



# Florida Department of Environmental Protection

Southeast District Office  
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West Palm Beach, FL 33401  
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Lt. Governor

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## NOTICE OF AIR POLLUTION PERMIT

March 9, 2010

*Sent by Electronic Mail – Received Receipt Requested*  
[vince\\_munne@flp.com](mailto:vince_munne@flp.com)

### PERMITTEE

Florida Power and Light (PSL)  
6501 South Ocean Drive  
Jensen Beach, FL 34957

Permit Number: 1110071-006-AF  
Issue Date:  
Expiration Date: **Five years after issue date**

Authorized Representative:  
Mr. Vince Munne, Environmental Compliance

Dear Mr. Munne:

This is a Federally Enforceable State Operation Permit (FESOP) Number 1110071-006-AF, which authorizes the operation of emergency generators, and miscellaneous diesel driven equipments. The proposed operation will be conducted at the St. Lucie County Nuclear Power Plant facility, located at 6501 South Ocean Drive in Jensen Beach, Florida.

Standard Industrial Classification No. 4911. The UTM coordinates are Zone 17, 573.86.N km East, and 3025.01 km North.

This air pollution FESOP is issued under the provisions of Chapter 403, of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to 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.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Notice of Air Pollution Permit. Petitions filed by any persons other than those entitled to notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this Notice of Air Pollution Permit. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall

**AIR OPERATION PERMIT NO. 1110071-006-AF**

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constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it.

Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

**Mediation:** Mediation is not available in this proceeding.

**Notice of Rights:** Any party to this Final Order has the right to seek judicial review 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 Department at the address on the letter head; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Order is filed with the Clerk of the Department.

## **SUMMARY INFORMATION**

This permit is organized by the following sections.

- Section 1. General Information
- Section 2. Administrative Requirements
- Section 3. Emissions Unit Specific Conditions
- Section 4. Appendices

**SECTION 1. GENERAL INFORMATION**

**FACILITY AND PROJECT DESCRIPTION**

**EXISTING FACILITY**

The existing facility consists of a Nuclear Power Plant that operates several emergency generators serving as backup electrical power supply for the nuclear generating plant. Their function is to supply electric power to key power plant equipment during loss of electrical power.

Electric power for the main plant will be provided by four emergency generator units, each coupled between two engines for a total of eight diesel engines. These engines and generators will comprise emissions unit 001.

Electric power for the office buildings will be provided by two additional diesel emergency generator units. The engines and generators consist of emissions unit 002.

Various diesel driven equipments together with the temporary rental generator unit. These emissions units comprise emissions unit 003.

**Project** This permit addresses the following air pollution emissions units:

<b>Facility ID No. 110071</b>	
<b>Emissions Unit Number</b>	<b>Emissions Unit Description</b>
001	Four (4) Main Plant Emergency Diesel Generators, each with two (2) engines
002	Two (2) Building Emergency Diesel Generators
003	Miscellaneous Diesel Driven Equipment (Including a temporary rental generator)

This permit also addresses the following air pollution activities which are deemed to be exempt from permitting, based on the information provided by the applicant to the Department:

<b>Exempt Activity Description</b>
Fuel Storage Tanks, Spray Booth activity, and sandblasting enclosure

Exempt activities have no emissions unit specific conditions, but are subject to applicable general pollutant emissions limiting standards specified in Section 3 of this permit.

**SECTION 2. ADMINISTRATIVE REQUIREMENTS**

1. Permitting and Compliance Authority: The permitting and compliance authority for this project is the Department of Environmental Protection Southeast District Office (Department). The Southeast District Office mailing address is 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401. All documents related to applications for permits to operate, and all documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southeast District Office.
2. Appendices: The following Appendices are attached as part of this permit:
  - a. Appendix A. Citation Formats and Glossary of Common Terms;
  - b. Appendix B. General Conditions;
3. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
4. 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.]
5. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
6. Source Obligation: At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification. [Rule 62-212.400(12), F.A.C.]
7. Actual Emissions Reporting: For this project, the Department requires the annual reporting of actual Nitrogen Oxide (NOx) emissions for the following units: 001, 002, 003. [Application 1110071-006-AF; and Rules 62-212.300(1)(e) and 62-210.370, F.A.C.]

**AIR OPERATION PERMIT NO. 1110071-006-AF**  
**SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS**

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This section of the permit addresses the following emissions units.

