, ASP Number 97-B-01.]

### **Recordkeeping and Reporting Requirements**

**B.22.** Submit to the Department a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

[Rules 62-213.440 and 62-296.405(1)(g), F.A.C.]

### **B.23. Test Reports.**

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department's Northeast District Office and the Northeast District Branch Office on the results of each such test.

(b) The required test report shall be filed with the Department's Northeast District Office and the Northeast District Branch Office as soon as practical but no later than 45 days after the last sampling run of each test is completed.

(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.

7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

### **Miscellaneous Conditions**

**B.24.** These emissions units are also subject to conditions contained in **Subsections C. and D. Common Conditions.**

**Subsection C. Common Conditions.**

**E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description</u></b>
-006	Fossil Fuel Fired Steam Generator Unit No. 6
-007	Fossil Fuel Fired Steam Generator Unit No. 7
-008	Fossil Fuel Fired Steam Generator Unit No. 8

**The following specific conditions apply to the emissions units listed above:**

**Essential Potential to Emit (PTE) Parameters**

**C.1. Hours of Operation.** The emissions units may operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**Excess Emissions**

**C.2.** Excess emissions resulting from startup, shutdown or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

**C.3.** Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.

[Rule 62-210.700(2), F.A.C.]

**C.4.** Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

**Monitoring of Operations**

**C.5. Determination of Process Variables.**

(a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.



(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

### **Test Methods and Procedures**

{Permitting note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit. }

**C.6. DEP Method 9.** The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.

2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:

- a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
- b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.

[Rule 62-297.401, F.A.C.]

**C.7. Operating Rate During Testing.** Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rules 62-297.310(2) & (2)(b), F.A.C.]

**C.8. Frequency of Compliance Tests.** The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

**(a) General Compliance Testing.**

1. (not applicable)
2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid fuel for more than 400 hours other than during startup.
3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
  - a. Did not operate; or
  - b. In the case of a fuel burning emissions unit, burned liquid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
  - a. Visible emissions, if there is an applicable standard;
  - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and

c. Each NESHAP pollutant, if there is an applicable emission standard.

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid fuel, other than during startup, for a total of no more than 400 hours and as otherwise specified in **Specific Condition B.21.**

6.-8. (not applicable)

9. See **Specific Condition C.10.**

(b) **Special Compliance Tests.** When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

(c) **Waiver of Compliance Test Requirements.** If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; SIP approved]

### **Recordkeeping and Reporting Requirements**

**C.9.** In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department's Northeast District Office and the Northeast District Branch Office in accordance with Rule 62-4.130, F.A.C. (Appendix TV-1, Title V Condition No. 9). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

**C.10.** The owner or operator shall notify the Northeast District Office of the Department and the Northeast District Branch Office, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

[Rule 62-297.310(7)(a)9., F.A.C.]

**Subsection D. Common Conditions.**

**E.U.**

**ID No.    Brief Description**

- 007    Fossil Fuel Fired Steam Generator Unit No. 7
- 008    Fossil Fuel Fired Steam Generator Unit No. 8

**The following specific conditions apply to the emissions units listed above:**

- D.1. Used Oil.** Burning of on-specification used oil is allowed at these emissions units in accordance with all other conditions of this permit and the following conditions:
- a. **On-specification Used Oil Emissions Limitations:** These emissions units are permitted to burn on-specification used oil, which contains a PCB concentration of less than 50 ppm. On-specification used oil is defined as used oil that meets the specifications of 40 CFR 279 - Standards for the Management of Used Oil, listed below. "Off-specification" used oil shall not be burned. Used oil which fails to comply with any of these specification levels is considered "off-specification" used oil.

<b>CONSTITUENT/PROPERTY</b>	<b>ALLOWABLE LEVEL</b>
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash point	100 degrees F minimum

- b. **Quantity Limitation:** These emissions units are permitted to burn "on-specification" used oil, not to exceed 1.5 million gallons during any consecutive 12 month period.
- c. **PCB Limitation:** Used oil containing a PCB concentration of 50 or more ppm shall not be burned at this facility. Used oil shall not be blended to meet this requirement.
- d. **Operational Requirements:** On-specification used oil with a PCB concentration equal to or greater than 2 ppm and less than 50 ppm shall be burned only at normal source operating temperatures. On-specification used oil with a PCB concentration equal to or greater than 2 ppm shall not be burned during periods of startup or shutdown.
- e. **Testing Requirements:** The owner or operator shall sample and analyze each batch of used oil to be burned for the following parameters:
  - (1) Arsenic, cadmium, chromium, lead, total halogens, flash point and PCBs.
  - (2) Testing (sampling, extraction and analysis) shall be performed using

approved methods specified in EPA Publication SW-846 (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods).

