# Orlando Utilities Commission
# Indian River Plant

## Facility ID No. 0090008
## Brevard County

## Title V Air Operation Permit Renewal

**Permit No. 0090008-005-AV**

(Renewal of Title V Air Operation Permit No. 0090008-003-AV)

**Permitting Authority:**

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

2600 Blair Stone Road
Mail Station #5505
Tallahassee, Florida 32399-2400

Telephone: (850) 488-0114
Fax: (850) 921-9533

**Compliance Authority:**

Central District Office
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803-3767

Telephone: (407) 894-7555
Fax: (407) 897-5963

# Title V Air Operation Permit Renewal

Permit No. 0090008-005-AV

## Table of Contents

**Section** **Page Number**

I. Facility Information.
A. Facility Description. ..... 2
B. Summary of Emissions Units. ..... 2
C. Applicable Regulations. ..... 2

II. Facility-wide Conditions. ..... 4

III. Emissions Units and Conditions.
A. Combustion Turbines A and B. ..... 6
B. Combustion Turbines C and D. ..... 9
C. Common Conditions. ..... 13

IV. Acid Rain Part. ..... 16
Phase II Acid Rain Application/Compliance Plan.

V. Clean Air Interstate Rule Part. ..... 21

VI. Appendices. ..... 27
Appendix A, Glossary.
Appendix ABCD, Heat Input vs. Temperature Plots for Combustion Turbines A, B, C and D.
Appendix CAM, Compliance Assurance Monitoring Plan.
Appendix I, List of Insignificant Emissions Units and/or Activities.
Appendix NSPS, Subpart A – General Provisions.
Appendix NSPS, Subpart GG.
Appendix RR, Facility-wide Reporting Requirements.
Appendix TR, Facility-wide Testing Requirements.
Appendix TV, Title V General Conditions.
Appendix U, List of Unregulated Emissions Units and/or Activities.

Referenced Attachments. ..... At End
Figure 1, Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance (40 CFR 60, July, 1996).
Table H, Permit History.
Table 1, Summary of Air Pollutant Standards.
Table 2, Compliance Requirements.

**PERMITTEE:**
Orlando Utilities Commission
Reliable Plaza, 100 West Anderson Street
Orlando, Florida 32801

Permit No. 0090008-005-AV
Indian River Plant
Facility ID No. 0090008
Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V Air Operation Permit for the above referenced facility. The existing Indian River Plant is located at US 1 and Kings Highway, Titusville, in Brevard County. UTM Coordinates are: Zone 17; 521.3 km East and 3151.7 km North. Latitude is: 28° 29' 36" North; and, Longitude is: 80° 46' 57" West.

The 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 operate the facility in accordance with the terms and conditions of this permit.

Effective Date: January 1, 2010
Renewal Application Due Date: May 20, 2014
Expiration Date: December 31, 2014

_____
Joseph Kahn, Director
Division of Air Resource Management

JK/tlv/jkh/tbc

**Subsection A. Facility Description.**

The existing facility consists primarily of four combustion turbines. Emissions units 004 and 007 (combustion turbines A and B) consist of simple cycle General Electric Frame 6 combustion turbines, each with a 35 megawatt (MW) rating. Although the turbines primarily fire natural gas, distillate oil may be fired during periods of curtailed or uneconomical natural gas supply. Nitrogen oxides emissions are reduced by using water injection. Both turbines began commercial operation on August 1, 1990.

Emissions units 005 and 006 (combustion turbines C and D) consist of simple cycle Westinghouse Model Number 501-D5 combustion turbines, each with a 129 MW rating. The turbines primarily fire natural gas. Distillate oil may be fired during periods of curtailed or uneconomical natural gas supply. Nitrogen oxides emissions are controlled by water injection. Both turbines began commercial operation on November 1, 1991.

*{Permitting Note: PSD-FL-130 was initially issued for all four combustion turbines. PSD-FL-173 was subsequently issued for combustion turbines C and D.}*

**Subsection B. Summary of Emissions Units.**

| EU No. | Brief Description |
|---|---|
| *Regulated Emissions Units* | |
| 004 | 35 MW Simple Cycle Combustion Turbine A |
| 005 | 129 MW Simple Cycle Combustion Turbine C |
| 006 | 129 MW Simple Cycle Combustion Turbine D |
| 007 | 35 MW Simple Cycle Combustion Turbine B |
| *Unregulated Emissions Units and Activities* | |
| 009 | One No. 2 Fuel Oil Storage Tank (150,000 gallon capacity) |

**Subsection C. Applicable Regulations.**

Based on the Title V Air Operation Renewal application received May 21, 2009, this facility is not a major source of hazardous air pollutants (HAP). Because this facility operates stationary reciprocating internal combustion engines, it is subject to regulation under 40 CFR 63, Subpart ZZZZ - National Emissions Standards For Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines. However, since the engines being operated meet the Subpart ZZZZ definition of “existing units”, there are no unit specific applicable requirements that must be met pursuant to this rule at this time. The existing facility is a PSD major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

| Regulation | EU No(s). |
|---|---|
| *Federal Rule Citations* | |
| 40 CFR 60, Subpart A, NSPS General Provisions | 004, 005, 006, 007 |
| 40 CFR 60, Subpart GG | |
| 40 CFR 75 Acid Rain Monitoring Provisions | 005, 006 |

| Regulation | EU No(s). |
|---|---|
| *State Rule Citations* | |
| Rule 62-4, F.A.C. (Permitting Requirements) | 004, 005, 006, 007 |
| Rule 62-204, F.A.C. (Ambient Air Quality Requirements, Prevention of Significant Deterioration (PSD) Increments, and Federal Regulations Adopted by Reference) | |
| Rule 62-210, F.A.C. (Permits Required, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions, and Forms) | |
| Rule 62-212, F.A.C. (Preconstruction Review, PSD Review and Best Available Control Technology (BACT) | |
| Rule 62-213, F.A.C. (Title V Air Operation Permits for Major Sources of Air Pollution) | |
| Rule 62-214, F.A.C. (Requirements For Sources Subject To The Federal Acid Rain Program) | 005, 006 |
| Rule 62-296, F.A.C. (Emission Limiting Standards) | 004 ,005, 006, 007 |
| Rule 62-297, F.A.C. (Test Methods and Procedures, Continuous Monitoring Specifications, and Alternate Sampling Procedures) | |
| PSD-FL-130; AC 05-144482 and AC 05-146749 | |
| PSD-FL-173; AC 05-193720 | 005, 006 |

**The following conditions apply facility-wide to all emission units and activities:**

**FW1.** Appendices. The permittee shall comply with all documents identified in Section VI, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

**Emissions and Controls**

**FW2. Not federally Enforceable.** Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

**FW3.** General 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 or organic solvents without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department. Nothing is deemed necessary and ordered at this time. [Rule 62-296.320(1), F.A.C.]

