

FINAL DETERMINATION

PERMITTEE

Jackson Memorial Hospital
1611 NW 12th Avenue
Miami, FL 33136-1094
Miami-Dade County

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Section
Southeast District Office
400 North Congress Avenue, Suite 200
West Palm Beach, Florida 33401

PROJECT

Air Permit No. 0250232-012-AC
Minor Source Air Construction Permit
Jackson Memorial Hospital

The project allows the facility to replace two of the emergency generator units that comprise Emissions Unit 012. The replacement will consist of two Kato 750 kW generators (Nos. 8 and 9) serving utility centers # 1 and # 2 with two new 2,000 kW Florida Detroit Diesel-Allison generator units.

NOTICE AND PUBLICATION

The Department issued a draft minor source air construction permit package on June 2, 2011. The applicant published the Public Notice in the Miami Herald on June 26, 2011. The Department received proof of publication on July 5, 2011. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

No comments on the Draft Permit were received from the public, the Local Air Program, or the applicant.

CONCLUSION

In conclusion, the permitting authority hereby issues the construction Permit.



Florida Department of Environmental Protection

Southeast District Office
400 N. Congress Avenue, Suite 200
West Palm Beach, FL 33401
561-681-6600

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested
regginald.jordan@jhs-miami.org

PERMITTEE:

Jackson Memorial Hospital
1611 NW 12th Avenue
Miami, FL 33136-1094

| | |
|-----------------------|-----------------------|
| ARMS No. | 0250232 |
| Air Permit No. | 0250232-012-AC |
| Issued: | |
| Expires: | One year after issued |

Authorized Representative:

Mr. Regginald Jordan
Corporate Director of Support Services

Project: On April 19, 2011, Jackson Memorial Hospital submitted an application proposing to keep in operation two existing 25.11 MMBtu per hour Kewanee Scotch Marine Boilers (Model H35-600-G02) at the facility, and seventeen emergency generator units (EU-12) that serve different buildings around the hospital campus.

The construction permit allows the facility to replace two of the emergency generator units that comprise Emissions Unit 012. The replacement will consist of two Kato 750 kW generators (Nos. 8 and 9) serving utility centers # 1 and # 2 with two new 2,000 kW Florida Detroit Diesel-Allison generator units.

In addition, the construction permit approves the conversion of the gas fueled Caterpillar Engine, Model G3516, that provides power to the York International Chiller, Model YGTSDBJ4 (Emission Unit 011). The engine was converted from gas fuel to power by an electric motor. Given that there are no specific emissions standards for electric motors, this emissions unit will not be included in the permit.

LOCATED AT:

Project Location: 1611 NW 12th Avenue, Miami, Miami-Dade County

UTM Coordinates: Zone 17; 578.03 Km. E; 2852.74 Km. N

Latitude: 25°47'32" North / Longitude: 80° 12'50" West

SIC: 8062 [*General Medical and Surgical Hospitals*]

STATEMENT OF BASIS:

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4 and 62-204 through 62-297, and in conformance with all existing regulations of the Florida Department of Environmental Protection. The above named owner or operator is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department, in accordance with the terms and conditions of this permit.

SECTION I. FACILITY HISTORY

April 19, 2011: Department received application for a construction permit.

June 2, 2011: Intent to Issue and Draft permit issued

June 26, 2011: Public Notice of Intent Published

PROJECT DESCRIPTION

Jackson Memorial Hospital operates the existing facility which includes separate buildings on the same campus. The facility obtained a Title V operation permit on September 30, 2005, Permit No. 0250232-009-AV. In this permit, Emissions Unit 006, a Joy Ecolaire 500 TE Incinerator, was included.

On September 29, 2000, the facility dismantled and removed the incinerator from the site. The facility was reclassified from a Title V facility to a synthetic minor facility. As result, a federally enforceable state operation permit (FESOP) was issued on September 9, 2005, Permit No. 0250232-010-AF.

On April 19, 2011, Jackson Memorial Hospital submitted an application proposing to keep in operation two existing 25.11 MMBtu per hour Kewanee Scotch Marine Boilers (Model H35-600-G02) at the facility, and seventeen emergency generator units (EU-12) that serve different buildings around the hospital campus.

