

Memorandum

Florida Department of Environmental Protection

TO: Michael G. Cooke

THRU: Trina Vielhauer 
Jeff Koerner

FROM: Michael P. Halpin 

DATE: June 24, 2005

SUBJECT: Seminole Electric Cooperative, Inc.
Payne Creek Peaker Project

Attached for approval and signature is the final PSD permit for the subject facility.

As you are aware, much of what is contained in this permit is the result of lengthy settlement discussions between FDEP and SECI. Accordingly, proper deference was given to SECI's responses to EPA's comments, in making the Final Determination.

I recommend your approval and signature.

Attachments

/mph

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT

In the Matter of an
Application for Permit by:

Seminole Electric Cooperative, Inc.
16313 North Dale Mabry Highway
Tampa, FL 33688-2000

Permit PSD-FL-344; 0490340-003-AC
Power Plant Siting Case No. PA 89-25
Payne Creek Generating Station

Enclosed is the Final Permit Number PSD-FL-344. This permit authorizes Seminole Electric Cooperative, Inc. to construct approximately 300 MW of peaking power at the existing Payne Creek Generating Station, located in Hardee County. This permit is issued pursuant to Chapter 403, Florida Statutes and 40CFR52.21.

Any party to this order (permit) has the right to seek judicial review of the permit 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 Legal Office; 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 (thirty) days from the date this Notice is filed with the Clerk of the Department.

In addition to the appeal process described above, federal appeals procedures concerning this PSD permit are outlined in 40CFR 124.19. Any person who filed comments on the draft permit may petition the Environmental Appeals Board to review any condition of the permit decision. Any person who failed to file comments on the draft permit may petition for administrative review only to the extent of the changes from the draft to the final permit decision.

The petition must be filed with the Environmental Appeals Board within 30 days of issuance of this Notice. Petitions may be addressed to the Environmental Appeals Board, MC 1103B, U.S. Environmental Protection Agency, 401 M Street, Washington, D.C. 20460. Further details are available at www.epa.gov/eab.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail* and copies were mailed by U.S. Mail before the close of business on 6/29/05 to the person(s) listed:

Michael P. Opalinski, SECI *

Mike Roddy, SECI

Jim Frauen, SECI

Tom Davis, ECT

Joel Smolen, DEP-SWD

Hamilton Oven, DEP-Siting

Jim Little, EPA Region 4

Gregg Worley, EPA Region 4

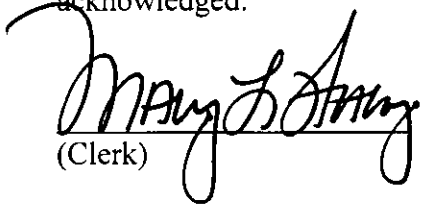
John Bunyak, NPS

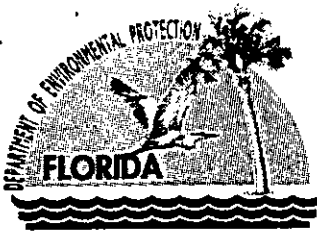
William H. Green, HG&S

Clerk Stamp

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


(Clerk) 6/29/05
(Date)



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

PERMITTEE:

Seminole Electric Cooperative, Inc.
Payne Creek Generating Station
6697 County Road 663
Bowling Green, FL 33834

Authorized Representative:

Mr. Michael P. Opalinski
Vice President of Technical Services

ARMS Permit No.	0490340-003-AC
PSD Permit No.	PSD-FL-344
Facility ID No.	0490340
SIC No.	4911
Expires:	December 31, 2007 [PA 89-25]

PROJECT AND LOCATION

This permit is issued pursuant to the requirements for the Prevention of Significant Deterioration of Air Quality (PSD Permit). The proposed project authorizes the installation of five combustion turbine sets, complete with electrical generator sets. The gas turbines are capable of producing a nominal 300 MW of electricity.

The project will be located at the existing Payne Creek Generating Station, located in Hardee County. UTM coordinates for this facility are Zone 17; 405.049 km E; 3057.712 km N.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.) and 40 CFR 52.21. The permittee is authorized to install the proposed equipment in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

APPENDICES

The following Appendices are attached as part of this permit.

Attachment CS - Compliance Spreadsheet
Appendix GC - Construction Permit General Conditions

Michael G. Cooke, Director
Division of Air Resource Management

Date:

"More Protection, Less Process"

Printed on recycled paper.

SECTION I. FACILITY INFORMATION

FACILITY DESCRIPTION

Completion of this project will result in the installation of five new electric power generator sets, capable of providing a nominal 300 MW of electrical power.

NEW EMISSIONS UNITS

The proposed project will result in the following new emissions units.

Emissions Unit No.	Emissions Unit Description
005 - 009	Pratt & Whitney Twin Pac Combustion Turbines each representing approximately 60 megawatts of peaking power.

REGULATORY CLASSIFICATION

HAPs: This facility is a synthetic minor source of hazardous air pollutants (Title III) and the permittee maintains that the synthetic minor status is unaffected by this project.

Acid Rain: This facility is subject to the acid rain provisions of the Clean Air Act (Title IV).

Title V Major Source: This facility is a Title V major source of air pollution.

PSD Major Source: Each pollutant with potential emissions greater than the Significant Emissions Rates specified in Table 62-212.400-2, F.A.C. requires a PSD review. For this project, emissions of NO_x, CO, VOC, PM₁₀ and SO₂ are significant, although CO emissions have been reduced below the PSD significance level (100 TPY) via the application of an oxidation catalyst.