**FW4.** General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b), F.A.C.]

**FW5.** Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

a. Maintenance of paved areas as needed.
b. Regular mowing of grass and care of vegetation.
c. Limiting access to plant property by unnecessary vehicles.

[Rule 62-296.320(4)(c), F.A.C.; and, proposed by applicant in Title V air operation permit renewal application received May 21, 2009.]

**Annual Reports and Fees**

See Appendix RR, Facility-wide Reporting Requirements for additional details.

**FW6.** Annual Operating Report. The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1st of each year. [Rule 62-210.370(3), F.A.C.]

**FW7.** Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rule 62-213.205, F.A.C.]

**FW8.** Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

**FW9.** Prevention of Accidental Releases (Section 112(r) of CAA).

a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.

b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

## Subsection A. Emissions Units 004 and 007

**The specific conditions in this section apply to the following emissions units:**

| EU No. | Brief Description |
|---|---|
| 004 | 35 MW Simple Cycle Combustion Turbine A |
| 007 | 35 MW Simple Cycle Combustion Turbine B |

Emissions units 004 and 007 (combustion turbines A and B) consist of simple cycle General Electric Frame 6 combustion turbines, each with a 35 MW rating. Although the turbines primarily fire natural gas, distillate oil may be fired during periods of curtailed or uneconomical natural gas supply. Nitrogen oxides emissions are reduced by using water injection. Stack parameters (applies to both turbines) are: stack height is 36 feet, exit diameter is 12.36 feet, exit temperature is 1036 degrees Fahrenheit and actual volumetric flow rate is 786,290 actual cubic feet per minute (acfm). Both turbines began commercial operation on August 1, 1990. These emissions units are subject to compliance assurance monitoring (CAM). See Appendix CAM.

*{Permitting Notes: These emissions units are regulated under Rule 62-210.300, F.A.C., Permits Required; NSPS - 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, adopted and incorporated by reference in Rule 62-204.800(8), F.A.C.; NSPS 40 CFR 60 Subpart A; Rule 62-212.400, F.A.C., Prevention of Significant Deterioration; PSD-FL-130; and AC 05-144482 and AC 05-146749.}*

### Operating Parameters

**A.1.** Water Injection. Water injection shall be used for $NO_x$ control. The combustion turbines (CT) shall operate at the minimum water-to-fuel ratios measured for the most recent (satisfactory) compliance demonstration. The compliance test report shall document the required water-to-fuel ratios. [PSD-FL-130]

**A.2.** Diesel Engines for Startup. Both start and black start capability shall be provided by a No. 2 fuel oil fired 800 horsepower (HP) internal combustion diesel engine (for each turbine), projected to run for approximately 10 minutes per start. These diesel engines are expected to emit minimal air emissions (15 lbs $SO_2$/yr./unit). See Insignificant Emissions Units List in the Appendix. [PSD-FL-130; and AC 05-144482, AC 05-146749, and AO 05-176351]

### Essential Potential to Emit (PTE) Parameters

**A.3.** Permitted Capacity. The maximum heat input (lower heating value) to each turbine shall not exceed 445 million British thermal units (MMBtu)/hour, at sea level and 59° Fahrenheit (F). See Appendix ABCD for a plot of heat input versus temperature. [Rules 62-4.160(2), 62-204.800, 62-210.200 (PTE), and 62-212.400, F.A.C.; and AO 05-176351]

**A.4.** Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(2), F.A.C.]

**A.5.** Methods of Operation - Fuels. The only fuels allowed to be burned are No. 2 fuel oil and natural gas. [Rules 62-4.160(2), 62-210.200, Rule 62-213.410, 62-213.440(1), F.A.C.; AC 05-144482 and AC 05-146749.]

**A.6.** Hours of Operation. These emissions units may operate continuously (8,760 hours/year). [Rule 62-210.200(PTE) and 62-213.440, F.A.C.]

### Emission Limitations and Standards

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

Unless otherwise specified, the averaging time(s) for Specific Condition(s) **A.7. - A.8.** are based on the specified averaging time of the applicable test method.

**A.7.** Emissions Limits. The maximum allowable emissions from the turbines in accordance with the BACT determination, shall not exceed the following, at sea level and 59° F:

| Pollutant | Fuel | ppm @ 15% $O_2$ | lb per hr/Unit | TPY per Unit | TPY per 2 Units |
|---|---|---|---|---|---|
| $NO_x$ | Gas | 42 | 75.1 | 328.9 | 658 |
| | Oil | 65 | 118.3 | 518.2 | 1036.5 |
| $SO_2$ | Gas | n/a | 0.34 | 1.5 | 3 |
| | Oil | n/a | 142.7 | 625.0 | 1250 |

[PSD-FL-130; and AC 05-144482 and AC 05-146749.]

**A.8.** Visible Emissions. Visible emissions shall not exceed 5% opacity while burning natural gas or 10% opacity while burning distillate oil, except as provided in Rule 62-210.700, F.A.C., Excess Emissions. [PSD-FL-130; and AC 05-144482 and AC 05-146749.]

**A.9.** Fuel Sulfur Content. To comply with the sulfur emission limits, the sulfur content of the as-fired fuels shall not exceed 0.3 percent, by weight. [Rules 62-4.160(2), 62-210.200, Rule 62-213.410, 62-213.440(1), F.A.C.; AC 05-144482 and AC 05-146749.]

**Excess Emissions**

Rule 62-210.700 (Excess Emissions), F.A.C. cannot vary any requirement of an NSPS, NESHAP or Acid Rain program provision.

**A.10.** Excess Emissions Allowed. See Subsection C, Common Conditions.

**A.11.** Excess Emissions Prohibited. See Subsection C, Common Conditions.

**A.12.** NSPS Excess Emissions Conditions. See Subsection C, Common Conditions.

**A.13.** AC/PSD Established Excess Emissions Conditions. See Subsection C, Common Conditions.

**Monitoring of Operations**

**A.14.** CAM Plan. See Subsection C, Common Conditions.

**Continuous Monitoring Requirements**

**A.15.** CMS Requirements. For the simple cycle unit, the permittee shall install, operate, and maintain a continuous monitoring system (CMS) to monitor and record the fuel consumption, the ratio of water to fuel being fired in the turbine, and the electrical output in MW. [40 CFR 60.334]

**A.16.** COMS for Periodic Monitoring. See Subsection C, Common Conditions.

**Test Methods and Procedures**

*{Permitting Note: The attached Table 2, 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.17.** Test Methods. See Subsection C, Common Conditions.