The construction permit allows the facility to replace two of the emergency generator units that comprise Emissions Unit 012. The replacement will consist of two Kato 750 kW generators (Nos. 8 and 9) serving utility centers # 1 and # 2 with two new 2,000 kW Florida Detroit Diesel-Allison generator units.

In addition, the construction permit approves the conversion of the gas fueled Caterpillar Engine Model G3516, that provides power to the York International Chiller, Model YGTSDBJ4 (Emission Unit 011). The engine was converted from gas fuel to power by an electric motor. Given that there are no specific emissions standards for electric motors, this emissions unit will not be included in the permit.

REGULATORY CLASSIFICATION

Title III: The facility is not a major source of hazardous air pollutants (HAP).

Title IV: The facility will not operate units subject to the acid rain provisions of the Clean Air Act.

Title V: The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.

PSD: The facility is not a PSD facility in accordance with Rule 62-212.400. F.A.C.

RACT: The facility is not subject to the RACT Rules.

BACT: The facility did a BACT determination on May 19, 1995.

NSPS: The facility is subject to requirements of the NSPS 40 CFR 60.

NESHAP: The facility is not subject to any requirements of 40 CFR 61.

PERMIT CONTENT:

Section I: Summary Information

Section II: Facility-Wide Specific Conditions

Section III: Emission Unit Specific Conditions

Section IV: Appendices

Appendix A: General Conditions

Appendix B: Abbreviations, Acronyms, Citations, and Identification Numbers

(Version dated 02/05/97)

ADMINISTRATIVE REQUIREMENTS

- 1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Florida Department of Environmental Protection, Southeast District Office, Air Program at 400 North Congress Ave, Suite 200, West Palm Beach, Florida, 33401, (phone 561-681-6600, Fax 561/681-6790). In addition, copies shall be submitted to Dade County Department of Environmental Resources Management, Air Quality Management Division, 33 SW Second Avenue, Suite 900, Miami, Florida, 33130 (phone 305-372-6925).
- 1.2 General Conditions: The permittee shall be aware of, and operate under the attached General Conditions listed in Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. **[Rule 62-4.160, F.A.C.]**
- 1.3 Citation Format: Appendix B of this permit provides the format for citing applicable regulations.
- 1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state or local permitting requirements or other regulations.
- 1.5 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from this Department or other departments or agencies.
- 1.6 Operation Permit Required: This permit authorizes construction and/or installation of the permitted emissions units and initial operation to determine compliance with Department rules. **An operation permit is required for regular operation of the permitted emissions units.** The owner or operator shall **apply for and receive** an operation permit prior to expiration of this permit. An application for an operation permit shall be submitted to the Department of Environmental Protection, Southeast District Office Air Program. To apply for an operation permit, the applicant shall submit the appropriate application fee and, in quadruplicate, the appropriate application form, a certification that construction was completed with a notation of any deviations from the conditions in the construction permit, compliance test results, and such additional information as the Department may by law require. **[Rules 62-4.030, 62-4.050, 62-4.220, and 62-210.300, F.A.C.]**
- 1.7 Extension of This Permit: The expiration date of this construction permit may be extended upon request of the owner or operator and submission of the appropriate fee to the Department of ecological Protection, Southeast District Office Air Program **at least 60 days prior** to the expiration date of this permit. **[Rules 62-4.050, 62-4.080, and 62-4.220, F.A.C.]**
- 1.8 The permit also constitutes:
- a. Determination of Best Available Control Technology (The facility did a determination on 5/11/1995)
 - b. Determination of Prevention of Significant Deterioration (PSD does NOT apply); and
 - c. Compliance with New Source Performance Standards (part of Subpart Dc does apply).
- [Rule 62-4.160, F.A.C.]**

EMISSION LIMITING STANDARDS

- 2.1 Objectionable Odor Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]
- 2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity. [Rule 62-296.320(4)(b), F.A.C.]
- 2.3 Volatile Organic Compounds/Organic Solvents Emissions: No person shall 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. [Rule 62-296.320(1), F.A.C.]

Such controls include the following:

- a. Tightly cover or close all VOC containers when they are not in use.
 - b. Tightly cover all open tanks that contain VOCs when they are not in use.
 - c. Maintain all pipes, valves, fittings, etc., which handle VOCs in good operating condition.
 - d. Confine rags used with VOCs to tightly closed, fireproof containers when not in use.
 - e. Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.
- 2.4 Unconfined Emissions of 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. [Rule 62-296.320(4)(c), F.A.C.]

