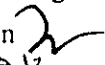




Florida Department of Environmental Protection

Memorandum

TO: Joseph Kahn, Division of Air Resource Management
THROUGH: Trina Vielhauer, Bureau of Air Regulation 
Jeff Koerner, New Source Review Section 
FROM: Corrie Branum, New Source Review Section 
DATE: June 2, 2008
SUBJECT: Final Air Permit No. 0950137-021-AC
Orlando Utilities Commission, Stanton Energy Center
Replace the Coal Reclaim Hopper Baghouse (EU-010)

The Final Permit for this project is attached for your approval and signature, which authorizes Orlando Utilities Commission to replace the above ground coal reclaim hopper baghouse (EU-010) with an inline insertable dust collector. The new equipment will be installed at 5100 South Alafaya Trail, Orlando, Florida in Orange County, Florida. The project results in a minor source air construction permit and is not subject to PSD preconstruction review.

The attached Final Determination identifies issuance of the draft permit, summarizes the publication process, and provides the Department's response to comments on the Draft Permit. There are no pending petitions for administrative hearings or extensions of time to file a petition for an administrative hearing.

I recommend your approval of the attached Final Permit for this project.

Attachments

FINAL DETERMINATION

PERMITTEE

Orlando Utilities Commission
5100 South Alafaya Trail
Orlando, Florida 32831

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, New Source Review Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. 0950137-021-AC
Stanton Energy Center

Orlando Utilities Commission operates an existing electrical generating plant (SIC No. 4911) located in Orange County at 5100 South Alafaya Trail in Orlando, Florida. This permit authorizes the replacement of the above ground coal reclaim hopper baghouse (EU-010) with a new inline insertable dust collector (EU-036). The new insertable dust collector will be located inside the tunnel which conveys coal from the coal pad to the boiler. The dust collector will have no direct vent to the atmosphere. Collected coal dust will be returned for reuse.

NOTICE AND PUBLICATION

The Department distributed an Intent to Issue Permit package on April 30, 2008. The applicant published the Public Notice of Intent to Issue in the Orlando Sentinel on May 9, 2008. The Department received the proof of publication on May 30, 2008.

COMMENTS

No comments on the Draft Permit were received from the public, the Orange County Environmental Protection Division, the Department's Central District Office, the EPA Region 4 Office, the National Park Service, or the applicant.

CONCLUSION

The final action of the Department is to issue the permit with the minor revisions, corrections, and clarifications as described above.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMIT

*In the Matter of an
Application for Permit by:*

Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida, 32802

Authorized Representative:

Jan C. Aspuru, VP, Power Resources

Air Permit No. 0950137-021-AC
Stanton Energy Center
Replace Coal Reclaim Hopper
Baghouse (EU-010)
Orange County

Enclosed is the final air construction permit, which authorizes Orlando Utilities Commission to replace the above ground coal reclaim hopper baghouse (EU-010) with an inline insertable dust collector. The proposed work will be conducted at the Stanton Energy Center, which is located in Orange County at 5100 South Alafaya Trail in Orlando, Florida. As noted in the attached Final Determination, only minor changes and clarifications were made to the permit as drafted. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

TLV/jfk/cb

NOTICE OF FINAL PERMIT

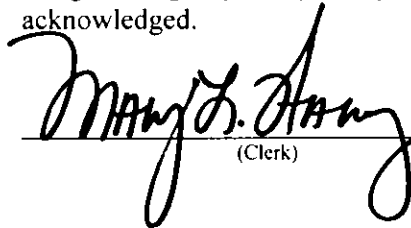
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Permit and Final Determination) was sent by electronic mail with received receipt requested before the close of business on 6/3/08 to the persons listed below.

- Jan C. Aspuru, Orlando Utilities Commission (jaspuru@ouc.com)
- Denise Stalls, Orlando Utilities Commission (dstalls@ouc.com)
- Larry T. Newland, Black and Veatch (newlandlt@bv.com)
- Jim Bradner, DEP Central District (james.bradner@dep.state.fl.us)
- Lori Cunniff, Orange County EPD (lori.cunniff@ocfl.net)
- Katy Forney, EPA Region 4 (Forney.Kathleen@epa.gov)

Clerk Stamp

FILED AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.