<b>Emissions Unit Number</b>	<b>Emissions Unit Description</b>
001	Four (4) Main Plant Emergency Diesel Generators, each with two (2) engines
002	Two (2) Building Emergency Diesel Generators
003	Miscellaneous Diesel Driven Equipment (Including a temporary rental generator)

**EQUIPMENT**

1. Generators: The permittee is authorized to operate all permitted emergency generators as a backup emergency electrical power in the event of electric power loss or curtailment.

**PERFORMANCE RESTRICTIONS**

2. Authorized Fuel: Fuel burned shall be limited to No. 2 diesel fuel with a maximum sulfur content of 0.05 percent by weight, as demonstrated by the shipment records. [Application No. 1110071-006-AF, Rule 62-62-4.070(3), F.A.C., and 1110071-005-AF]
3. Restricted Operation: The hours of operation are limited to emergency, maintenance, and operational test only. [Rules 62- 4.070(3), and 62-210.200(PTE), F.A.C.]

**EMISSIONS STANDARDS**

4. Nitrogen Oxide (NOx) Emissions: NOx emissions from all generators engines shall not exceed 99.4 tons in any twelve-consecutive month period. [Rule 62-4.070(3), F.A.C., and Application 1110071-006]
5. Fuel Consumption Limits: Fuel consumption for these emissions units shall not exceed either (a), (b), or (c) of this permit conditions as follows:
  - a. Emissions Unit No. 001 (EMD R16-645E4, and EMD L12-645E4), are limit to 97,000 gallons for any 12-month consecutive period.
  - b. Emissions Units No. 002 and 003 (Miscellaneous Small Diesel Engines, and Temporary Rental Generator), are limit to 190,000 gallons in any 12-month consecutive period.
  - c. Emissions units 001, 002, and 003 any combination of fuel consumption for the emissions units provided the NOx emissions from all units do not exceed 99.4 tons in any 12-month consecutive period. [Application No. 1110071-006-AF, and 1110071-005-AF]

**MONITORING REQUIREMENTS**

6. Nitrogen Oxide (NOx) Monitoring: Compliance with the allowable limiting standards for NOx shall be determined by calculation using the monthly fuel consumed and the latest published AP-42 emissions factor for the emissions source, unless more accurate data become available. [Rule 4.070(3), F.A.C.]
7. Fuel Consumption: The owner or operator shall monitor the fuel consumption by the referenced emissions units by keeping record of the fuel consumed by each emissions unit. [Rule 62-4.070(3), F.A.C.]



## SECTION 4. APPENDICES

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### Contents

Appendix A. Citation Formats and Glossary of Common Terms

Appendix B. General Conditions

Appendix C. Common Conditions

**Citation Formats and Glossary of Common Terms**

**CITATION FORMATS**

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

**Old Permit Numbers**

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

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

**New Permit Numbers**

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

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

**PSD Permit Numbers**

Example: Permit No. PSD-FL-317

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

**Florida Administrative Code (F.A.C.)**

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

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

**Code of Federal Regulations (CFR)**

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

**GLOSSARY OF COMMON TERMS**

° F: degrees Fahrenheit

AAQS: Ambient Air Quality Standard

acf: actual cubic feet

acfm: actual cubic feet per minute

ARMS: Air Resource Management System (DEP database)

BACT: best available control technology

bhp: brake horsepower

Btu: British thermal units

CAM: compliance assurance monitoring

CEMS: continuous emissions monitoring system

cfm: cubic feet per minute

CFR: Code of Federal Regulations

CAA: Clean Air Act

CMS: continuous monitoring system

CO: carbon monoxide

## SECTION 4. APPENDIX A

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### Citation Formats and Glossary of Common Terms