**A.18.** Common Testing Requirements. See Subsection C, Common Conditions.

**A.19.** Annual Compliance Tests Required. See Subsection C, Common Conditions.

**A.20.** Compliance Tests Prior To Renewal. See Subsection C, Common Conditions.

**Recordkeeping and Reporting Requirements**

**A.21.** Reporting Schedule. See Subsection C, Common Conditions.

**A.22.** Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

**The specific conditions in this section apply to the following emissions unit(s):**

| EU No. | Brief Description |
|---|---|
| 005 | 129 MW Simple Cycle Combustion Turbine C |
| 006 | 129 MW Simple Cycle Combustion Turbine D |

Emissions units 005 and 006 (combustion turbines C and D) consist of simple cycle Westinghouse Model Number 501-D5 combustion turbines, each with a 129 MW rating. The turbines primarily fire natural gas. Distillate oil may be fired during periods of curtailed or uneconomical natural gas supply. Nitrogen oxide emissions are controlled by water injection. Stack parameters (applies to both turbines) are: stack height is 51 feet, exit diameter is 22.12 feet, actual volumetric flow rate is 1,970,269 actual feet per minute (acfm), exit temperature is 1,005 degrees Fahrenheit and exit velocity is 85.5 feet per second. Both turbines began commercial operation on November 1, 1991. These emissions units are subject to compliance assurance monitoring (CAM). See Appendix CAM.

*{Permitting Notes: This emissions unit is regulated under Acid Rain-Phase II, Rule 62-210.300, F.A.C., Permits Required; NSPS - 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, adopted and incorporated by reference in Rule 62-204.800(8)(b)38., F.A.C.; NSPS 40 CFR 60 Subpart A; Rule 62-212.400, F.A.C., Prevention of Significant Deterioration; PSD-FL-173; and AC 05-193720.}*

**Operating Parameters**

**B.1.** Water Injection. Water injection shall be used for $NO_x$ control. The Orlando Utilities Commission (OUC) shall report the water-to-fuel ratios used during testing to demonstrate compliance with the permitted emission rate. The water meters shall be calibrated annually. [PSD-FL-173 and OGC File No. #94-3376-C-05]

**B.2.** Management Practices. The permittee shall conduct its operation of combustion turbines C and D using the Department approved Air Pollution Prevention and Operator's Best Management Practice Training Plan. [OGC File No. #94-3376-C-05]

**B.3.** Training. All watch engineers, control center personnel, plant operators, and apprentice operators, directly involved with the operation of combustion turbines C and D and/or the related monitoring systems shall be trained annually on the approved final plan referenced above. The OUC shall keep documentation of the employee training in the plan on file in the facility records. All watch engineers, control center personnel, plant operators, and apprentice operators, directly involved with the operation of combustion turbines C and D and/or the related monitoring systems shall be trained of these plans prior to their initial operation of combustion turbines C and D. This training shall be documented and filed as provided above. [OGC File No. #94-3376-C-05]

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

**B.4.** Permitted Capacity. For each emissions unit, the maximum heat input (lower heating value) shall not exceed 1,354 MMBtu/hr while firing natural gas or 1,346 MMBtu/hr while firing distillate oil. See Attachment B for a plot of heat input versus temperature. [Rules 62-4.160(2), 62-210.200 (PTE), and 62-212.400, F.A.C.; PSD-FL-173]

**B.5.** Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(2), F.A.C.]

**B.6.** Methods of Operation - Fuels. For each CT, natural gas shall be the primary fuel and No. 2 fuel oil shall be the secondary fuel. For each CT usage rates shall not exceed the following:

a. Maximum No. 2 fuel oil consumption shall not exceed either of the following limitations: 10,282 gals per hour; 22,517,580 gallons per year.

b. Maximum annual firing using No. 2 fuel oil shall not exceed 2,190 hours per year.
c. Maximum sulfur content in the oil shall not exceed 0.3 percent by weight.
d. Maximum annual firing on any fuel combination shall not exceed 4,380 hours per year.

To determine compliance with the capacity factor limitations, each CT unit's fuel consumption shall be continuously measured and recorded. The permittee shall maintain daily records of this fuel usage and the operating hours. All records shall be maintained for a minimum of five years after the date of each record and shall be made available to authorized representatives of the Department upon request.

Any request to a change in the method of operation, equipment or operating hours which would result in an increase in emissions shall be submitted to the Department's Bureau of Air Regulation.
[PSD-FL-173; and Rules 62-4.160(2), 62-210.200, 62-213.440(1), F.A.C.]

**B.7.** Hours of Operation. Each combustion turbine is allowed to operate at full load for a maximum of 4,380 hours per year. The facility is required to keep daily records of the operating hours. [PSD FL-173, Rules 62-210.200 (PTE) and 62-213.440(1)(b)1.b., F.A.C.]

**B.8.** Emissions Increase. Any request to change the method of operation, equipment or operating hours which would result in an increase in emissions shall be submitted to the Department's Bureau of Air Regulation and Central District Office for prior approval. [PSD-FL-173; and AC 05-193720]

**Emission Limitations and Standards**

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

Unless otherwise specified, the averaging times for Specific Conditions **B.9. - B.10.** are based on the specified averaging time of the applicable test method.

**B.9.** Emissions Limits. The maximum allowable emissions from *each* turbine in accordance with the BACT determination, shall not exceed any of the following limitations, at sea level and 59°F:

| Pollutant | Firing Natural Gas | TPY* Firing Gas | Lbs/hour Firing Gas** | Firing No. 2 Fuel Oil | TPY* Firing No.2 Fuel Oil | Lbs/hour Firing No.2 Fuel Oil** | Basis |
|---|---|---|---|---|---|---|---|
| $NO_x$ | 25 ppm @ 15% $O_2$ (dry basis) | 295.75 | 135.0 | 42ppmv @15% $O_2$ (dry basis) | 253 | 231.1 | BACT |
| $SO_2$ | 0.3% by weight | 1.05 | 0.5 | 0.3% by weight | 476.5 | 435.2 | BACT |
| PM/PM10 | 0.003 lb/MMBtu | 9.75 | 4.5 | 0.08 lb/MMBtu | 118.5 | 108.2 | Perf. Data |
| VOC | 5 ppmvd | 18.5 | 8.4 | 15 ppmvd | 56 | 51.1 | Perf. Data |
| CO | 25 ppmvd | 156.5 | 71.5 | 25 ppmvd | 79.5 | 72.6 | Perf. Data |
| $SO_2$ Mist (SAM) | Natural gas as fuel | 0.035 | 0.02 | Low sulfur oil | 14.25 | 13.0 | Perf. Data |

* Emission rates for each 129 MW turbine are based on a 50 percent capacity factor with a maximum of 25 percent attributed to oil firing.
** Requested by applicant.

Since the pollutants mercury, lead, and beryllium are an inherent constituent in distillate fuel oil, they will be regulated by specifying that only No. 2 fuel oil be fired at this facility in addition to natural gas.
[AC 05-193720, AO 05-229084, and applicant request.]