- (3) Alternatively, the owner or operator may rely on other analyses or other information to make the determination that the used oil meets the specifications of 40 CFR 279.11. Documentation used to make the determination shall be maintained at the facility.
- f. Record Keeping Requirements: The owner or operator shall obtain, make, and keep the following records related to the use of used oil in a form suitable for inspection at the facility by the Department: [40 CFR 279.72, 40 CFR 279.74(b) and 761.20(e)]
  - (1) The gallons of on-specification used oil placed in inventory each month. (This record shall be completed no later than the fifteenth day of the succeeding month.)
  - (2) The total gallons of on-specification used oil placed in inventory in the preceding consecutive 12-month period. (This record shall be completed no later than the fifteenth day of the succeeding month.)
  - (3) Results of the analyses required above.
- g. Reporting Requirements: The owner or operator shall submit to the Northeast District office and the Northeast District Branch Office, within thirty days of the end of each calendar quarter, the analytical results and the total amount of on-specification used oil placed in inventory during the quarter.

The owner or operator shall submit, with the Annual Operation Report form, the analytical results and the total amount of on-specification used oil placed in inventory during the previous calendar year.

[Rule 62-4.070(3) and 62-213.440, F.A.C., 40 CFR 279 and 40 CFR 761, unless otherwise noted.]

**Section IV. This section is the Acid Rain Part.**

**Operated by:** Gainesville Regional Utilities-J. R. Kelly  
**ORIS code:** 664

**Subsection A. This subsection addresses Acid Rain, Phase II.**

The emissions unit listed below is regulated under Acid Rain, Phase II.

**E.U.**

**ID No.    Brief Description**

-008      Fossil Fuel Fired Steam Generator Unit No. 8

**A.1.** The Phase II permit application submitted for this facility, as approved by the Department, is a part of this permit. The owners and operators of this Phase II acid rain unit must comply with the standard requirements and special provisions set forth in the application listed below:

a. DEP Form No. 62-210.900(1)(a), effective 07/01/95; dated 12/22/95.  
 [Chapter 62-213, F.A.C. and Rule 62-214.320; F.A.C.]

**A.2.** Sulfur dioxide (SO<sub>2</sub>) allowance allocations requirements for each Acid Rain unit is as follows:

<b><u>E.U. ID</u></b> <b><u>No.</u></b>	<b><u>EPA ID</u></b>	<b><u>Year</u></b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
-008	JRK8	<b>SO2 allowances, under Table 2 of 40 CFR Part 73</b>	58*	58*	58*

\*The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2 of 40 CFR 73.]

**A.3. Emission Allowances.** Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.

1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.

2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.

3. Allowances shall be accounted for under the Federal Acid Rain Program.  
[Rule 62-213.440(1)(c), F.A.C.]

**A.4. Fast-Track Revisions of Acid Rain Parts.** Those Acid Rain sources making a change described at Rule 62-214.370(4), F.A.C., may request such change as provided in Rule 62-213.413, Fast-Track Revisions of Acid Rain Parts.  
[Rule 62-213.413, F.A.C.]

**A.5. Comments, notes, and justifications:** none

**Appendix U-1, List of Unregulated Emissions Units and/or Activities.**

City of Gainesville, GRU  
J. R. Kelly Generating Station

**PROPOSED Permit No.:** 0010005-001-AV  
**Facility ID No.:** 0010005

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Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘insignificant emissions units’.