NSPS Sources: The combustion turbines specified in this permit are also subject to regulation under the New Source Performance Standards for Stationary Gas Turbines, 40 CFR 60, Subpart GG.

RELEVANT DOCUMENTS

- Permit application received on 08/27/04
- Intent to Issue Permit package mailed on 05/05/05
- Public Notice published in the *Herald-Advocate* on May 12, 2005 and *Highlands Today* on May 11, 2005
- Proof of publication received on May 26th and May 25th, 2005, respectively.

SECTION II. ADMINISTRATIVE REQUIREMENTS

GENERAL AND ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (DEP), at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400 and phone number 850/488-0114.
2. Compliance Authority: All documents related compliance activities such as reports, tests, and notifications should be submitted to the Air Resources Section of the Southwest District Office, Florida Department of Environmental Protection, 3804 Coconut Palm Drive, Tampa, Florida 323619-8218. The phone number is 813/744-6100 and the fax number is 813/744-6084.
3. Terminology: The terms used in this permit have specific meanings as defined in the applicable chapters of the Florida Administrative Code.
4. General Conditions: The owner and operator are subject to, and shall operate under the attached General Conditions listed in *Appendix GC* of this permit. General Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
5. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403 of the Florida Statutes (F.S.); Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.); and the Title 40, Parts 60, 72, 73, and 75 of the Code of Federal Regulations (CFR), adopted by reference in Rule 62-204.800, F.A.C. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
6. PSD Expiration: Approval to construct shall become invalid if construction is not commenced within 18 months after receipt of such approval, or if construction is discontinued for a period of 18 months or more or if construction is not completed within a reasonable time. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.
7. Permit Expiration: For good cause, the permittee may request that this PSD air construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation at least sixty (60) days prior to the expiration of this permit. [Rules 62-4.070(4), 62-4.080, and 62-210.300(1), F.A.C.]
8. BACT Determination: In conjunction with extension of the 18 month period to commence or continue construction, phasing of the project, or an extension of the permit expiration date, the permittee may be required to demonstrate the adequacy of Best Available Control Technology (BACT) for the source. [Rule 62-212.400(6)(b), F.A.C.]
9. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
10. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
11. Application for Title IV Permit: At least 24 months before the date on which the new unit begins serving an electrical generator greater than 25 MW, the permittee shall submit an application for a Title IV Acid Rain Permit to the Region 4 Office of the U.S. Environmental Protection Agency in Atlanta, Georgia and a copy to the Department's Bureau of Air Regulation in Tallahassee. [40 CFR 72]
12. Title V Permit: This permit authorizes construction of the permitted emissions unit and initial operation to determine compliance with Department rules. A Title V operation permit is required for regular operation of the permitted emission units. The permittee shall apply for and obtain a Title V operation permit in accordance with Rule 62-213.420, F.A.C. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall

SECTION II. ADMINISTRATIVE REQUIREMENTS

be submitted to the Department's Bureau of Air Regulation and a copy to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

This section of the permit addresses the following new emissions units.

E.U. ID No.	COMMON EMISSION UNIT DESCRIPTION
005 - 009	Pratt & Whitney Twin Pac Combustion Turbines each representing approximately 60 megawatts of peaking power.

BACKGROUND

Seminole Electric filed a petition for administrative hearing on the draft permit issued by the Department on February 4, 2005. This subsequent permit is issued as the result of a settlement agreement entered between the Department and the applicant resolving that litigation.

This project involves the installation of 10 Pratt & Whitney FT-8 simple cycle combustion turbines with a nominal rating of 30 MW each. These units will be used for peaking purposes and each will operate less than an equivalent of 2000 hours on gas each year¹.

Both parties recognize this as a unique case. This is the only permit issued by the Department within at least the last five years for simple cycle combustion turbines, used for peaking purposes, that limits operations to an equivalent of 2000 hours on gas each year. As a result of lengthy settlement discussions and the unique aspects of this project, the parties reached a settlement agreement on the NO_x emission limit for gas firing. Therefore, the Department issues this permit with a NO_x emission limit that is equivalent to 20 ppmvd @ 15% oxygen at 2000 hours per year of natural gas operation for this unique project. This project is not precedent for any other simple cycle combustion turbine project as set forth in the Department's technical evaluation dated February 4, 2005.

¹ 500 hours of oil firing was also requested, although the application was structured so as to allow for gas in lieu of oil.

APPLICABLE STANDARDS AND REGULATIONS

1. Prevention of Significant Deterioration: The emission units addressed in this section are subject to a PSD Review for nitrogen oxides (NO_x), sulfur dioxide (SO₂), particulate matter (PM₁₀), Volatile Organic Compounds (VOC) and particulate matter (PM₁₀). [Rule 62-212.400, F.A.C.]
2. NSPS Requirements: The combustion turbines shall comply with all applicable requirements of 40 CFR 60, adopted by reference in Rule 62-204.800(7)(b), F.A.C.
 - (a) **Subpart A, General Provisions**, including:
 - 40 CFR 60.7, Notification and Record Keeping
 - 40 CFR 60.8, Performance Tests
 - 40 CFR 60.11, Compliance with Standards and Maintenance Requirements
 - 40 CFR 60.12, Circumvention
 - 40 CFR 60.13, Monitoring Requirements
 - 40 CFR 60.19, General Notification and Reporting Requirements
 - (b) **Subpart GG, Standards of Performance for Stationary Gas Turbines**: These provisions include a requirement to correct test data to ISO conditions; however, such correction is not used for compliance determinations with the BACT standards.