**B.10.** Visible Emissions. Visible emissions shall never exceed 20 percent opacity and shall not exceed 10 percent opacity during full load, except as provided in Rule 62-210.700, F.A.C., Excess Emissions. EPA Method 9 shall be used to demonstrate compliance. [AC 05-193720]

**B.11.** Volatile Organic Compounds. Compliance with the total volatile organic compound emission limits will be assumed, provided the CO allowable emission rate is achieved; specific VOC compliance testing is not required. [PSD-FL-173]

**B.12.** Fuel Sulfur Content. To comply with the sulfur emission limits, the sulfur content of the as-fired fuels shall not exceed 0.3 percent, by weight. [PSD-FL-173; and Rules 62-4.160(2), 62-210.200, 62-213.440(1), F.A.C.,

**Excess Emissions**

Rule 62-210.700 (Excess Emissions), F.A.C. cannot vary any requirement of an NSPS, NESHAP or Acid Rain program provision.

**B.13.** Excess Emissions Allowed. See Subsection C, Common Conditions.

**B.14.** Excess Emissions Prohibited. See Subsection C, Common Conditions.

**B.15.** NSPS Excess Emissions Conditions. See Subsection C, Common Conditions.

**B.16.** AC/PSD Established Excess Emissions Conditions. See Subsection C, Common Conditions.

**Monitoring of Operations**

**B.17.** CAM Plan. See Subsection C, Common Conditions.

**Continuous Monitoring Requirements**

**B.18.** CMS Requirements. For the simple cycle units, the permittee shall operate, and maintain a continuous monitoring system (CMS) to monitor and record the fuel consumption, the ratio of water to fuel being fired in the turbine, and the electrical output in MW. [40 CFR 60.334]

**B.19.** COMS for Periodic Monitoring. See Subsection C, Common Conditions.

**Test Methods and Procedures**

*{Permitting Note: The attached Table 2, 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.20.** Test Methods. See Subsection C, Common Conditions.

**B.21.** Common Testing Requirements. See Subsection C, Common Conditions.

**B.22.** Annual Compliance Tests Required. See Subsection C, Common Conditions.

**B.23.** Compliance Tests Prior To Renewal. See Subsection C, Common Conditions.

**B.24.** Emissions Testing. Testing of emissions shall be conducted with the turbines operating at capacity (maximum heat input rate for the inlet air temperature of the CT during the test). Capacity is defined as 90-100 percent of the manufacturer's rated heat input achievable for the average ambient (or conditioned inlet) air temperature during the test. If it is impracticable to test at capacity, then the combustion turbine may be tested at less than capacity. In such case, the entire heat input versus inlet temperature curve (reference Appendix ABCD) will be adjusted down by the increment equal to the difference between the design heat input value and 110 percent of the value reached during the test. Data, curves, and calculations necessary to demonstrate the heat input rate correction at both design and test conditions shall be submitted to the Department with the compliance test report. Test results will be the average of three valid one-hour runs. [AC 05-193720; and PSD-FL-173]

**B.25.** Carbon Monoxide. EPA Method 10 shall be used to show compliance with the CO emission limits on an annual basis. [PSD-FL-173 and OGC File No. #94-3376-C-05]

**Recordkeeping and Reporting Requirements**

**B.26.** Reporting Schedule. See Subsection C, Common Conditions.

**B.27.** Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

**Subsection C. The specific conditions in this section apply to the following emissions units:**

| EU No. | Brief Description |
|---|---|
| 004 | 35 MW Simple Cycle Combustion Turbine A |
| 005 | 129 MW Simple Cycle Combustion Turbine C |
| 006 | 129 MW Simple Cycle Combustion Turbine D |
| 007 | 35 MW Simple Cycle Combustion Turbine B |

**Federal Regulations**

**C.1.** NSPS Subpart GG. These emissions units are subject to all applicable requirements of NSPS - 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines. [PSD-FL-130 and PSD-FL-173]

**Excess Emissions**

**C.2.** Excess Emissions Permitted. Excess emissions resulting from 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 Permitted. 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 Prohibited. 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.]

**C.5.** Excess Emissions Defined. For the purpose of reports required under 40 CFR 60.7, periods of excess emissions that shall be reported are defined as follows:

a. *Nitrogen oxides*. Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with 40 CFR 60.332 by the performance test required in 40 CFR 60.8 or any period during which the fuel-bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel-bound nitrogen allowance used during the performance test required in 40 CFR 60.8. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, gas turbine load, and nitrogen content of the fuel during the period of excess emissions, and the graphs or figures developed under 40 CFR 60.335(a).

b. *Sulfur dioxide*. Any daily period during which the sulfur content of the fuel being fired in the gas turbine exceeds 0.3 percent.

[40 CFR 60.334; PSD-FL-130 and PSD-FL-173]

**Monitoring of Operations**

**C.6.** CAM Plan. These emissions units are subject to the Compliance Assurance Monitoring (CAM) requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), F.A.C. [40 CFR 64; Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C.]

**Continuous Monitoring Requirements**

**C.7.** COMS for Periodic Monitoring. OUC shall have installed continuous opacity monitoring systems (COMS) pursuant to 40 CFR Part 75. OUC shall maintain and operate the COMS and shall make and

maintain records of opacity measured by the COMS, for purposes of periodic monitoring. [Rule 62-213.440, F.A.C., and applicant request]

**Test Methods & Procedures**

*{Permitting Note: The attached Table 2, 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.8.** Test Methods. Required tests shall be performed in accordance with the following reference methods:

| Method | Description of Method and Comments |
|---|---|
| 1-4 | Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content |
| 5 | Method for Determining Particulate Matter Emissions (All PM is assumed to be $PM_{10}$.) |
| 6 | Determination of Sulfur Dioxide Emissions |
| 8 | Determination of Sulfuric Acid Mist Emissions |
| 9 | Visual Determination of the Opacity of Emissions from Stationary Sources |
| 10 | Determination of Carbon Monoxide Emissions from Stationary Sources<br>{Note: The method shall be based on a continuous sampling train.} |
| 18 | Determination of Volatile Organic Compounds Emissions |
| 20 | Determination of Nitrogen Oxides, Sulfur Dioxide and Diluent Emissions from Stationary Gas Turbines |
| 25 | Determination of Volatile Organic Compounds Emissions |
| | ASTM Method for sulfur in fuel as specified in 40 CFR 60, Subpart GG to determine $SO_2$ Emissions |

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [40 CFR 60, Subpart GG, 62-297.401, F.A.C.; PSD-FL-130 and PSD-FL-173]

**C.9.** Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.]

**C.10.** Annual Compliance Tests Required. During each federal fiscal year (October 1st to September 30th), all four combustion turbines shall be tested to demonstrate compliance with the emissions standards for visible emissions and nitrogen oxides. In addition, combustion turbines C and D shall also be tested for carbon monoxide annually. [Rule 62-297.310(7), F.A.C.; and, Permit Nos. PSD-FL-130 and PSD-FL-173]

**C.11.** Compliance Tests Prior To Renewal. Compliance tests shall be performed for visible emissions, sulfur dioxide and nitrogen oxides for combustion turbines A and B once every 5 years. Compliance tests shall be performed for visible emissions, particulate matter, carbon monoxide, sulfur dioxide, nitrogen oxides, volatile organic compounds and SAM for combustion turbines C and D once every 5 years. The tests shall occur prior to obtaining a renewed operating permit to demonstrate compliance with the emission limits in Specific Conditions **A.7. – A.8.** and **B.8. – B.10.** The Department shall not require submission of 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 and/or solid fuel for a total of no more than 400 hours. [Rules 62-210.300(2)(a) and 62-297.310(7)(a), F.A.C.]