**E.U.**

<b><u>ID No.</u></b>	<b><u>Brief Description of Emissions Units and/or Activity</u></b>
-009	Combustion Turbine Unit Nos. 1, 2 and 3 using natural gas or new distillate fuel oils (Nos. 1 or 2)



## Appendix I-1, List of Insignificant Emissions Units and/or Activities.

City of Gainesville, GRU  
J. R. Kelly Generating Station

**PROPOSED Permit No.:** 0010005-001-AV  
**Facility ID No.:** 0010005

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The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

### Brief Description of Emissions Units and/or Activities

1. Internal combustion engines - mobile sources
2. Vacuum pumps for labs
3. Steam cleaning equipment
4. Lab equipment used for chemical or physical analyses
5. Brazing, soldering or welding equipment
6. One or more emergency generators located within a single facility provided:
  - a. None of the emergency generators is subject to the Federal Acid Rain Program; and
  - b. Total fuel consumption by all such emergency generators within the facility is limited to 32,000 gallons per year of diesel fuel, 4,000 gallons per year of gasoline, 4.4 million standard cubic feet per year of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.
7. One or more heating units and general purpose internal combustion engines located within a single facility provided:
  - a. None of the emergency generators is subject to the Federal Acid Rain Program; and
  - b. Total fuel consumption by all such emergency generators within the facility is limited to 32,000 gallons per year of diesel fuel, 4,000 gallons per year of gasoline, 4.4 million standard cubic feet per year of natural gas or propane, or an equivalent prorated amount if multiple fuels are used.
8. Fire and safety equipment

9. Surface coating operation within a single facility if the total quantity of coatings containing greater than 5.0 percent VOCs, by volume, used is 6.0 gallons per day or less, averaged monthly, provided:
  - a. Such operations are not subject to a volatile organic compound Reasonably Available Control Technology (RACT) requirement of Chapter 62-296, F.A.C.; and
  - b. The amount of coatings used shall include any solvents and thinners used in the process including those used for cleanup.
10. Surface coating operations utilizing only coatings containing 5.0 percent or less VOCs, by volume.
11. Space heating equipment (non-boilers)
12. Parts cleaning and degreasing stations not subject to 40 CFR 63, Subpart T.
13. Degreasing units using heavier-than air vapors exclusively, not subject to 40 CFR 63, Subpart T.
14. Three 840,000 (nominal) gallon storage tanks for new residual fuel oils (Nos. 4, 5, or 6)/on-specification used oil or new distillate fuel oils (Nos. 1 or 2)
15. One 480,000 (nominal) gallon storage tank for new residual fuel oils (Nos. 4, 5, or 6)/on-specification used oil or new distillate fuel oils (Nos. 1 or 2)
16. One 240,000 (nominal) gallon storage tank for new residual fuel oils (Nos. 4, 5, or 6)/on-specification used oil or new distillate fuel oils (Nos. 1 or 2)
17. Two 210,000 (nominal) gallon storage tanks for new residual fuel oils (Nos. 4, 5, or 6)/on-specification used oil or new distillate fuel oils (Nos. 1 or 2)
18. Two 115,000 (nominal) gallon storage tanks for new distillate fuel oils (Nos. 1 or 2) or new residual fuel oils (Nos. 4, 5, or 6)/on-specification used oil
19. Two 54,000 (nominal) gallon storage tanks for new residual fuel oils (Nos. 4, 5, or 6)/on-specification used oil or new distillate fuel oils (Nos. 1 or 2)
20. One 6,000 (nominal) gallon underground storage tank for gasoline
21. One 15,000 (nominal) gallon underground storage tank for gasoline
22. One 20,000 (nominal) gallon underground storage tank for diesel
23. Turbine vapor extractor
24. Sand blasting and abrasive grit blasting
25. Vehicle refueling operations
26. Freshwater cooling towers. The cooling towers do not use chromium-based treatment chemicals.
27. Storage tanks less than 550 gallons

**Table 1-1, Summary of Air Pollutant Standards and Terms**

City of Gainesville, GRU  
 J. R. Kelly Generating Station

**PROPOSED Permit No.:** 0010005-001-AV  
**Facility ID No.:** 0010005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.**    **Brief Description**  
 -006    Fossil Fuel Fired Steam Generator Unit No. 6

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
VE	Nat. Gas	8760	20% opacity					62-296.406(1), F.A.C.	III.A.4.
VE(SB)**	Nat. gas	1095	60% opacity					62-210.700(3), F.A.C.	III.A.5.

Notes:  
 \* The "Equivalent Emissions" listed are for informational purposes only.  
 \*\* SB refers to "soot blowing" and "load change".