Reasonable precautions include the following:

- a. Paving and maintenance of roads, parking areas and yards.
- b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- c. Application of asphalt, water, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
- d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- e. Landscaping or planting of vegetation.
- f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- g. Confining abrasive blasting where possible.
- h. Enclosure or covering of conveyor systems.
- i. Substitution of powdery materials with granular or pelletized materials, where possible.

PERFORMANCE STANDARDS

- 3.1 Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]

3.2 Excess Emissions Requirements

(a) Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) 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.]

(b) 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) In case of excess emissions resulting from malfunctions, the permittee shall notify the Air Pollution Control Section of the Department of Environmental Protection within one working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

(d) Considering operational variations in types of industrial equipment operations affected by this rule, the Department may adjust the maximum and minimum factors to provide reasonable and practical regulatory controls consistent with the public interest. [Rule 62-210.700(5), F.A.C.]

COMPLIANCE MONITORING REQUIREMENTS

4.1 Duration: Unless otherwise specified in this permit, all records and reports required by this permit shall be kept for at least 3 years from the date the information was recorded. [Rule 63-4.160(14)(b), F.A.C.]

4.2 Test Procedures: All test methods and procedures shall be performed in accordance with the applicable requirements of Chapter 62-297, F.A.C.

4.3 Testing at Capacity: Unless otherwise stated in the applicable emission limiting standard for a rule, testing of emissions shall be conducted with the emissions unit operating at permitting capacity. Permitting Capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If is impracticable to test at permitting capacity, an emission unit may be tested at less than the permitting capacity, in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

4.4 Test Notification: At least (15) days prior to the date on which each formal compliance test is to begin, the permittee shall notify the Department in writing of: the test date; the expected test time; the location of the test; the facility contact person responsible for coordinating the test; and the person or company conducting the test. The 15 day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the 60-day test window specified for the emissions unit, the owner or operator may request an alternate test date before the expiration of the window. [Rule 62-297.310(7)(b), F.A.C.]

4.5 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 in Rules 62-204 through 62-297 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.]

REPORT REQUIRED

- 5.1 Excess Emissions Report: If excess emissions occur, the Department may request a written summary report of the incident. **[Rule 62-210.370(3), F.A.C.]**
- 5.2 Compliance Test Reports: Compliance test reports shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Compliance Section, as soon as practical, but no later than 45 days after the last sampling run of each test is completed. **[Rule 62-297.310(8), F.A.C.]**
- 5.5 Annual Operations Report: On or before April 1st of each calendar year, a completed DEP Form 62-210.900(5), Annual Operating Report (AOR) Form for Air Pollutant Emitting Facility shall be submitted to the Department of Environmental Protection Southeast District Office, if the report is submitted using the Department's electronic annual operating report software, there is no requirement to submit a hard copy to the district office. **[Rule 62-210.370(3)(c), F.A.C.]**

PART III A -- EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emission unit(s):

| Emissions Unit Number | Emissions Unit Description |
|------------------------------|---|
| -008 | A 600 HP Fire Tube Kewanee Scotch Marine Boiler with 25.11 MMBtu per hour Model H35-600-G02 |
| -009 | A 600 HP Fire Tube Kewanee Scotch Marine Boiler with 25.11 MMBtu per hour Model H35-600-G02 |

{These emissions units are authorized to burn natural gas or distillate fuel oil with no added air pollution control devices. Commercial operations of the units began in 1998. These emissions units are subject to 40 CFR Part 60, subpart Dc “Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units”}

EMISSIONS STANDARDS

- A.1 Visible Emission: Visible emission shall not exceed 20 percent opacity except for one 6-minute period per hour during which opacity shall not exceed 27 percent. **[Rules 62-296.406, 62-204.800, F.A.C. and 40CFR 60.40c-48c]**
- A.2 Hours of Operation: The referenced emission units are allowed to operate continuously; i.e., 8760 hours a year. **[Rule 62-4.070(3), F.A.C.]**
- A.3 Allowable Fuels: Fuel used shall be limited to natural gas except when natural gas is unavailable, during which times No. 2 distillate fuel oil with a maximum sulfur content of no greater than 0.35 percent may be burned. These emission units shall not burn oil that contains greater than 0.05 percent by weight sulfur, and shall not burn oil other than No. 2 distillate fuel oil. **[Rule 62-204.800, F.A.C., Application 02500232-012-AC]**