PERFORMANCE RESTRICTIONS

3. Combustion Turbines: The permittee is authorized to install, tune, operate and maintain five new combustion turbine sets with electrical generators (Pratt & Whitney Twin Pac). Each Twin Pac is designed to produce approximately 60 MW of electrical power. Each Twin Pac is comprised of two combustion turbines, representing (and referred to herein as) a "combustion turbine set". [Applicant Request]
4. Permitted Capacity: The heat input to each combustion turbine set from firing natural gas shall not exceed 635.6 MMBtu per hour based on the following: 100% base load, a higher heating value (HHV) for natural gas and a compressor inlet air temperature of 50° F. The heat input to each combustion turbine set from firing No. 2 fuel oil shall

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

not exceed 576.8 MMBtu per hour based on the following: 100% base load, HHV and a compressor inlet air temperature of 78° F. The permittee shall provide manufacturer's performance curves (or equations) that correct for site conditions to the Permitting and Compliance Authorities within 45 days of completing the initial compliance testing. Heat input rates will vary depending upon compressor conditions and the combustion turbine characteristics. Operating data may be adjusted for the appropriate site conditions in accordance with the performance curves on file with the Department. [Design, Rule 62-210.200, F.A.C. (Definition - PTE)]

5. Simple Cycle, Peaking Operation: Each combustion turbine shall operate only in simple cycle mode not to exceed the permitted hours of operation allowed by this permit. This restriction is based on the permittee's request, which formed the basis of the PSD applicability which resulted in the emission standards specified in this permit. For any request to convert this unit to combined cycle operation by installing/connecting to heat recovery steam generators or changes to the fuel quality or quantity which may cause an increase in short or long-term emissions, the permittee may be required to submit a full PSD permit application complete with a new proposal of the best available control technology as if the unit had never been built. [Rules 62-212.400(2)(g) and 62-212.400(6)(b), F.A.C.]
6. Allowable Fuels: Each combustion turbine shall only be fired with natural gas containing no more than 1 grain of sulfur per 100 dry standard cubic feet of gas (monthly average) and 0.05% sulfur distillate oil (or superior). The permittee shall demonstrate compliance with the fuel sulfur limit by keeping the records specified in this permit. [Applicant Request, Rule 62-210.200, F.A.C. (Definition - PTE)]
7. Hours of Operation: Each Twin Pac shall operate no more than 2000 hours on natural gas and 500 hours on distillate fuel oil, subject to the exceptions defined in Condition III. 17. The permittee shall install, calibrate, operate and maintain a monitoring system to measure and accumulate the hours of operation for each Twin Pac. In the event that any increase to the hours of operation (of any fuel type) is sought prior to December 31, 2010 a construction permit application shall be submitted for the installation of an SCR (consistent with the conditions of this permit) prior to the increase being granted. If an increase from the 2000 hours on natural gas and 500 hours on distillate fuel oil is desired after December 31, 2010, the permittee shall be required to submit a full PSD permit application complete with a new proposal of the best available control technology as if the unit had never been built. [Rule 62-212.400, F.A.C.; Rule 62-212.400(2)(g), F.A.C.; Rule 62-210.200, F.A.C. (PTE)]
8. Operating Procedures: The determinations established by this permit rely on "good operating practices" to minimize emissions. Therefore, all operators and supervisors shall be properly trained to operate and maintain the combustion turbines and pollution control systems in accordance with the guidelines and procedures established by the manufacturer. The training shall include good operating practices as well as methods of minimizing excess emissions. [Applicant Request; Rule 62-4.070(3); Rule 62-212.400, F.A.C.]
9. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the permittee shall notify the Compliance Authority as soon as possible, but at least within one working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; steps being taken to correct the problem and prevent future recurrence; and, where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit or the regulations. [Rule 62-4.130, F.A.C.]

EMISSIONS CONTROLS

10. Unconfined Particulate Emissions: During the construction period, unconfined particulate matter emissions shall be minimized by dust suppressing techniques such as covering, confining, or applying water or chemicals to the affected areas, as necessary. [Rule 62-296.320(4)(c), F.A.C.]
11. Water Injection/Dry Low NO_x Burner Technology: The permittee shall install, calibrate, tune, operate, and maintain a dry low NO_x burner and/or water injection system for each combustion turbine. The system shall be designed and operated so as to ensure that NO_x emissions are sufficient to achieve the NO_x emission limits in Condition III. 17. [Rule 62-212.400, F.A.C.]
12. Oxidation Catalyst: To control CO and VOC emissions, each combustion turbine shall include an oxidation catalyst. [Design and Rule 62-212.400, F.A.C. – escape PSD]

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

13. SCR: Should an SCR be installed to control NO_x emissions, each combustion turbine limit will be 5.0 ppm (gas) and 8.0 ppm (oil). In the event an SCR is not installed, the NO_x limits shall be according to Condition III. 17. The installation of SCR prior to December 31, 2010 shall void the natural gas operating hours limitation in Condition III. 7, and allow for 8760 hours of operation per year, 2400 hours of which may be while firing oil. The ammonia slip rate shall be limited to 5 ppmvd @ 15% O₂. All NO_x limits in this condition are in units of ppmvd corrected to 15% oxygen. [Rule 62-212.400, F.A.C.; Rule 62-210.200, F.A.C. (PTE)]
14. Circumvention: The permittee shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rule 62-210.650, F.A.C.]