**Table 1-1, Summary of Air Pollutant Standards and Terms**

City of Gainesville, GRU  
J. R. Kelly Generating Station

**PROPOSED Permit No.:** 0010005-001-AV  
**Facility ID No.:** 0010005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.**    **Brief Description**  
-007        Fossil Fuel Fired Steam Generator Unit No. 7

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
VE	Nat. Gas or Nos. 4, 5, 6 F.O.	8760	20% opacity ***					62-296.405(1)(a), F.A.C.	III.B.4.
VE(SB)**		1095	60% opacity					62-210.700(3), F.A.C.	III.B.5.
PM	Nos. 4, 5, 6 F.O.	8760	0.1 lb/MMBtu			24.9	109.1	62-296.405(1)(b), F.A.C.	III.B.6.
PM(SB)**	Nos. 4, 5, 6 F.O.	1095	0.3 lb/MMBtu			74.7	40.89	62-210.700(3), F.A.C.	III.B.7.
SO2	Nos. 4, 5, 6 F.O.	8760	2.75 lb/MMBtu			684.75	2,999.20	62-296.405(1)(c)j., F.A.C.	III.B.8.
SO2	Nos. 4, 5, 6 F.O.	8760	2.5% sulfur content by weight on liquid fuels						III.B.9.

Notes:  
 \* The "Equivalent Emissions" listed are for informational purposes only.  
 \*\* SB refers to "soot blowing" and "load change".  
 \*\*\* Except for one two-minute period per hour up to 40%

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## Table 1-1, Summary of Air Pollutant Standards and Terms

City of Gainesville, GRU  
J. R. Kelly Generating Station

PROPOSED Permit No.: 0010005-001-AV  
Facility ID No.: 0010005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.**    **Brief Description**  
-008            Fossil Fuel Fired Steam Generator Unit No. 8

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See permit condition(s)
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
VE	Nat. Gas or Nos. 4, 5, 6 F.O.	8760	20% opacity					62-296.405(1)(a), F.A.C.	III.B.4.
VE(SB)**		1095	60% opacity***					62-210.700(3), F.A.C.	III.B.5.
PM	Nos. 4, 5, 6 F.O.	8760	0.1 lb/MMBtu			53.95	236.3	62-296.405(1)(b), F.A.C.	III.B.6.
PM(SB)**	Nos. 4, 5, 6 F.O.	1095	0.3 lb/MMBtu			161.9	88.61	62-210.700(3), F.A.C.	III.B.7.
SO2	Nos. 4, 5, 6 F.O.	8760	2.75 lb/MMBtu			1,483.6	6,498.30	62-296.405(1)(c)j., F.A.C.	III.B.8.
SO2	Nos. 4, 5, 6 F.O.	8760	2.5% sulfur content by weight on liquid fuels						III.B.9.

**Notes:**

\* The "Equivalent Emissions" listed are for informational purposes only.

\*\* SB refers to "soot blowing" and "load change"

\*\*\* Except for four six-minute periods up to 100%

[electronic file name: 00100051.xls]

**Table 2-1, Summary of Compliance Requirements**

City of Gainesville, GRU  
 J. R. Kelly Generating Station

**PROPOSED Permit No.:** 0010005-001-AV  
**Facility ID No.:** 0010005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.**    **Brief Description**  
 -006        Fossil Fuel Fired Steam Generator Unit No. 6

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	
						CMS**	See permit condition(s)
VE	Nat. gas	DEP Method 9	before permit renewal	1-Mar	1 hour	no	III.A.8., A.10.

Notes:  
 \* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.  
 \*\*CMS [=] continuous monitoring system

[electronic file name: 00100052.xls]

**Table 2-1, Summary of Compliance Requirements**

City of Gainesville, GRU  
J. R. Kelly Generating Station

**PROPOSED Permit No.:** 0010005-001-AV  
**Facility ID No.:** 0010005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.    Brief Description**

- 007    Fossil Fuel Fired Steam Generator Unit No. 7
- 008    Fossil Fuel Fired Steam Generator Unit No. 8

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
PM	Nos. 4, 5, 6 F.O.	EPA Methods 17, 5, 5B or 5F	annually		1 hour	no	III.B.12., B21.
SO2	Nos. 4, 5, 6 F.O.	EPA Methods 6, 6A, 6B, or 6C or	annually		1 hour	yes for Unit 8 only	III.B.13.
		ASTM D 2622-92 D4294-90, D1552-90, D4177-82 or both ASTM D4057-88 and D129-91	each fuel delivery		N/A		III.B.15.