<b>CO<sub>2</sub></b> : carbon dioxide	<b>NSPS</b> : New Source Performance Standards
<b>COMS</b> : continuous opacity monitoring system	<b>O&amp;M</b> : operation and maintenance
<b>DARM</b> : Division of Air Resource Management	<b>O<sub>2</sub></b> : oxygen
<b>DEP</b> : Department of Environmental Protection	<b>Pb</b> : lead
<b>Department</b> : Department of Environmental Protection	<b>PM</b> : particulate matter
<b>dscf</b> : dry standard cubic feet	<b>PM<sub>10</sub></b> : particulate matter with a mean aerodynamic diameter of 10 microns or less
<b>dscfm</b> : dry standard cubic feet per minute	<b>ppm</b> : parts per million
<b>EPA</b> : Environmental Protection Agency	<b>ppmv</b> : parts per million by volume
<b>ESP</b> : electrostatic precipitator (control system for reducing particulate matter)	<b>ppmvd</b> : parts per million by volume, dry basis
<b>EU</b> : emissions unit	<b>QA</b> : quality assurance
<b>F.A.C.</b> : Florida Administrative Code	<b>QC</b> : quality control
<b>F.A.W.</b> : Florida Administrative Weekly	<b>PSD</b> : prevention of significant deterioration
<b>F.D.</b> : forced draft	<b>psi</b> : pounds per square inch
<b>F.S.</b> : Florida Statutes	<b>PTE</b> : potential to emit
<b>FGD</b> : flue gas desulfurization	<b>RACT</b> : reasonably available control technology
<b>FGR</b> : flue gas recirculation	<b>RATA</b> : relative accuracy test audit
<b>Fl</b> : fluoride	<b>RBLC</b> : EPA's RACT/BACT/LAER Clearinghouse
<b>ft<sup>2</sup></b> : square feet	<b>SAM</b> : sulfuric acid mist
<b>ft<sup>3</sup></b> : cubic feet	<b>scf</b> : standard cubic feet
<b>gpm</b> : gallons per minute	<b>scfm</b> : standard cubic feet per minute
<b>gr</b> : grains	<b>SIC</b> : standard industrial classification code
<b>HAP</b> : hazardous air pollutant	<b>SIP</b> : State Implementation Plan
<b>Hg</b> : mercury	<b>SNCR</b> : selective non-catalytic reduction (control system used for reducing emissions of nitrogen oxides)
<b>I.D.</b> : induced draft	<b>SO<sub>2</sub></b> : sulfur dioxide
<b>ID</b> : identification	<b>TPD</b> : tons/day
<b>kPa</b> : kilopascals	<b>TPH</b> : tons per hour
<b>lb</b> : pound	<b>TPY</b> : tons per year
<b>MACT</b> : maximum achievable technology	<b>TRS</b> : total reduced sulfur
<b>MMBtu</b> : million British thermal units	<b>UTM</b> : Universal Transverse Mercator coordinate system
<b>MSDS</b> : material safety data sheets	<b>VE</b> : visible emissions
<b>MW</b> : megawatt	<b>VOC</b> : volatile organic compounds
<b>NESHAP</b> : National Emissions Standards for Hazardous Air Pollutants	
<b>NO<sub>x</sub></b> : nitrogen oxides	

## SECTION 4. APPENDIX B

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### General Conditions

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

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

## SECTION 4. APPENDIX B

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### General Conditions

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

## SECTION 4. APPENDIX C

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### Common Conditions

Unless otherwise specified in the permit, the following conditions apply to all emissions units and activities at the facility.

#### EMISSIONS AND CONTROLS

1. 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 each 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.]
2. 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.]
3. Excess Emissions Allowed: 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 2 hours in any 24-hour period unless specifically authorized by the Department for longer duration. Pursuant to Rule 62-210.700(5), F.A.C., the permit subsection may specify more or less stringent requirements for periods of excess emissions. Rule 62-210-700(Excess Emissions), F.A.C., cannot vary or supersede any federal NSPS or NESHAP provision. [Rule 62-210.700(1), F.A.C.]
4. 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. [Rule 62-210.700(4), F.A.C.]
5. Excess Emissions - Notification: In case of excess emissions resulting from malfunctions, the permittee shall notify the Compliance Authority in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department. [Rule 62-210.700(6), F.A.C.]
6. VOC or OS Emissions: No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]
7. 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. [Rules 62-296.320(2) and 62-210.200(Definitions), F.A.C.]
8. 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. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1, F.A.C.]
9. Unconfined Particulate Emissions: During the construction period, unconfined particulate matter emissions shall be minimized by dust suppressing techniques such as covering and/or application of water or chemicals to the affected areas, as necessary. [Rule 62-296.320(4)(c), F.A.C.]

#### RECORDS AND REPORTS

10. 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 3 years following the date on which such measurements, records, or data are recorded. Records shall be made available to the Department upon request. [Rule 62-213.440(1)(b)2, F.A.C.]