**C.12.** $NO_x$ Compliance. Annual $NO_x$ compliance tests shall be performed with natural gas. Annual $NO_x$ compliance tests shall be performed with fuel oil if it is used for more than 170 hours per unit for combustion turbines A and B in the preceding 12 month period, and for more than 400 hours per unit for combustion turbines C and D in the preceding 12 month period. Testing of emissions shall be conducted at 90-100% of the manufacturer's rated heat input based on the average ambient air temperature during the test. [Permit Nos. PSD-FL-130 and PSD-FL-173]

**Recordkeeping and Reporting Requirements**

**C.13.** Department Notification. OUC shall give written notification to the Department when there is any modification to this facility. This notice shall be submitted timely and in advance of any critical date involved to allow sufficient time for review, discussion, and revision of plans, if necessary. Such notice shall include, but not be limited to, information describing the precise nature of the change; modifications to any emission control system; production capacity of the facility before and after the change; and, the anticipated completion date of the change. [40 CFR 60.8(d); and PSD-FL-130 and PSD-FL-173]

Operated by: Orlando Utilities Commission
ORIS Code: 683

The emissions units listed below are regulated under Acid Rain, Phase II.

| E.U. ID No. | EPA Unit ID # | Brief Description |
|---|---|---|
| 005 | XXC | 129 MW Simple Cycle Combustion Turbine C |
| 006 | XXD | 129 MW Simple Cycle Combustion Turbine D |

**A.1.** Application. The Phase II Acid Rain Part application submitted for this facility, as approved by the Department, is a part of this permit. The owners and operators of these Phase II acid rain units 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), dated May 13, 2009, received on May 21, 2009.
[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

**A.2.** Sulfur Dioxide ($SO_2$) Emission Allowances. $SO_2$ 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.
a. 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.
b. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
c. Allowances shall be accounted for under the Federal Acid Rain Program.
[Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]

**A.3.** Comments. Comments, notes, and justifications: None.

# Acid Rain Part Application

For more information, see instructions and refer to 40 CFR 72.30, 72.31, and 74; and Chapter 62-214, F.A.C.

This submission is: ☐ New ☒ Revised ☐ Renewal

**STEP 1**

**Identify the source by plant name, state, and ORIS or plant code.**

| Plant name | State | ORIS/Plant Code |
|---|---|---|
| INDIAN RIVER PLANT COMBUSTION TURBINES | FL | 683 |

**STEP 2**
**Enter the unit ID# for every Acid Rain unit at the Acid Rain source in column "a."**

**If unit a $SO_2$ Opt-in unit, enter "yes" in column "b".**

**For new units or $SO_2$ Opt-in units, enter the requested information in columns "d" and "e."**

| a | b | c | d | e |
|---|---|---|---|---|
| Unit ID# | $SO_2$ Opt-in Unit? (Yes or No) | Unit will hold allowances in accordance with 40 CFR 72.9(c)(1) | New or $SO_2$ Opt-in Units Commence Operation Date | New or $SO_2$ Opt-in Units Monitor Certification Deadline |
| XXC | No | Yes | | |
| XXD | No | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |
| | | Yes | | |

DEP Form No. 62-210.900(1)(a) – Form
Effective: 3/16/08

1

| | |
|---|---|
| | INDIAN RIVER PLANT |
| Plant Name (from STEP 1) | COMBUSTION TURBINES |

**STEP 3**

**Read the standard requirements.**

Acid Rain Part Requirements.

(1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
(i) Submit a complete Acid Rain Part application (including a compliance plan) under 40 CFR Part 72 and Rules 62-214.320 and 330, F.A.C., in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
(ii) Submit in a timely manner any supplemental information that the DEP determines is necessary in order to review an Acid Rain Part application and issue or deny an Acid Rain Part;
(2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
(i) Operate the unit in compliance with a complete Acid Rain Part application or a superseding Acid Rain Part issued by the DEP; and
(ii) Have an Acid Rain Part.

Monitoring Requirements.

(1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75, and Rule 62-214.420, F.A.C.
(2) The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
(3) The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.
(4) For applications including a $SO_2$ Opt-In unit, a monitoring plan for each $SO_2$ Opt-In unit must be submitted with this application pursuant to 40 CFR 74.14(a). For renewal applications for $SO_2$ Opt-In units include an updated monitoring plan if applicable under 40 CFR 75.53(b).

Sulfur Dioxide Requirements.

(1) The owners and operators of each source and each Acid Rain unit at the source shall:
(i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)), or in the compliance subaccount of another Acid Rain unit at the same source to the extent provided in 40 CFR 73.35(b)(3), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
(ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
(2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
(3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
(i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
(ii) Starting on the later of January 1, 2000, or the deadline for monitor certification under 40 CFR Part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
(4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
(5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
(6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain Part application, the Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
(7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

(1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR Part 77.
(2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
(i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR Part 77; and
(ii) Comply with the terms of an approved offset plan, as required by 40 CFR Part 77.

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the EPA or the DEP:
(i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
(ii) All emissions monitoring information, in accordance with 40 CFR Part 75, provided that to the extent that 40 CFR Part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply;
(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

| Plant Name (from STEP 1) | INDIAN RIVER PLANT COMBUSTION TURBINES |
|---|---|

**STEP 3, Continued.**

Recordkeeping and Reporting Requirements (cont)

(iv) Copies of all documents used to complete an Acid Rain Part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR Part 72, Subpart I, and 40 CFR Part 75.

Liability.

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain Part application, an Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
(4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.
(5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.
(6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 ($NO_x$ averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
(7) Each violation of a provision of 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities.

No provision of the Acid Rain Program, an Acid Rain Part application, an Acid Rain Part, or an exemption under 40 CFR 72.7or 72.8 shall be construed as:
(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
(2) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
(3) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law;
(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
(5) Interfering with or impairing any program for competitive bidding for power supply in a state in which such program is established.