TESTING REQUIREMENTS

- A.4 Visible Emission Test Required: The owner or operator shall test the referenced emission units for visible emission by EPA Method 9. Visible emission tests shall be thirty minutes in duration. **[Rule 62-297.401(9)(c), F.A.C.]**
- A.5 Test Frequency: The owner or operator shall conduct such compliance tests during each federal fiscal year (October 1-September 30). **[Rule 62-297.310, F.A.C.]**

[Permit note: the test requirement may be waived by the Department, upon request by the permittee, if neither boiler burned fuel oil during the previous federal fiscal year.

- A.6 Fuel Certification: The permittee shall demonstrate compliance with the fuel oil sulfur limits based on a certification from the fuel supplier, as described under 40 CFR 60.48c(f)(1). **[Rule 62-4.070(3), F.A.C.]**

RECORDS AND REPORTS

- A.7 AOR Supplemental Information: Annual operation reports required in Part II of this permit shall include the following supplemental information that was recorded in the previous calendar year: [**Rule 62-4.070(3), F.A.C.**]
- The highest percent sulfur content (by weight) of diesel fuel received.
- A.8 Fuels Records: The owner or operator shall record and maintain records of the types of fuel burned. The owner or operator shall maintain records to demonstrate that each shipment of diesel fuel has 0.35 percent or less (by weight) of sulfur and that the sulfur content was determined by ASTM methods ASTM D4057-88 and ASTM D129-91, ASTM D2622-94 or ASTM D4294-90, adopted and incorporated by reference in Rule 62-297.440(1). Certifications from the fuel supplier in accordance with the above requirement shall be satisfactory records. [**Rule 62-4.070(3), F.A.C.**]
- A.9 Fuel Consumption Limits: The owner or operator shall record and maintain records of the fuel consumption on monthly basis. [**Rule 62-4.070(3), F.A.C.**]

PART III B-- EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emission units:

| E.U. No. | Brief Description |
|--------------------------------|--|
| -012 | Kato Generator (Emergency Center # 1) |
| | Kato Generator (Emergency Center # 2) |
| | Kato Generator (Emergency Center # 3) |
| | Kato Generator (Emergency Center # 4) |
| | Cat Generator (Utility Center # 1) |
| | Cat Generator (Utility Center # 2) |
| | Cat Generator (Utility Center # 3) |
| | Detroit Diesel-Allison Generators (Utility Center # 1) (New) |
| | Detroit Diesel-Allison Generators (Utility Center # 2) (New) |
| | ONAN Generator Highlands |
| | PERKING Generator Children center |
| | EM Generator J Medical center |
| | Detroit Allison Generator |
| | ONAN/WAKISHA Generator UCC |
| | CUMMINS Generator North Wing |
| | CUMMINS Generator P Plaza West |
| CUMMINS Generator P Plaza East | |

PERFORMANCE RESTRICTIONS

- B.1 Methods of Operation: Fuel burned shall be limited to number 2 distillate fuel oil with a maximum sulfur content of 0.05 percent by weight. **[Rule 62-4.070(3), F.A.C. and Application 0250232-012-AC]**
- B.2 Fuel Consumption Limit: Fuel Consumption shall not exceed more than 1,000,000 gallons of fuel oil in any calendar year. **[Rule 62-4.070(3), F.A.C.]**
- B.3 Fuel Sulfur Content. The fuel sulfur content, percent by weight, for fuel oil shall be evaluated using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition. **[Rule 62-4.070(3), F.A.C.]**

RECORDS AND REPORTS

- B.4 Hours of Operation: The owner or operator shall record and maintain records of the hours of operation of each generator unit on a monthly basis. **[Rule 62-4.070(3), F.A.C.]**
- B.5 Fuel Consumption: The owner or operator shall record and maintain records of the fuel consumption on a monthly basis. Monthly records for the preceding month shall be completed by the 10th of the following month. **[Rule 62-4.070(3), F.A.C.]**