EMISSIONS STANDARDS

15. Summary: The following table summarizes the emissions standards for each pollutant and total emissions in lb/hr and TPY (PTE) for informational and convenience purposes only; such standards are not separately enforceable. This table does not supersede any of the terms or conditions of this permit:

Pollutant	Twin Pac Emission Standards (limits)	Emission Equivalents (lb/hr)		Emission Unit (lb/year) ¹	TPY for 5 EU's ¹
		OIL	GAS		
NO _x	lb/hr equiv of 20 ppm (gas), 42 ppmvd (oil) @ 15% O ₂	102.4	51	153,200	383
CO	19.9 TPY ²	2.7	13.1	27,550	68.87
SO ₂	Natural Gas & 0.05% Sulfur oil	29.4	1.8	18,300	45.75
PM ₁₀	VE	14	6	19,000	47.5
VOC	CO as surrogate	9.2	16.6	37,800	94.5

Notes: (1) Assumed 2000 hours of gas operation and 500 hours of oil operation.

(2) Calculated maximum based upon applicant proposed oxidation catalyst at 90% removal efficiency and proposed limit.

16. Carbon Monoxide (CO):

CO emissions from each Twin Pac shall not exceed 19.9 TPY. CO emissions from each combustion turbine shall not exceed 19 ppmvd (gas) nor 7 ppm (oil). The permittee shall demonstrate compliance with these standards by conducting performance tests and emissions monitoring in accordance with EPA Method 10 and the requirements of this permit. In the event that any of these standards are exceeded, the permittee shall take appropriate steps (e.g. perform maintenance, replace catalyst, etc.) in order to reduce CO emissions below the standards, as demonstrated by a subsequent re-test within 60 days of obtaining the results of the exceedance. [Rule 62-212.400(2)(g), F.A.C. (PSD Avoidance)]

17. Nitrogen Oxides (NO_x):

- (a) NO_x emissions from each Twin Pac while firing gas shall be controlled to achieve an equivalent of 20 ppm at full load for 2000 hours per year, which equates to 102,000 lbs over a rolling 12 calendar month period while firing natural gas as per the attached compliance spreadsheet, attachment and incorporated herein as a part of this permit as attachment CS. In the event that during any rolling 12 calendar month period, the NO_x emissions while firing natural gas are in excess of 102,000 lbs, a corresponding "hours limitation" shall apply to that Twin Pac unit for the next calendar month of actual operation. The hours limitation shall be calculated in accordance with attachment CS and will yield an equivalent and off-setting NO_x reduction for the next calendar month of actual operation. This hours limitation adjustment will ensure a truing up of NO_x emissions on a monthly basis. During the next calendar month of actual operation, any hours operated in excess of the calculated hours limitation ("available hours") shall represent a violation of this permit.
- (b) NO_x emissions from each Twin Pac shall not exceed a 64 lb/hr average over any calendar month while firing natural gas
- (c) During any 12 calendar month rolling average period, should the actual NO_x emissions for a Twin Pac unit total less than 102,000 lbs, it shall be permissible for that Twin Pac unit to fire an additional amount of natural gas (over the 2000 hours limitation in Condition III. 7) provided that:

- (1) The 12-month rolling average of 102,000 lbs of NO_x for natural gas firing is not exceeded, and

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

- (2) The allowable hours of oil firing (500 hours per Twin Pac per 12 month period) shall be reduced by one hour for each hour of additional gas firing. In no circumstance shall it be permissible for a Twin Pac to operate over 2500 total hours during any 12 month period.
- (d) NO_x emissions from each combustion turbine shall not exceed 42 ppmvd while firing fuel oil. The compliance averaging time shall be the sampling period specified by the applicable Condition III. 22.(c) compliance method.
- (e) During the initial twelve calendar months of operation, NO_x emissions while firing natural gas shall not exceed 102,000 lbs per Twin Pac, nor 64 lb/hr averaged over any calendar month.
- (f) Compliance with the standard specified herein shall satisfy the NSPS and BACT requirements.
- (g) The permittee shall demonstrate compliance with this standard by conducting performance tests, emissions monitoring and continuous water-to-fuel ratio monitoring in accordance with 40 CFR Part 60 Subpart GG, as well as all other conditions of this permit.
- (h) The attached Compliance Spreadsheet shall be used to calculate NO_x emissions, in accordance with Specific Condition 34.

[Rule 62-212.400, F.A.C.]

18. Particulate Matter (PM/PM₁₀) Sulfur Dioxides (SO₂) and Volatile Organic Compounds (VOC):

- (a) Fuel Specifications. Emissions of PM, PM₁₀, and SO₂ shall be limited by the use of pipeline-quality natural gas containing no more than 1 grain per standard cubic feet, the use of 0.05% Sulfur oil and good combustion techniques as specified in this permit. The permittee shall demonstrate compliance with the fuel sulfur limit by maintaining the records specified by this permit. [Rule 62-212.400, F.A.C. (PSD Applicability)].
- (b) VE Standard. Visible emissions from each combustion turbine shall not exceed 10% opacity, based on a 6-minute average. The permittee shall demonstrate compliance with this standard by conducting tests in accordance with EPA Method 9 and the performance testing requirements of this permit. [Rule 62-212.400, F.A.C. (PSD Applicability)]
- (c) Compliance with the CO standard specified within this permit shall act as a surrogate for the VOC requirements.