**STEP 4**
**For $SO_2$ Opt-in units only.**

**In column "f" enter the unit ID# for every $SO_2$ Opt-in unit identified in column "a" of STEP 2.**

**For column "g" describe the combustion unit and attach information and diagrams on the combustion unit's configuration.**

**In column "h" enter the hours.**

| f | g | h (not required for renewal application) |
|---|---|---|
| Unit ID# | Description of the combustion unit | Number of hours unit operated in the six months preceding initial application |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DEP Form No. 62-210.900(1)(a) – Form
Effective: 3/16/08

3

| Plant Name (from STEP 1) | INDIAN RIVER PLANT COMBUSTION TURBINES |
|---|---|

**STEP 5**

**For $SO_2$ Opt-in units only.**
**(Not required for $SO_2$ Opt-in renewal applications.)**

**In column "i" enter the unit ID# for every $SO_2$ Opt-in unit identified in column "a" (and in column "f").**

**For columns "j" through "n," enter the information required under 40 CFR 74.20-74.25 and attach all supporting documentation required by 40 CFR 74.20-74.25.**

| i | j | k | l | m | n |
|---|---|---|---|---|---|
| Unit ID# | Baseline or Alternative Baseline under 40 CFR 74.20 (mmBtu) | Actual $SO_2$ Emissions Rate under 40 CFR 74.22 (lbs/mmBtu) | Allowable 1985 $SO_2$ Emissions Rate under 40 CFR 74.23 (lbs/mmBtu) | Current Allowable $SO_2$ Emissions Rate under 40 CFR 74.24 (lbs/mmBtu) | Current Promulgated $SO_2$ Emissions Rate under 40 CFR 74.25 (lbs/mmBtu) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**STEP 6**

**For $SO_2$ Opt-in units only.**

**Attach additional requirements, certify and sign.**

A. If the combustion source seeks to qualify for a transfer of allowances from the replacement of thermal energy, a thermal energy plan as provided in 40 CFR 74.47 for combustion sources must be attached.
B. A statement whether the combustion unit was previously an affected unit under 40 CFR 74.
C. A statement that the combustion unit is not an affected unit under 40 CFR 72.6 and does not have an exemption under 40 CFR 72.7, 72.8, or 72.14.
D. Attach a complete compliance plan for $SO_2$ under 40 CFR 72.40.
E. The designated representative of the combustion unit shall submit a monitoring plan in accordance with 40 CFR 74.61. For renewal application, submit an updated monitoring plan if applicable under 40 CFR 75.53(b).
F. The following statement must be signed by the designated representative or alternate designated representative of the combustion source: "I certify that the data submitted under 40 CFR Part 74, Subpart C, reflects actual operations of the combustion source and has not been adjusted in any way."

| Signature | Date |
|---|---|

**STEP 7**

**Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.**

**Certification (for designated representative or alternate designated representative only)**

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

| Name | DENISE M. STALLS | Title | VICE PRESIDENT, ENVIRONMENTAL AFFAIRS |
|---|---|---|---|
| Owner Company Name | ORLANDO UTILITIES COMMISSION | | |
| Phone | (407) 737-4236 | E-mail address | dstalls@ouc.com |
| Signature | Denise M Stalls | Date | 5/13/09 |

DEP Form No. 62-210.900(1)(a) – Form
Effective: 3/16/08

4

**Clean Air Interstate Rule (CAIR).**

**Operated by**: **Orlando Utilities Commission**
**Plant**: Indian River Plant
**ORIS Code**: 683

The emissions units below are regulated under the Clean Air Interstate Rule.

| EU ID No. | EPA Unit ID# | Brief Description |
|---|---|---|
| 004 | A | 35 MW Simple Cycle Combustion Turbine A |
| 007 | B | 35 MW Simple Cycle Combustion Turbine B |
| 005 | XXC | 129 MW Simple Cycle Combustion Turbine C |
| 006 | XXD | 129 MW Simple Cycle Combustion Turbine D |

**1.** Clean Air Interstate Rule Application. The Clean Air Interstate Rule Part Form submitted for this facility is a part of this permit. The owners and operators of these CAIR units as identified in this form must comply with the standard requirements and special provisions set forth in the CAIR Part Form (DEP Form No. 62-210.900(1)(b)) dated March 16, 2008, which is attached at the end of this section. [Chapter 62-213, F.A.C. and Rule 62-210.200, F.A.C.]

# Clean Air Interstate Rule (CAIR) Part

For more information, see instructions and refer to 40 CFR 96.121, 96.122, 96.221, 96.222, 96.321 and 96.322; and Rule 62-296.470, F.A.C.

This submission is: ☐ New ☒ Revised ☐ Renewal

**STEP 1**

**Identify the source by plant name and ORIS or EIA plant code**

| Plant Name: | State: Florida | ORIS or EIA Plant Code: |
|---|---|---|
| INDIAN RIVER PLANT<br>COMBUSTION TURBINES | FL | 683 |

**STEP 2**

**In column "a" enter the unit ID# for every CAIR unit at the CAIR source.**

**In columns "b," "c," and "d," indicate to which CAIR program(s) each unit is subject by placing an "X" in the column(s).**

**For new units, enter the requested information in columns "e" and "f.**

| a | b | c | d | e | f |
|---|---|---|---|---|---|
| Unit ID# | Unit will hold nitrogen oxides ($NO_x$) allowances in accordance with 40 CFR 96.106(c)(1) | Unit will hold sulfur dioxide ($SO_2$) allowances in accordance with 40 CFR 96.206(c)(1) | Unit will hold $NO_x$ Ozone Season allowances in accordance with 40 CFR 96.306(c)(1) | New Units<br>Expected Commence Commercial Operation Date | New Units<br>Expected Monitor Certification Deadline |
| A | X | X | X | | |
| B | X | X | X | | |
| XXC | X | X | X | | |
| XXD | X | X | X | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

DEP Form No. 62-210.900(1)(b) – Form
Effective: 3/16/08

1

| Plant Name (from STEP 1) | INDIAN RIVER PLANT COMBUSTION TURBINES |
|---|---|

**STEP 3**

**Read the standard requirements.**

**CAIR $NO_X$ ANNUAL TRADING PROGRAM**

CAIR Part Requirements.

(1) The CAIR designated representative of each CAIR $NO_X$ source and each CAIR $NO_X$ unit at the source shall:
(i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.122 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
(ii) [Reserved];
(2) The owners and operators of each CAIR $NO_X$ source and each CAIR $NO_X$ unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CC, and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR $NO_X$ source and each CAIR $NO_X$ unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HH, and Rule 62-296.470, F.A.C.
(2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HH, shall be used to determine compliance by each CAIR $NO_X$ source with the following CAIR $NO_X$ Emissions Requirements.