(Clerk)

6/3/08
(Date)



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

PERMITTEE

Orlando Utilities Commission
P.O. Box 3193
Orlando, Florida 32831

Authorized Representative:
Jan C. Aspuru, Vice President, Power Resources

Air Permit No. 0950137-021-AC
Permit Expires: December 31, 2009

Stanton Energy Center
ARMS ID No. 0950137
Replace Coal Reclaim Hopper Baghouse

PROJECT AND LOCATION

This permit authorizes Orlando Utilities Commission to replace the existing above ground coal reclaim hopper baghouse (EU-010) with an inline insertable dust collector (EU-036). The proposed work will be conducted at the Stanton Energy Center, which is an electrical power plant (SIC No. 4911). The facility is located in Orange County at 5100 Alafaya Trail in Orlando, Florida. The UTM coordinates are Zone 17, 483.5 km East, and 3150.6 km North.

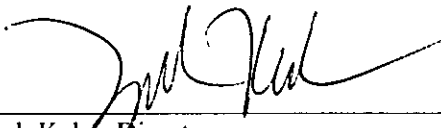
STATEMENT OF BASIS

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.). The permittee is authorized to conduct the proposed work 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.

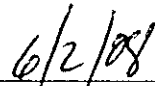
CONTENTS

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

Executed in Tallahassee, Florida



Joseph Kahn, Director
Division of Air Resource Management



(Date)

SECTION 1. GENERAL INFORMATION

FACILITY AND PROJECT DESCRIPTION

The existing facility consists of two 468 megawatt (MW) fossil fuel fired steam electric generating units (Units 1 and 2), and one 640 MW combined cycle unit. There are storage and handling facilities for solid fuels, fly ash, limestone, gypsum, slag, and bottom ash.

This project replaces the existing baghouse (EU-010) with a new inline insertable dust collector (EU-036) for the coal reclaim hopper. The replacement is needed due to the location of the baghouse. It frequently becomes packed with coal up to the level of the motor, which disturbs the operation. The new dust collector will be located inside the tunnel which conveys coal from the coal pad to the boiler. The unit will have no direct vent to the atmosphere.

This project will deactivate the following existing emissions unit.

ID	Emission Unit Description
010	Coal Reclaim Hopper Baghouse

This project adds the following new emissions unit.

ID	Emission Unit Description
036	Coal Reclaim Hooper with Inline Insertable Dust Collector

REGULATORY CLASSIFICATION

- The facility is a major source of hazardous air pollutants (HAP).
- The facility has units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212., F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Bureau of Air Regulation, Division of Air Resource Management, Florida Department of Environmental Protection (Department). The Bureau of Air Regulation's mailing address is 2600 Blair Stone Road (MS #5505), Tallahassee, Florida 32399-2400. All documents related to applications for permits to operate an emissions unit shall be submitted to the Central District Office: 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803-3767; and the telephone number is (407) 894-7555.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Central District Office and Orange County Local Air Program. The mailing address and phone number of the Central District Office is: 3319 Maguire Boulevard, Suite 232, Orlando, FL 32803-3767; and the telephone number is (407) 894-7555. The mailing address and phone number of the Orange County Local Air Program is: 800 Mercy Drive, Suite 4, Orlando, FL 32808; and the telephone number is (407) 836-1400.
3. 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;
 - c. Appendix C. Common Conditions; and
 - d. Appendix D. Common Testing Requirements.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified 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, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 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.
5. 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.]
6. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. 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.]
7. Source Obligation:
 - (a) 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 virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, 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.
 - (b) 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.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

[Rule 62-212.400(12), F.A.C.]

8. **Title V Permit:** This permit authorizes construction of the permitted emissions units and initial operation to determine compliance with Department rules. A Title V operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. 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 be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Coal Reclaim Hopper with Insertable Dust Collector (EU-036)

This section of the permit addresses the following emissions unit.

Emissions Unit No. 036

Coal Reclaim Hooper with Inline Insertable Dust Collector

EQUIPMENT

1. Inline Insertable Dust Collector: The permittee is authorized to install an inline insertable dust collector to replace the existing baghouse (EU-010) for the coal reclaim hopper. The dust collector will be installed inside the transfer point so fans and ducting will not be necessary for operation. This unit will not have a direct vent to the atmosphere. The existing baghouse shall remain fully functional until the replacement. [Application No. 0950137-021-AC]

PERFORMANCE RESTRICTIONS

2. Restricted Operation: The hours of operation are not limited (8760 hours per year). [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

3. Visible Emission: Visible emissions shall not exceed 5% opacity as determined by EPA Method 9. [Application No. 0950137-021-AC and Rule 62-2.070(3), F.A.C.]