FINAL CONSTRUCTION PERMIT No. 0250232-012-AC

- B.6 Fuel Certification: The owner or operator shall maintain records to demonstrate that each shipment of diesel fuel has 0.05 percent or less by weight of sulfur. Certifications from the supplier shall be satisfactory records. [Rule 62-4.070(3), F.A.C.]
- B.7 AOR Supplemental Information: The Annual Operating Report required in Part II of this permit shall include the following information that was recorded in the previous calendar year. [Rule 62-4.070(3), F.A.C.]
- The highest percent sulfur content by weight of diesel fuel received.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Jill S. Creech, P.E.
Southeast District Director

Date

JC/LA/md

cc:

Mr. Regginald Jordan, Jackson Memorial Hospital: regginald.jordan@jhsmiami.org
Mr. Douglas Rodriguez, Jackson Memorial: drodurodriguez@jhsmiami.org
Mr. Aldo Marletti, P.E. of Record, Cashin Associates: amarletti@ca-pc.com
Mr. H. Patrick Wong, Chief, Miami-Dade DERM: wongp@miamidade.gov
Mr. Michael Drenta, Jackson Memorial Hospital: michael.drenta@jhsmiami.org

FILING AND ACKNOWLEDGMENT: FILED, on this date, pursuant to § 120.52(7), F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

Date

LIST OF APPENDICES

Appendix A. General Conditions

Appendix B. Terminology

SECTION IV
APPENDIX A
General Conditions [Rule62-4.160 F.A.C.]

- 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 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- 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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- C.3 As provided in subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
- G4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G5 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 and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- 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 reasonable times, access to the premises where the permitted activity is located or conducted to:
- a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
- 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 noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

SECTION IV
APPENDIX A
General Conditions [Rule62-4.160 F.A.C.]

- 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 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- 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. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
- G.11 This permit is transferable only upon Department approval in accordance with Rules 62-4. 120 and 62-730. 300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- 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:
- Determination of Best Available Control Technology (The facility did a BACT determination on May 19, 1995)
- Determination of Prevention of Significant Deterioration (PSD) no applicable
- Compliance with New Source Performance Standards, (NSPS) no applicable
- 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 for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
- (1) The date, exact place, and time of sampling or measurements;
- (2) The person responsible for performing the sampling or measurements;
- (3) The date analyses were performed;
- (4) The person responsible for performing the analyses;
- (5) The analytical techniques or methods used;
- (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 the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Appendix B Terminology

Abbreviations and Acronyms:

°F: Degrees Fahrenheit
BACT: Best Available Control Technology
CFR: Code of Federal Regulations
DEP: State of Florida, Department of Environmental Protection
DARM: Division of Air Resource Management
EPA: United States Environmental Protection Agency
F.A.C.: Florida Administrative Code
F.S.: Florida Statute
ISO: International Standards Organization
LAT: Latitude
LONG: Longitude
MMBtu: million British thermal units
MW: Megawatt
ORIS: Office of Regulatory Information Systems
SOA: Specific Operating Agreement
UTM: Universal Transverse Mercator

Citations:

The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, guidance memorandums, permit numbers, and ID numbers.

Code of Federal Regulations:

Example: [40 CFR 60.334]

| | | | |
|--------|--------|--------------|-----------------------------|
| Where: | 40 | reference to | Title 40 |
| | CFR | reference to | Code of Federal Regulations |
| | 60 | reference to | Part 60 |
| | 60.334 | reference to | Regulation 60.334 |

Florida Administrative Code (F.A.C.) Rules:

Example: [Rule 62-213, F.A.C.]

| | | | |
|--------|------------|--------------|-------------------------|
| Where: | 62 | reference to | Title 62 |
| | 62-213 | reference to | Chapter 62-213 |
| | 62-213.205 | reference to | Rule 62-213.205, F.A.C. |

ISO: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

Appendix B Terminology (Continued)

Identification Numbers:

Facility Identification (ID) Number:

Example: Facility ID No.: 1050221

Where:

105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by state database.

Permit Numbers:

Example: 1050221-002-AV, or
1050221-001-AC

Where:

AC = Air Construction Permit
AV = Air Operation Permit (Title V Source)
105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by permit tracking database
001 or 002 = 3-digit sequential project number assigned by permit tracking database

Example: PSD-FL-185
PA95-01
AC53-208321

Where:

PSD = Prevention of Significant Deterioration Permit
PA = Power Plant Siting Act Permit
AC = old Air Construction Permit numbering