$NO_X$ Emission Requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR $NO_X$ source and each CAIR $NO_X$ unit at the source shall hold, in the source's compliance account, CAIR $NO_X$ allowances available for compliance deductions for the control period under 40 CFR 96.154(a) in an amount not less than the tons of total $NO_X$ emissions for the control period from all CAIR $NO_X$ units at the source, as determined in accordance with 40 CFR Part 96, Subpart HH.
(2) A CAIR $NO_X$ unit shall be subject to the requirements under paragraph (1) of the $NO_X$ Requirements starting on the later of January 1, 2009, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.170(b)(1) or (2) and for each control period thereafter.
(3) A CAIR $NO_X$ allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the $NO_X$ Requirements, for a control period in a calendar year before the year for which the CAIR $NO_X$ allowance was allocated.
(4) CAIR $NO_X$ allowances shall be held in, deducted from, or transferred into or among CAIR $NO_X$ Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FF and GG.
(5) A CAIR $NO_X$ allowance is a limited authorization to emit one ton of $NO_X$ in accordance with the CAIR $NO_X$ Annual Trading Program. No provision of the CAIR $NO_X$ Annual Trading Program, the CAIR Part, or an exemption under 40 CFR 96.105 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
(6) A CAIR $NO_X$ allowance does not constitute a property right.
(7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EE, FF, or GG, every allocation, transfer, or deduction of a CAIR $NO_X$ allowance to or from a CAIR $NO_X$ unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR $NO_X$ unit.

Excess Emissions Requirements.

If a CAIR $NO_X$ source emits $NO_X$ during any control period in excess of the CAIR $NO_X$ emissions limitation, then:
(1) The owners and operators of the source and each CAIR $NO_X$ unit at the source shall surrender the CAIR $NO_X$ allowances required for deduction under 40 CFR 96.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR $NO_X$ source and each CAIR $NO_X$ unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
(i) The certificate of representation under 40 CFR 96.113 for the CAIR designated representative for the source and each CAIR $NO_X$ unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.113 changing the CAIR designated representative.
(ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.
(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR $NO_X$ Annual Trading Program.
(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR $NO_X$ Annual Trading Program or to demonstrate compliance with the requirements of the CAIR $NO_X$ Annual Trading Program.
(2) The CAIR designated representative of a CAIR $NO_X$ source and each CAIR $NO_X$ unit at the source shall submit the reports required under the CAIR $NO_X$ Annual Trading Program, including those under 40 CFR Part 96, Subpart HH.

DEP Form No. 62-210.900(1)(b) – Form
Effective: 3/16/08

2

| Plant Name (from STEP 1) | INDIAN RIVER PLANT<br>COMBUSTION TURBINES |
|---|---|

**STEP 3, Continued**

Liability.

(1) Each CAIR $NO_X$ source and each CAIR $NO_X$ unit shall meet the requirements of the CAIR $NO_X$ Annual Trading Program.
(2) Any provision of the CAIR $NO_X$ Annual Trading Program that applies to a CAIR $NO_X$ source or the CAIR designated representative of a CAIR
$NO_X$ source shall also apply to the owners and operators of such source and of the CAIR $NO_X$ units at the source.
(3) Any provision of the CAIR $NO_X$ Annual Trading Program that applies to a CAIR $NO_X$ unit or the CAIR designated representative of a CAIR $NO_X$ unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR $NO_X$ Annual Trading Program, a CAIR Part, or an exemption under 40 CFR 96.105 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR $NO_X$ source or CAIR $NO_X$ unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**CAIR $SO_2$ TRADING PROGRAM**

CAIR Part Requirements.

(1) The CAIR designated representative of each CAIR $SO_2$ source and each CAIR $SO_2$ unit at the source shall:
(i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.222 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
(ii) [Reserved];
(2) The owners and operators of each CAIR $SO_2$ source and each CAIR $SO_2$ unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CCC, for the source and operate the source and each CAIR unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR $SO_2$ source and each $SO_2$ CAIR unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96 ,Subpart HHH, and Rule 62-296.470, F.A.C.
(2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHH, shall be used to determine compliance by each CAIR $SO_2$ source with the following CAIR $SO_2$ Emission Requirements.

$SO_2$ Emission Requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR $SO_2$ source and each CAIR $SO_2$ unit at the source shall hold, in the source's compliance account, a tonnage equivalent in CAIR $SO_2$ allowances available for compliance deductions for the control period, as determined in accordance with 40 CFR 96.254(a) and (b), not less than the tons of total sulfur dioxide emissions for the control period from all CAIR $SO_2$ units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHH.
(2) A CAIR $SO_2$ unit shall be subject to the requirements under paragraph (1) of the Sulfur Dioxide Emission Requirements starting on the later of January 1, 2010 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.270(b)(1) or (2) and for each control period thereafter.
(3) A CAIR $SO_2$ allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the $SO_2$ Emission Requirements, for a control period in a calendar year before the year for which the CAIR $SO_2$ allowance was allocated.
(4) CAIR $SO_2$ allowances shall be held in, deducted from, or transferred into or among CAIR $SO_2$ Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFF and GGG.
(5) A CAIR $SO_2$ allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR $SO_2$ Trading Program. No provision of the CAIR $SO_2$ Trading Program, the CAIR Part, or an exemption under 40 CFR 96.205 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
(6) A CAIR $SO_2$ allowance does not constitute a property right.
(7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart FFF or GGG, every allocation, transfer, or deduction of a CAIR $SO_2$ allowance to or from a CAIR $SO_2$ unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR $SO_2$ unit.

Excess Emissions Requirements.

If a CAIR $SO_2$ source emits $SO_2$ during any control period in excess of the CAIR $SO_2$ emissions limitation, then:
(1) The owners and operators of the source and each CAIR $SO_2$ unit at the source shall surrender the CAIR $SO_2$ allowances required for deduction under 40 CFR 96.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAA, the Clean Air Act, and applicable state law.

| Plant Name (from STEP 1) | INDIAN RIVER PLANT COMBUSTION TURBINES |
|---|---|

**STEP 3, Continued**

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR $SO_2$ source and each CAIR $SO_2$ unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Department or the Administrator.

(i) The certificate of representation under 40 CFR 96.213 for the CAIR designated representative for the source and each CAIR $SO_2$ unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.213 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HHH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR $SO_2$ Trading Program.

(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR $SO_2$ Trading Program or to demonstrate compliance with the requirements of the CAIR $SO_2$ Trading Program.

(2) The CAIR designated representative of a CAIR $SO_2$ source and each CAIR $SO_2$ unit at the source shall submit the reports required under the CAIR $SO_2$ Trading Program, including those under 40 CFR Part 96, Subpart HHH.

Liability.

(1) Each CAIR $SO_2$ source and each CAIR $SO_2$ unit shall meet the requirements of the CAIR $SO_2$ Trading Program.

(2) Any provision of the CAIR $SO_2$ Trading Program that applies to a CAIR $SO_2$ source or the CAIR designated representative of a CAIR $SO_2$ source shall also apply to the owners and operators of such source and of the CAIR $SO_2$ units at the source.