TESTING REQUIREMENTS

4. Initial Compliance Tests: The emissions unit shall be tested to demonstrate initial compliance with the visible emissions standard. The initial test shall be conducted within 60 days after achieving permitted capacity, but not later than 180 days after initial operation of the unit. [Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]
5. Subsequent Tests: During each federal fiscal year (October 1st to September 30th), the emissions unit shall be tested in accordance with EPA method 9 to demonstrate compliance with the visible emissions standard. If the initial test demonstrates compliance with the visible emissions standard and the installed system has no atmospheric vent, no subsequent testing is necessary unless requested pursuant to Rule 62-297.310(7)(b), F.A.C. [Rule 62-297.310(7)(a)4, F.A.C.]
6. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements), Section 4 of this permit. [Rule 62-297.310(7)(a)9, F.A.C.]

RECORDS AND REPORTS

7. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D, Section 4 of this permit. [Rule 62-297.310(8), F.A.C.]

SECTION 4. APPENDICES
CONTENTS

Appendix A. Citation Formats and Glossary of Common Terms

Appendix B. General Conditions

Appendix C. Common Conditions

Appendix D. Common Testing Requirements

SECTION 4. APPENDIX A
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

acfm: actual cubic feet per minute

ARMS: Air Resource Management System (Department’s database)

BACT: best available control technology

Btu: British thermal units

CAM: compliance assurance monitoring

SECTION 4. APPENDIX A
CITATION FORMATS AND GLOSSARY OF COMMON TERMS

CEMS: continuous emissions monitoring system
cfm: cubic feet per minute
CFR: Code of Federal Regulations
CO: carbon monoxide
COMS: continuous opacity monitoring system
DEP: Department of Environmental Protection
Department: Department of Environmental Protection
dscfm: dry standard cubic feet per minute
EPA: Environmental Protection Agency
ESP: electrostatic precipitator (control system for reducing particulate matter)
EU: emissions unit
F.A.C.: Florida Administrative Code
F.D.: forced draft
F.S.: Florida Statutes
FGR: flue gas recirculation
Fl: fluoride
ft²: square feet
ft³: cubic feet
gpm: gallons per minute
gr: grains
HAP: hazardous air pollutant
Hg: mercury
I.D.: induced draft
ID: identification
kPa: kilopascals
lb: pound
MACT: maximum achievable technology
MMBtu: million British thermal units
MSDS: material safety data sheets
MW: megawatt
NESHAP: National Emissions Standards for Hazardous Air Pollutants
NO_x: nitrogen oxides
NSPS: New Source Performance Standards
O&M: operation and maintenance
O₂: oxygen

SECTION 4. APPENDIX A
CITATION FORMATS AND GLOSSARY OF COMMON TERMS

Pb: lead

PM: particulate matter

PM₁₀: particulate matter with a mean aerodynamic diameter of 10 microns or less

PSD: prevention of significant deterioration

psi: pounds per square inch

PTE: potential to emit

RACT: reasonably available control technology

RATA: relative accuracy test audit

SAM: sulfuric acid mist

scf: standard cubic feet

scfm: standard cubic feet per minute

SIC: standard industrial classification code

SNCR: selective non-catalytic reduction (control system used for reducing emissions of nitrogen oxides)

SO₂: sulfur dioxide

TPH: tons per hour

TPY: tons per year

UTM: Universal Transverse Mercator coordinate system

VE: visible emissions

VOC: volatile organic compounds

SECTION 4. APPENDIX B
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 403.161, 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 403.087(6) and 403.722(5), F.S., 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.
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.
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 F.S. 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 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.
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.

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.

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 F.S. or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, F.S.. Such evidence

SECTION 4. APPENDIX B
GENERAL CONDITIONS

shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.
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 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.
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.

SECTION 4. APPENDIX C
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 two hours in any 24 hour period unless specifically authorized by the Department for longer duration. [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 Department or the appropriate Local Program 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. **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.]
7. **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.]