EXCESS EMISSIONS

- 19. Excess Emissions Prohibited: Excess emissions caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during startup, shutdown or malfunction, shall be prohibited. In the event that prohibited emissions occur, these emissions shall be included in the calculation of the 12-month rolling averages to demonstrate compliance with the continuous NO_x emissions standard. {Permitting Note: The permittee shall quantify the CO emissions resulting from a typical start-up and include estimated annual emissions in the TPY limitation specified within Specific Condition 16.} [Rule 62-210.700(4), F.A.C.]
- 20. Excess Emissions Allowed: Providing the permittee adheres to best operational practices to minimize the amount and duration of excess emissions, the following conditions shall apply:
 - (a) During startup and shutdown, visible emissions excluding water vapor shall not exceed 20% opacity for more than 2 hours in any 24-hour period. [Design; Rule 62-210.700(1) and (5), F.A.C.]
 - (b) During all startups, shutdowns, and malfunctions, the continuous emissions monitor (water-to-fuel ratio or CEMS) shall monitor and record emissions. However, up to 2 hours of monitoring data during any 24-hour period may be excluded from continuous compliance demonstrations as a result of startups, shutdowns, and documented malfunctions. A documented malfunction means a malfunction that is documented within one working day of detection by contacting the Compliance Authority by telephone, facsimile, or electronic mail. In case of malfunctions, the permittee shall notify the Compliance Authorities within one working day. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Design; Rules 62-210.700(1), (5), and 62-4.130, F.A.C.]
 - (c) The terms "startup" and "shutdown", as used in this permit, shall have the meanings set forth at Rule 62-210.200(246) and (231), respectively.

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

EMISSIONS PERFORMANCE TESTING

21. **Sampling Facilities:** The permittee shall design the combustion turbine stack to accommodate adequate testing and sampling locations in order to determine compliance with the applicable emission limits specified by this permit. Permanent stack sampling facilities shall be installed in accordance with Rule 62-297.310(6), F.A.C. [Rules 62-4.070 and 62-204.800, F.A.C., and 40 CFR 60.40a(b)]
22. **Performance Test Methods:** Compliance tests shall be performed in accordance with the following reference methods as described in 40 CFR 60, Appendix A, and adopted by reference in Chapter 62-204.800, F.A.C.
- (a) EPA Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources;
 - (b) EPA Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources;
 - (c) EPA Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure); or EPA Method 20 - Determination of Oxides of Nitrogen, Sulfur Dioxide and Diluent Emissions from Stationary Gas Turbines; or ASTM D6522-00 Standard Test Method for Determination of Nitrogen Oxides, Carbon Monoxide and Oxygen Concentrations in Emissions from Natural Gas-Fired Reciprocating Engines, Combustion Turbines, Boilers and Process Heaters Using Portable Analyzers, as specified in 40 CFR 60.335;
 - (d) EPA Method 25 or 25A - Determination of Volatile Organic Concentrations. (EPA Method 18 may be conducted to account for the non-regulated methane portion of the VOC emissions); and
 - (e) Conditional Test Method 027 - Measurement of Ammonia Slip; this shall be required in the event that SCR is installed.
- No other test methods may be used for compliance testing unless prior DEP approval is received, in writing, from the DEP Emissions Monitoring Section Administrator in accordance with an alternate sampling procedure specified in Rule 62-297.620, F.A.C.
23. **Test Notification:** The permittee shall notify the Compliance Authority in writing at least 30 days prior to initial NSPS performance tests and at least 15 days prior to any other required tests. [40 CFR 60.7, 40 CFR 60.8 and Rule 62-297.310(7)(a)9., F.A.C.]
24. **Initial Tests Required:** Initial performance tests to demonstrate compliance with the emission standards specified in this permit shall be conducted on each combustion turbine within 60 days after achieving at least 90% of maximum production rate, but not later than 180 days after initial operation of the emissions unit. Initial performance tests shall be conducted for CO, NO_x, VOC, ammonia slip (if SCR installed) and visible emissions while combusting each fuel. Initial NO_x performance tests shall be conducted in accordance with the requirements of NSPS Subpart GG and shall also be converted into units of the NSPS emissions standard. [Rule 62-297.310(7)(a)1., F.A.C.]
25. **Annual Performance Tests:**

- a) To demonstrate compliance with the emission standards specified in this permit, the permittee shall conduct annual performance tests for NO_x, CO, and visible emissions for each combustion turbine on each fuel. VOC emission tests are not required annually provided the CO emission standards are being met. The CO standard shall be demonstrated by the measurement of CO emissions upstream and downstream of the oxidation catalyst and by calculating CO removal efficiency. In the event that the measured removal efficiency is less than or equal to 85%, the Department shall be immediately notified and the oxidation catalyst shall be renewed within 120 calendar days of the test date. Failure to fully comply with this requirement shall represent a violation of this permit. Once the oxidation catalyst is renewed, the Department shall be notified as to the actual date complete. Testing for ammonia slip is required during the first scheduled annual performance tests after the cumulative hours of operation on each combustion turbine exceed 1,500 hours of oil firing or 5,000 hours of gas firing starting from the initial installation of the SCR catalysts. Thereafter, ammonia testing is required during the first scheduled annual performance tests after subsequent cumulative 1,500 hours of oil firing and 5,000 hours of gas firing in each combustion turbine or after regeneration, replacement or addition to the SCR catalyst system. If conducted at permitted capacity, NO_x emissions data collected during the annual NO_x continuous monitor RATA required pursuant to 40 CFR 75 may be substituted for the required annual performance test. Tests required on an annual basis shall

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

be conducted at least once during each federal fiscal year (October 1st to September 30th). In the event that the operation of a combustion turbine is less than 400 hours per year on natural gas or distillate oil, annual testing is not required for that year and that fuel. [Rule 62-297.310(7)(a), F.A.C.]