Notes:

\* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.

\*\*CMS [=] continuous monitoring system

[electronic file name: 00100052.xls]

## Appendix H-1, Permit History/ID Number Changes

Gainesville Regional Utilities  
J.R. Kelly

Facility ID No.: 0010005

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**Permit History (for tracking purposes):**

<u>E.U. ID No</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revised Date(s)</u>
-001	#1 Combustion Turbine	AO01-241346	12/14/93	03/01/99		12/29/93
-002	#2 Combustion Turbine	AO01-241346	12/14/93	03/01/99		12/29/93
-003	#3 Combustion Turbine	AO01-241346	12/14/93	03/01/99		12/29/93
-006	#6 Fossil Fuel Fired Steam Generator	AO01-195854	07/19/91	07/18/96		
-007	#7 Fossil Fuel Fired Steam Generator	AO01-224217	04/30/93	04/01/98		10/06/93 12/14/93 12/29/93
-008	#8 Fossil Fuel Fired Steam Generator	AO01-224218	04/30/93	06/01/98		12/14/93 12/29/93
-009	Combustion Turbines 1, 2, and 3	001005-001-AV				

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**(if applicable) ID Number Changes (for tracking purposes):**

From: Facility ID No.: 31JAX010005

To: Facility ID No.: 0010005

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# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

## STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Mr. Michael L. Kurtz  
General Manager  
City of Gainesville, GRU  
P.O. Box 147117 (A134)  
Gainesville, FL 32614-7717

### ORDER EXTENDING PERMIT EXPIRATION DATE

J.R. Kelly Generating Station, **Facility ID No.:** 0010005

Section 403.0872(2)(b), Florida Statutes (F.S.), specifies that any facility which submits to the Department of Environmental Protection (Department) a timely and complete application for a Title V permit "is entitled to operate in compliance with its existing air permit pending the conclusion of proceedings associated with its application."

Section 403.0872(6), F.S., provides that a proposed Title V permit which is not objected to by the United States Environmental Protection Agency (EPA) "must become final no later than fifty-five (55) days after the date on which the proposed permit was mailed" to the EPA.

Pursuant to the Federal Acid Rain Program as defined in rule 62-210.200, Florida Administrative Code (F.A.C.), all Acid Rain permitting must become effective on January 1 of a given year.

This facility which will be permitted pursuant to section 403.0872, F.S., (Title V permit) will be required to have a permit effective date subsequent to the final processing date of the facility's Title V permit.

To prevent misunderstanding and to assure that the above identified facility continues to comply with existing permit terms and conditions until its Title V permit becomes effective, it is necessary to extend the expiration date(s) of its existing valid permit(s) until the effective date of its Title V permit. Therefore, under the authority granted to the Department by section 403.061(8), F.S., **IT IS ORDERED:**

1. The expiration date(s) of the existing valid permit(s) under which the above identified facility is currently operating is (are) hereby extended until the effective date of its permit issued pursuant to section 403.0872, F.S., (Title V permit);

2. The facility shall comply with all terms and conditions of its existing valid permit(s) until the effective date of its Title V permit;

3. The facility will continue to comply with the requirements of Chapter 62-214, F.A.C., and the Federal Acid Rain Program, as defined in rule 62-210.200, F.A.C., pending final issuance of its Title V permit.

*"Protect, Conserve and Manage Florida's Environment and Natural Resources"*

PETITION FOR ADMINISTRATIVE REVIEW

The Department will take the action described in this Order unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 of the Florida Statutes (F.S.). Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the Department's proposed decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions must be filed within 21 days of receipt of this Order. A petitioner must 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 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

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

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under section 120.542 of the Florida Statutes. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;

- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and

(h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in section 120.542(2) of the Florida Statutes, and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

This Order constitutes final agency action unless a petition is filed in accordance with the above paragraphs.

#### RIGHT TO APPEAL

Any party to this Order has the right to seek judicial review of the Order pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 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 of Appeal must be filed within 30 days from the date the Notice of Agency Action is filed with the Clerk of the Department.