{Permitting Note: Rule 62-210.700 (Excess Emissions), F.A.C., cannot vary any NSPS or NESHAP provision.}

RECORDS AND REPORTS

8. **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 5 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.]
9. **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. [Rule 62-210.370(3), F.A.C.]

SECTION 4. APPENDIX D
COMMON TESTING REQUIREMENTS

Unless otherwise specified in the permit, the following testing requirements apply to all emissions units at the facility.

COMPLIANCE TESTING REQUIREMENTS

1. Operating Rate During Testing: Testing of emissions shall be conducted with the emissions unit operating at permitted capacity. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the maximum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test rate 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. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. [Rule 62-297.310(2), F.A.C.]
2. 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.]
3. Applicable Test Procedures
 - a. *Required Sampling Time.*
 - (1) Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
 - (a) The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
 - b. *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), F.A.C.]
4. Determination of Process Variables
 - a. *Required Equipment.* The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
 - b. *Accuracy of Equipment.* Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.
[Rule 62-297.310(5), F.A.C.]
5. Frequency of Compliance Tests: The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.
 - a. *General Compliance Testing.*
 1. The owner or operator of a new or modified emissions unit that is subject to an emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining an operation permit for such emissions unit.
 2. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a

SECTION 4. APPENDIX D
COMMON TESTING REQUIREMENTS

compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to sub-subparagraph 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal did not operate.

3. During each federal fiscal year (October 1 – September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for visible emissions, if there is an applicable standard.
4. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
- b. *Special Compliance Tests.* When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it 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), F.A.C.]

RECORDS AND REPORTS

6. Test Reports:

- a. The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
- b. The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
- c. The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information.
 1. The type, location, and designation of the emissions unit tested.
 2. The facility at which the emissions unit is located.
 3. The owner or operator of the emissions unit.
 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
 8. The date, starting time and duration of each sampling run.
 9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
 10. The applicable emission standard and the resulting maximum allowable emission rate for the emissions unit plus the test result in the same form and unit of measure.
 11. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and

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COMMON TESTING REQUIREMENTS

correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

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

Harvey, Mary

From: Harvey, Mary
Sent: Tuesday, June 03, 2008 11:29 AM
To: 'Jan C. Aspuru, Orlando Utilities Commission'; 'Denise Stalls, Orlando Utilities Commission'; 'Larry T. Newland, Black and Veatch'; Bradner, James; 'Lori Cunniff, Orange County EPD'; 'Katy Forney, EPA Region 4'
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission
Attachments: 0950137.021.AC.F_pdf.zip

Tracking:	Recipient	Delivery	Read
	'Jan C. Aspuru, Orlando Utilities Commission'		
	'Denise Stalls, Orlando Utilities Commission'		
	'Larry T. Newland, Black and Veatch'		
	Bradner, James	Delivered: 6/3/2008 11:29 AM	Read: 6/3/2008 1:50 PM
	'Lori Cunniff, Orange County EPD'		
	'Katy Forney, EPA Region 4'		
	Branum, Corrie	Delivered: 6/3/2008 11:29 AM	
	Walker, Elizabeth (AIR)	Delivered: 6/3/2008 11:29 AM	
	Gibson, Victoria	Delivered: 6/3/2008 11:29 AM	Read: 6/3/2008 11:31 AM

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Thank you,

DEP, Bureau of Air Regulation

6/5/2008

Harvey, Mary

From: Bradner, James
To: Harvey, Mary
Sent: Tuesday, June 03, 2008 1:49 PM
Subject: Read: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Your message

To: 'Jan C. Aspuru, Orlando Utilities Commission'; 'Denise Stalls, Orlando Utilities Commission'; 'Larry T. Newland, Black and Veatch';
Bradner, James; 'Lori Cunniff, Orange County EPD'; 'Katy Forney, EPA Region 4'
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission
Sent: 6/3/2008 11:29 AM

was read on 6/3/2008 1:50 PM.

Harvey, Mary

From: Bradner, James
Sent: Tuesday, June 03, 2008 1:49 PM
To: Harvey, Mary
Subject: RE: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Received—thank you.