- b) For purposes of demonstrating ongoing qualification as Low Mass Emission (LME) Units, the permittee shall comply with the procedures outlined in 40 CFR 75.19.
- c) Following 3 years of annual testing for each combustion turbine, the permittee may request a reduction in the testing frequency (including retesting of Appendix E NO_x-to-heat input correlation for each combustion turbine) as set forth below:
 - 1) The permittee shall demonstrate to the Department's satisfaction that a group or groups of combustion turbines are performing identically;
 - 2) No more than three of the ten combustion turbines may be considered as identical for the purposes of grouping, i.e. there shall be no less than 4 total groups;
 - 3) The combustion turbine which is selected for testing within each group will be rotated annually;
 - 4) The operating hour exemption from testing shall not apply to an entire group of combustion turbines, i.e. every group shall be required to demonstrate annual compliance during every federal fiscal year;
 - 5) Should the combustion turbine selected for annual testing within a group fail to comply with any permitted emission standard or trigger an additional requirement within this permit, every combustion turbine within that group shall be considered to have done likewise and shall be treated as such; and
 - 6) The Department reserves the right to discontinue the reduction in testing frequency for annual compliance demonstrations.

[Rule 62-4.070, F.A.C.]

- 26. Tests Prior to Permit Renewal: Prior to renewing the air operation permit, the permittee shall conduct performance tests for CO, NO_x, VOC and visible emissions from each combustion turbine. Testing for ammonia slip meeting the requirements of Condition 25 (above) 'Annual Performance Tests' will satisfy the requirements of this condition. These tests shall be conducted within the 12-month period prior to renewing the air operation permit. For pollutants required to be tested annually, the permittee may submit the most recent annual compliance test to satisfy the requirements of this provision. [Rule 62-297.310(7)(a)3., F.A.C.]
- 27. Tests After Major Repairs or Replacements: The Department may require that additional compliance testing be conducted within 90 days after major repairs or replacements are performed. [Rule 62-297.310(7)(a)4., F.A.C.]
- 28. Combustion Turbine Testing Capacity: Initial performance tests shall be conducted in accordance with 40 CFR 60.8 and 40 CFR 60.335 for pollutants subject to a New Source Performance Standard (NSPS) in Subpart GG for stationary gas turbines. Other required performance tests for compliance with standards specified in this permit shall be conducted with each combustion turbine operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum heat input rate allowed by the permit, corrected for the average ambient air temperature during the test (with 100 percent represented by a curve depicting heat input vs. ambient temperature). If it is impracticable to test at permitted capacity, the source may be tested at less than permitted capacity. However, subsequent operation is limited by adjusting the entire heat input vs. ambient temperature curve downward by an increment equal to the difference between the maximum permitted heat input (corrected for inlet temperature) and 110 percent of the value reached during the test until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity. Emissions performance tests shall meet all applicable requirements of Chapters 62-204 and 62-297, F.A.C. [Rule 62-297.310(2), F.A.C.]
- 29. Calculation of Emission Rate: For each emissions performance test, the indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule. [Rule 62-297.310(3), F.A.C.]
- 30. Applicable Test Procedures:
 - (a) Required Sampling Time.

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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. [Rule 62-297.310(4)(a)1., F.A.C.]
 2. The minimum observation period for a visible emissions compliance test shall be sixty (60) minutes. The observation period shall include the period during which the highest opacity can reasonably be expected to occur. [Rule 62-297.310(4)(a)2., F.A.C.]
 - (b) Minimum Sample Volume. Unless otherwise specified in the applicable rule or test method, the minimum sample volume per run shall be 25 dry standard cubic feet. [Rule 62-297.310(4)(b), F.A.C.]
 - (c) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1, F.A.C. [Rule 62-297.310(4)(d), F.A.C.]
31. 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. [Rule 62-297.310(5)(a), F.A.C.]
 - (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)(b), F.A.C.]
32. 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 shall 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. [Rule 62-297.310(7)(b), F.A.C.]