DONE AND ORDERED this 18 day of March 1998 in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



HOWARD L. RHODES, Director  
Division of Air Resources Management  
Twin Towers Office Building  
Mail Station 5500  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
850/488-0114

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk/hereby certifies that this order and all copies were sent by certified mail before the close of business on 3/19/98 to the person(s) listed:

Michael L. Kurtz, GRU  
Chris Kirts, NED  
Patricia Reynolds, NEBD

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.

Barbara J. Portwell 3/19/98  
(Clerk) (Date)

Date: 3/19/98 12:22:42 PM  
From: Mary Fillingim TAL  
Subject: New Posting #0010005  
To: See Below

There is new posting on Florida's website.

0010005001AV  
JOHN R KELLY POWER PLANT

Proposed

The notification letter is encoded and attached. If you have any questions, please feel free to contact me.

Thanks,  
Mary

**Florida's PROPOSED Permit Electronic Notification Cover Memorandum**

**TO:** Yolanda Adams, U.S. EPA Region 4  
**CC:** Carla E. Pierce, U.S. EPA Region 4  
**THRU:** Scott M. Sheplak, P.E., Tallahassee Title V Section  
**FROM:** Lennon Anderson, Permit Engineer  
**DATE:** 03/17/98  
**RE:** U.S. EPA Region 4 PROPOSED Title V Operation Permit Review

The following PROPOSED Title V operation permit(s) and associated documents have been posted on the DEP World Wide Web Internet site for your review. Please provide any comments via Internet E-mail, within fifty five (55) days of receiving this notice, to Scott M. Sheplak, P.E, at Sheplak\_S@dep.state.fl.us".

<u>Applicant Name</u>	<u>County</u>	<u>Method of Transmittal</u>	<u>Electronic File Name(s)</u>
City of Gainesville, GRU J. R. Kelly Generating Station	Alachua	INTERNET	0010005p.zip

This zipped file contains the following electronic files:

0010005p.isu  
0010005p.doc  
00100051.xls  
00100052.xls  
0010005e.doc  
0010005u.doc  
0010005h.doc  
tvorder.doc  
fednot\_p.doc  
0010005d.sob

## **STATEMENT OF BASIS**

City of Gainesville, GRU  
J. R. Kelly Generating Station  
**Facility ID No.:** 0010005  
Alachua County

Initial Title V Air Operation Permit  
**PROPOSED Permit No.:** 0010005-001-AV

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

This facility consists of 3 fossil fuel fired steam generators. The facility is fired with either natural gas or new residual fuel oils (Nos. 4, 5, or 6) which may be supplemented with on-specification used oil. Unit 6 is permitted to burn natural gas only.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

Fossil Fuel Fired Steam Generator Unit 6 is a nominal 19 megawatt (electric) steam generator with no emissions control equipment. The emissions unit is fired on natural gas with a maximum heat input of 187.3 MMBtu per hour. Fossil Fuel Fired Steam Generator Unit No. 6 began commercial operation in March 1958 and has been on cold standby since August 1, 1989.

Fossil Fuel Fired Steam Generator Unit No. 7 is a nominal 25 megawatt (electric) steam generator with no emissions control equipment. The emissions unit is fired on natural gas and/or new residual fuel oils (Nos. 4, 5, or 6). The maximum heat input for natural gas and new residual fuel oils (Nos. 4, 5, or 6) are 272 MMBtu per hour and 249 MMBtu per hour, respectively.

Fossil Fuel Fired Steam Generator Unit No. 8 is a nominal 50 megawatt (electric) steam generator with no emissions control equipment. However, as required under the Acid Rain Program, equipment is installed to continuously monitor opacity, carbon dioxide, sulfur dioxide and nitrous oxides. The emissions unit is fired on natural gas and/or new residual fuel oils (Nos. 4, 5, or 6). The maximum heat input for natural gas and new residual fuel

oils (Nos. 4, 5, or 6) are 584.5 MMBtu per hour and 539.5 MMBtu per hour, respectively.

The new residual fuel oils (Nos. 4, 5, or 6) fired in Fossil Fuel Fired Steam Generator Unit Nos. 7 and 8 may be supplemented with a limited amount of on-specification used oil. The units are individually regulated, but share a common stack.

0010005p.sob