From: Harvey, Mary
Sent: Tuesday, June 03, 2008 11:29 AM
To: 'Jan C. Aspuru, Orlando Utilities Commission'; 'Denise Stalls, Orlando Utilities Commission'; 'Larry T. Newland, Black and Veatch'; Bradner, James; 'Lori Cunniff, Orange County EPD'; 'Katy Forney, EPA Region 4'
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

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Thank you,

DEP, Bureau of Air Regulation

Harvey, Mary

From: Gibson, Victoria
To: Harvey, Mary
Sent: Tuesday, June 03, 2008 11:31 AM
Subject: Read: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Your message

To: 'Jan C. Aspuru, Orlando Utilities Commission'; 'Denise Stalls, Orlando Utilities Commission'; 'Larry T. Newland, Black and Veatch'; Bradner, James; 'Lori Cuniff, Orange County EPD'; 'Katy Forney, EPA Region 4'
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission
Sent: 6/3/2008 11:29 AM

was read on 6/3/2008 11:31 AM.

Harvey, Mary

From: Stalls, Denise M. [DStalls@ouc.com]
To: Harvey, Mary
Sent: Tuesday, June 03, 2008 11:35 AM
Subject: Read: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Your message

To: DStalls@ouc.com
Subject:

was read on 6/3/2008 11:35 AM.

Harvey, Mary

From: Newland, Larry T. (Todd) [NewlandLT@bv.com]
To: undisclosed-recipients
Sent: Tuesday, June 03, 2008 11:52 AM
Subject: Read: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Your message

To: NewlandLT@bv.com
Subject:

was read on 6/3/2008 11:52 AM.

Harvey, Mary

From: Newland, Larry T. (Todd) [NewlandLT@bv.com]
Sent: Tuesday, June 03, 2008 11:53 AM
To: Harvey, Mary
Subject: RE: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Received.

-----Original Message-----

From: Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]
Sent: Tuesday, June 03, 2008 11:29 AM
To: Jan C. Aspuru, Orlando Utilities Commission; Denise Stalls, Orlando Utilities Commission; Newland, Larry T. (Todd); Bradner, James; Lori Cunniff, Orange County EPD; Katy Forney, EPA Region 4
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

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The original message is included and appears as an attachment to this message. It has not been modified, but caution should be exercised in opening any attachments from the Internet, especially when they may potentially damage your system.

----- End of text added by a Black & Veatch mail relay

Harvey, Mary

From: Stalls, Denise M. [DStalls@ouc.com]
Sent: Tuesday, June 03, 2008 1:47 PM
To: Harvey, Mary
Subject: RE: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

From: Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]
Sent: Tuesday, June 03, 2008 11:29 AM
To: Aspuru, Jan; Stalls, Denise M.; Larry T. Newland, Black and Veatch; Bradner, James; Lori Cunniff, Orange County EPD; Katy Forney, EPA Region 4
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

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DEP, Bureau of Air Regulation

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Harvey; Mary

From: Aspuru, Jan [JAspuru@ouc.com]
To: Harvey, Mary
Sent: Tuesday, June 03, 2008 5:58 PM
Subject: Read: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Your message

To: JAspuru@ouc.com
Subject:

was read on 6/3/2008 5:58 PM.

Harvey, Mary

From: Lori.Cunniff@ocfl.net
To: Harvey, Mary
Sent: Tuesday, June 03, 2008 2:02 PM
Subject: Read: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Your message


To: Lori.Cunniff@ocfl.net
Subject:

was read on 6/3/2008 2:02 PM.

Harvey, Mary

From: Lori.Cunniff@ocfl.net
Sent: Tuesday, June 03, 2008 2:03 PM
To: Harvey, Mary
Subject: RE: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

Lori Cunniff, CEP, Manager
Orange County Environmental Protection Div.
800 Mercy Drive
Orlando, Florida 32808
407-836-1405 office
407-836-1452 fax
Lori.Cunniff@ocfl.net

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From: Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]
Sent: Tuesday, June 03, 2008 11:29 AM
To: Jan C. Aspuru, Orlando Utilities Commission; Denise Stalls, Orlando Utilities Commission; Larry T. Newland, Black and Veatch; Bradner, James; Cunniff, Lori; Katy Forney, EPA Region 4
Cc: Branum, Corrie; Walker, Elizabeth (AIR); Gibson, Victoria
Subject: Final Air Permt No. 0950137-021-AC - Orlando Utilities Commission

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6/3/2008