CONTINUOUS MONITORING REQUIREMENTS

33. NO_x CEMS: The combustion turbines qualify as Low Mass Emission (LME) Units for the purposes of Acid Rain. Accordingly, the permittee has indicated that these emissions units will follow the procedures outlined in 40 CFR 75.19 in lieu of NO_x CEMS. However, should the permittee elect or be otherwise required to install NO_x CEMS, such NO_x monitoring devices shall comply with the requirements of 40 CFR 60.334(b) for 40 CFR Part 75 monitoring systems. A monitoring plan shall be provided to the Department's Emissions Monitoring Section Administrator, EPA Region 4, and the Compliance Authority for review no later than 45 days prior to the first scheduled certification test pursuant to 40 CFR 75.62. The plan shall consist of data on CEM equipment specifications, manufacturer, type, calibration and maintenance needs, and its proposed location. A monitor for carbon dioxide may be used in place of the oxygen monitor, but the system shall be capable of correcting the emissions to 15% oxygen. [Rule 62-212.400, F.A.C. and 40 CFR 75]
34. Water-to-fuel ratio: Each Twin Pac shall be fitted with continuous water to fuel ratio monitoring equipment, as per 40 CFR 75 Appendix E. Appendix E is an alternative monitoring protocol that may be used by oil and gas-fired peaking units in lieu of installing a CEMS to measure NO_x emissions. Hourly NO_x emissions (lbs for natural gas, ppm for oil) shall be correlated to the results of a series of stack tests based on the heat input to the unit at various water-to-fuel injection ratios. Based upon the measured water-to-fuel ratio, and the measured heat input for each fuel, the actual NO_x emissions shall be calculated. With the appropriate load selection, the Subpart GG performance testing may also be utilized to satisfy the NO_x-to-heat input correlation testing requirements of Appendix E. Retesting of Appendix E NO_x-to-heat input correlation for each combustion turbine shall be required annually, except as provided for within Specific Condition 25 of this permit. The permittee shall solicit a list from the turbine manufacturer of at least four operating parameters (indicative of NO_x formation) with acceptable ranges to serve as QA/QC parameters as per Appendix E. The manufacturer supplied ranges for the parameters, shall be used on an hourly basis to establish that the unit is being operated in a normal fashion and, therefore, that the NO_x-to-heat input correlation (by fuel type) can be used with validity. As a further means of ensuring the validity of the Appendix E protocol for determining NO_x

SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

emissions, one of the five Twin Pacs shall be fitted with a NO_x CEMS. The NO_x CEMS which is installed solely for this purpose (rather than one of the purposes outlined in Specific Condition 33 above) shall not be the compliance method, but shall be utilized for the purpose of ensuring that the Appendix E protocol is being properly applied. Annual data (obtained from the above required testing) shall be provided to the Department correlating the CEMS indication to the Appendix E indication.

COMPLIANCE DEMONSTRATIONS

35. Records Retention: All measurements, records, and other data required by this permit shall be documented in a permanent, legible format and retained for at least five (5) years following the date on which such measurements, records, or data are recorded. Records shall be made available to the Department upon request. [Rules 62-4.160(14) and 62-213.440(1)(b)2., F.A.C.]
36. Fuel Records: The permittee shall demonstrate compliance with the fuel sulfur limits for natural gas and fuel oil specified in this permit by maintaining records required by 40 CFR 60.334 and 60.335. [Rules 62-4.070(3) and 62-4.160(15), F.A.C.]
37. Monthly Operations Summary: By the fifth calendar day of each month, the permittee shall record the hours of operation and amount of each fuel fired for each combustion turbine. An hour of operation is defined to include a totalization of every minute within a specified period (e.g. month), during which a permitted fuel is fired (regardless of the amount) divided by 60. The information shall be recorded in a written or electronic log and shall summarize the previous month of operation and the previous 12 months of operation. Information recorded and stored as an electronic file shall be available for inspection and/or printing within at least one day of a request from the Compliance Authority. [Rule 62-4.160(15), F.A.C.]