## SECTION 4. APPENDIX C

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### Common Conditions

- (1) Mass Balance Calculations.
  - (a) An owner or operator may use mass balance calculations to compute emissions of a pollutant for purposes of this rule provided the owner or operator:
    - 1) Demonstrates a means of validating the content of the pollutant that is contained in or created by all materials or fuels used in or at the emissions unit; and
    - 2) Assumes that the emissions unit emits all of the pollutant that is contained in or created by any material or fuel used in or at the emissions unit if it cannot otherwise be accounted for in the process or in the capture and destruction of the pollutant by the unit's air pollution control equipment.
  - (b) Where the vendor of a raw material or fuel which is used in or at the emissions unit publishes a range of pollutant content from such material or fuel, the owner or operator shall use the highest value of the range to compute the emissions, unless the owner or operator demonstrates using site-specific data that another content within the range is more accurate.
  - (c) In the case of an emissions unit using coatings or solvents, the owner or operator shall document, through purchase receipts, records and sales receipts, the beginning and ending VOC inventories, the amount of VOC purchased during the computational period, and the amount of VOC disposed of in the liquid phase during such period.
- (2) Emission Factors.
  - a. An owner or operator may use an emission factor to compute emissions of a pollutant for purposes of this rule provided the emission factor is based on site-specific data such as stack test data, where available, unless the owner or operator demonstrates to the department that an alternative emission factor is more accurate. An owner or operator using site-specific data to derive an emission factor, or set of factors, shall meet the following requirements.
    - 1) If stack test data are used, the emission factor shall be based on the average emissions per unit of input, output, or gas volume, whichever is appropriate, of all valid stack tests conducted during at least a five-year period encompassing the period over which the emissions are being computed, provided all stack tests used shall represent the same operational and physical configuration of the unit.
    - 2) Multiple emission factors shall be used as necessary to account for variations in emission rate associated with variations in the emissions unit's operating rate or operating conditions during the period over which emissions are computed.
    - 3) The owner or operator shall compute emissions by multiplying the appropriate emission factor by the appropriate input, output or gas volume value for the period over which the emissions are computed. The owner or operator shall not compute emissions by converting an emission factor to pounds per hour and then multiplying by hours of operation, unless the owner or operator demonstrates that such computation is the most accurate method available.
  - b. If site-specific data are not available to derive an emission factor, the owner or operator may use a published emission factor directly applicable to the process for which emissions are computed. If no directly-applicable emission factor is available, the owner or operator may use a factor based on a similar, but different, process.
- (3) Accounting for Emissions During Periods of Missing Data from CEMS, PEMS, or CPMS. In computing the emissions of a pollutant, the owner or operator shall account for the emissions during periods of missing data from CEMS, PEMS, or CPMS using other site-specific data to generate a reasonable estimate of such emissions.
- (4) Accounting for Emissions During Periods of Startup and Shutdown. In computing the emissions of a pollutant, the owner or operator shall account for the emissions during periods of startup and shutdown of the emissions unit.

**Common Conditions**

- (5) Fugitive Emissions. In computing the emissions of a pollutant from a facility or emissions unit, the owner or operator shall account for the fugitive emissions of the pollutant, to the extent quantifiable, associated with such facility or emissions unit.
- (6) Recordkeeping. The owner or operator shall retain a copy of all records used to compute emissions pursuant to this rule for a period of 3 years from the date on which such emissions information is submitted to the department for any regulatory purpose. [Rule 62-210.370(2), F.A.C.]
- a. *Annual Operating Report for Air Pollutant Emitting Facility*
- (1) The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed each year for the following facilities:
- a. All Title V sources.
  - b. All synthetic non-Title V sources.
  - c. All facilities with the potential to emit ten (10) tons per year or more of volatile organic compounds or twenty-five (25) tons per year or more of nitrogen oxides and located in an ozone nonattainment area or ozone air quality maintenance area.
  - d. All facilities for which an annual operating report is required by rule or permit.
- (2) Notwithstanding paragraph 62-210.370(3)(a), F.A.C., no annual operating report shall be required for any facility operating under an air general permit.
- (3) The annual operating report shall be submitted to the appropriate Department of Environmental Protection (DEP) division, district or DEP-approved local air pollution control program office by April 1. If the report is submitted using the Department's electronic annual operating report software, there is no requirement to submit a copy to any DEP or local air program office.
- (4) Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C., for purposes of the annual operating report.
- (5) Facility Relocation. Unless otherwise provided by rule or more stringent permit condition, the owner or operator of a relocatable facility must submit a Facility Relocation Notification Form (DEP Form No. 62-210.900(6)) to the Department at least 30 days prior to the relocation. A separate form shall be submitted for each facility in the case of the relocation of multiple facilities which are jointly owned or operated. [Rule 62-210.370(3), F.A.C.]