(3) Any provision of the CAIR $SO_2$ Trading Program that applies to a CAIR $SO_2$ unit or the CAIR designated representative of a CAIR $SO_2$ unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR $SO_2$ Trading Program, a CAIR Part, or an exemption under 40 CFR 96.205 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR $SO_2$ source or CAIR $SO_2$ unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**CAIR $NO_x$ OZONE SEASON TRADING PROGRAM**

CAIR Part Requirements.

(1) The CAIR designated representative of each CAIR $NO_X$ Ozone Season source and each CAIR $NO_X$ Ozone Season unit at the source shall:

(i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.322 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and

(ii) [Reserved];

(2) The owners and operators of each CAIR $NO_X$ Ozone Season source required to have a Title V operating permit or air construction permit, and each CAIR $NO_X$ Ozone Season unit required to have a Title V operating permit or air construction permit at the source shall have a CAIR Part included in the Title V operating permit or air construction permit issued by the DEP under 40 CFR Part 96, Subpart CCCC, for the source and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR $NO_X$ Ozone Season source and each CAIR $NO_X$ Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHHH, and Rule 62-296.470, F.A.C.

(2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHHH, shall be used to determine compliance by each CAIR $NO_X$ Ozone Season source with the following CAIR $NO_X$ Ozone Season Emissions Requirements.

$NO_X$ Ozone Season Emission Requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR $NO_X$ Ozone Season source and each CAIR $NO_X$ Ozone Season unit at the source shall hold, in the source's compliance account, CAIR $NO_X$ Ozone Season allowances available for compliance deductions for the control period under 40 CFR 96.354(a) in an amount not less than the tons of total $NO_X$ emissions for the control period from all CAIR $NO_X$ Ozone Season units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHHH.

(2) A CAIR $NO_X$ Ozone Season unit shall be subject to the requirements under paragraph (1) of the $NO_X$ Ozone Season Emission Requirements starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.370(b)(1),(2), or (3) and for each control period thereafter.

(3) A CAIR $NO_X$ Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the $NO_X$ Ozone Season Emission Requirements, for a control period in a calendar year before the year for which the CAIR $NO_X$ Ozone Season allowance was allocated.

(4) CAIR $NO_X$ Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR $NO_X$ Ozone Season Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFFF and GGGG.

(5) A CAIR $NO_X$ Ozone Season allowance is a limited authorization to emit one ton of $NO_X$ in accordance with the CAIR $NO_X$ Ozone Season Trading Program. No provision of the CAIR $NO_X$ Ozone Season Trading Program, the CAIR Part, or an exemption under 40 CFR 96.305 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.

(6) A CAIR $NO_X$ Ozone Season allowance does not constitute a property right.

(7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EEEE, FFFF or GGGG, every allocation, transfer, or deduction of a CAIR $NO_X$ Ozone Season allowance to or from a CAIR $NO_X$ Ozone Season unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR $NO_X$ Ozone Season unit.

DEP Form No. 62-210.900(1)(b) – Form
Effective: 3/16/08

4

| Plant Name (from STEP 1) | INDIAN RIVER PLANT COMBUSTION TURBINES |
|---|---|

**STEP 3, Continued**

Excess Emissions Requirements.

If a CAIR $NO_X$ Ozone Season source emits $NO_X$ during any control period in excess of the CAIR $NO_X$ Ozone Season emissions limitation, then:
(1) The owners and operators of the source and each CAIR $NO_X$ Ozone Season unit at the source shall surrender the CAIR $NO_X$ Ozone Season allowances required for deduction under 40 CFR 96.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAAA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR $NO_X$ Ozone Season source and each CAIR $NO_X$ Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
(i) The certificate of representation under 40 CFR 96.313 for the CAIR designated representative for the source and each CAIR $NO_X$ Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.113 changing the CAIR designated representative.
(ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HHHH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HHHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.
(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR $NO_X$ Ozone Season Trading Program.
(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR $NO_X$ Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR $NO_X$ Ozone Season Trading Program.
(2) The CAIR designated representative of a CAIR $NO_X$ Ozone Season source and each CAIR $NO_X$ Ozone Season unit at the source shall submit the reports required under the CAIR $NO_X$ Ozone Season Trading Program, including those under 40 CFR Part 96, Subpart HHHH.

Liability.

(1) Each CAIR $NO_X$ Ozone Season source and each CAIR $NO_X$ Ozone Season unit shall meet the requirements of the CAIR $NO_X$ Ozone Season Trading Program.
(2) Any provision of the CAIR $NO_X$ Ozone Season Trading Program that applies to a CAIR $NO_X$ Ozone Season source or the CAIR designated representative of a CAIR $NO_X$ Ozone Season source shall also apply to the owners and operators of such source and of the CAIR $NO_X$ Ozone Season units at the source.
(3) Any provision of the CAIR $NO_X$ Ozone Season Trading Program that applies to a CAIR $NO_X$ Ozone Season unit or the CAIR designated representative of a CAIR $NO_X$ Ozone Season unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR $NO_X$ Ozone Season Trading Program, a CAIR Part, or an exemption under 40 CFR 96.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR $NO_X$ Ozone Season source or CAIR $NO_X$ Ozone Season unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**STEP 4**

**Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.**

**Certification (for designated representative or alternate designated representative only)**

**I am authorized to make this submission on behalf of the owners and operators of the CAIR source or CAIR units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.**

| | |
|---|---|
| Name DENISE M. STALLS | Title VICE PRESIDENT, ENVIRONMENTAL AFFAIRS |
| Owner Name ORLANDO UTILITIES COMMISSION | Company |
| Phone (407)737-4236 | E-mail Address dstalls@ouc.com |
| Signature Denise M. Stalls | Date 5-13-09 |

DEP Form No. 62-210.900(1)(b) – Form
Effective: 3/16/08

5

## SECTION VI. APPENDICES.

**The Following Appendices Are Enforceable Parts of This Permit:**

Appendix A, Glossary.
Appendix ABCD, Heat Input vs. Temperature Plots for Combustion Turbines A, B, C and D.
Appendix CAM, Compliance Assurance Monitoring Plan.
Appendix I, List of Insignificant Emissions Units and/or Activities.
Appendix NSPS, Subpart A – General Provisions.
Appendix NSPS, Subpart GG.
Appendix RR, Facility-wide Reporting Requirements.
Appendix TR, Facility-wide Testing Requirements.
Appendix TV, Title V General Conditions.
Appendix U, List of Unregulated Emissions Units and/or Activities.

## REFERENCED ATTACHMENTS.

**The Following Attachments Are Included for Applicant Convenience:**

Figure 1, Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance (40 CFR 60, July, 1996).
Table H, Permit History.
Table 1, Summary of Air Pollutant Standards and Terms.
Table 2, Compliance Requirements.