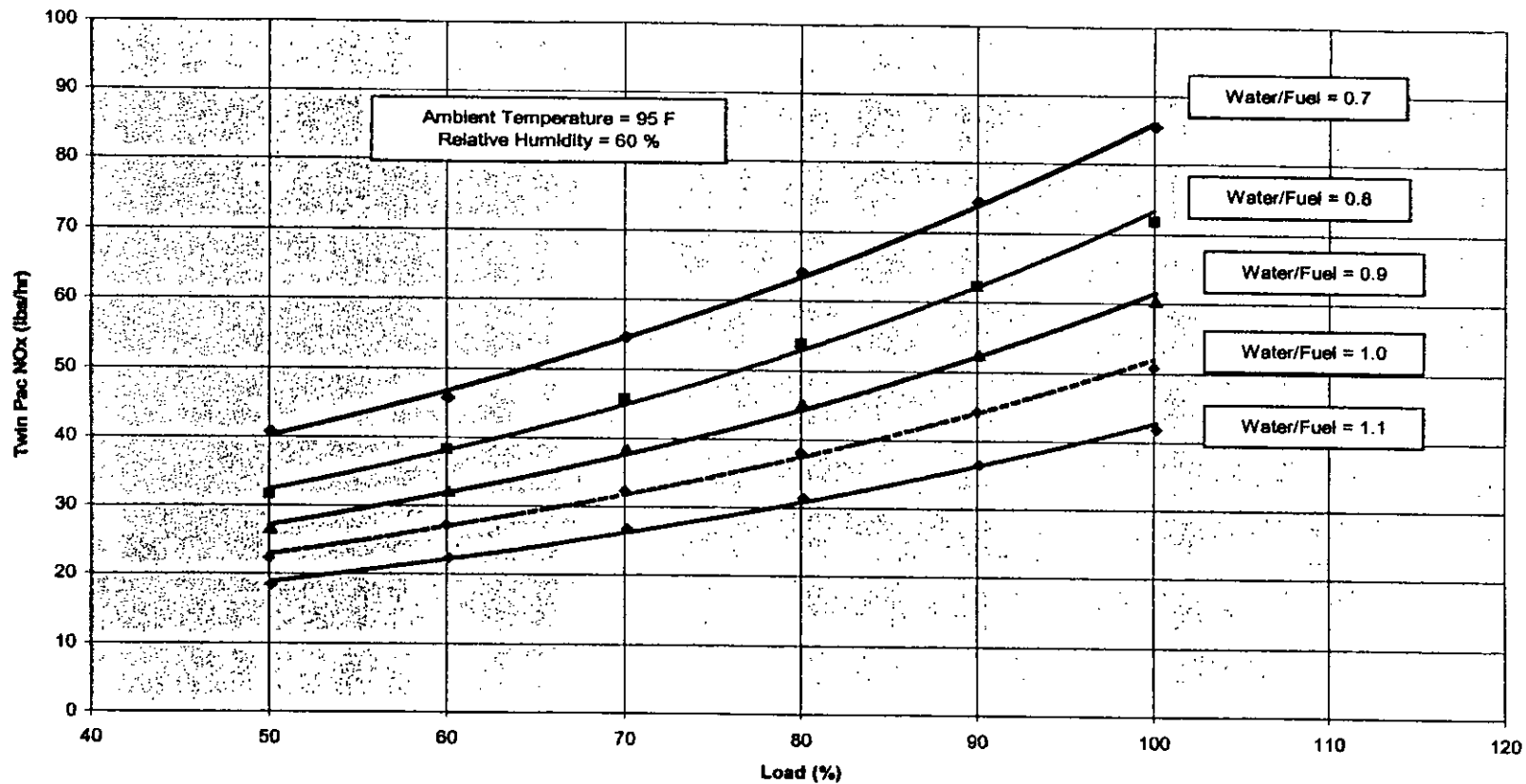
REPORTS

38. Emissions Performance Test Reports: A report indicating the results of any required emissions performance test shall be submitted to the Compliance Authority no later than 45 days after completion of the last test run. The test report shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in Rule 62-297.310(8)(c), F.A.C. [Rule 62-297.310(8), F.A.C.].
39. Excess Emissions Reporting and Semi-annual Reports: If excess NO_x or visible emissions occur due to malfunction, the permittee shall notify the Compliance Authority within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Following the NSPS format in 40 CFR 60.7(c), Subpart A, periods of startup, shutdown and malfunction, shall be monitored, recorded and reported as excess emissions when emission levels exceed the standards specified in this permit. Within thirty (30) days following each calendar semi-annual period, the permittee shall submit a report on any periods of excess emissions that occurred during the previous semi-annual period to the Compliance Authority. [Rules 62-4.130, 62-204.800, 62-210.700(6), F.A.C., and 40 CFR 60.7]
40. 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 March 1st of each year. The Annual Operating Report shall include an estimate of all HAPS emitted, such that the Department can affirm that the facility complies with its synthetic minor status. [Rule 62-210.370(2), F.A.C.]

APPENDIX CS
Compliance Spreadsheet

INPUT 1				INPUT 2							
Month	Monthly hours of gas operation	Monthly NOx emitted (lbs)	Monthly lb/hr	<u>Rolling</u> <u>12 mo.</u> <u>Nox - lbs</u>	<u>Rolling</u> <u>12 mo.</u> <u>hrs oper.</u>	<u>Rolling</u> <u>12 mo.</u> <u>lb/hr</u>	<u>Over - lbs</u> <u>(Under) - lbs</u>	<u>Allowable Lbs</u> <u>12 mo running</u>	<u>Allowable 12</u> <u>Mo. Gas hrs</u>	<u>Used</u> <u>Hours</u>	<u>Next Mo.</u> <u>Avail.</u> <u>Hours</u>
1	0	0	0						NA		
2	0	0	0						NA		
3	0	0	0						NA		
4	0	0	0						NA		
5	0	0	0						NA		
6	0	0	0						NA		
7	0	0	0						NA		
8	0	0	0						NA		
9	0	0	0						NA		
10	0	0	0						NA		
11	0	0	0						NA		
12	0	0	0	0	0	0.0	-102000		NA		
13	0	0	0	0	0	0.0	-102000	102000		0	0
14	0	0	0	0	0	0.0	-102000	102000		0	0
15	0	0	0	0	0	0.0	-102000	102000		0	0
16	0	0	0	0	0	0.0	-102000	102000		0	0
17	0	0	0	0	0	0.0	-102000	102000		0	0
18	0	0	0	0	0	0.0	-102000	102000		0	0
19	0	0	0	0	0	0.0	-102000	102000		0	0
20	0	0	0	0	0	0.0	-102000	102000		0	0
21	0	0	0	0	0	0.0	-102000	102000		0	0
22	0	0	0	0	0	0.0	-102000	102000		0	0
23	0	0	0	0	0	0.0	-102000	102000		0	0
24	0	0	0	0	0	0.0	-102000	102000		0	0
25	0	0	0	0	0	0.0	-102000	102000		0	0
26	0	0	0	0	0	0.0	-102000	102000		0	0
27	0	0	0	0	0	0.0	-102000	102000		0	0
28	0	0	0	0	0	0.0	-102000	102000		0	0
29	0	0	0	0	0	0.0	-102000	102000		0	0
30	0	0	0	0	0	0.0	-102000	102000		0	0

NOx Versus Load (Hot Day, Average Humidity)



APPENDIX GC
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- a) Have access to and copy and records that must be kept under the conditions of the permit;
 - b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- a) A description of and cause of non-compliance; and
 - b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

APPENDIX GC
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

The permittee shall be responsible for any and all damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- a) Determination of Best Available Control Technology (X)
 - b) Determination of Prevention of Significant Deterioration (X); and
 - c) Compliance with New Source Performance Standards (X).
- G.14 The permittee shall comply with the following:
- a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.