

Memorandum

Florida Department of Environmental Protection

TO: Mike Cooke

FROM: Trina Vielhauer

DATE: June 29, 2004

SUBJECT: Peace River Citrus Products, Inc.
Facility Citrus Throughput

Attached for approval and signature is the intent to issue an air construction permit to allow Peace River Citrus Products, Inc. to convert the plant capacity restrictions from operation hours to total boxes of fruit processed for the peel dryer, pellet cooler, and three boilers, at its citrus juice processing plant located at 4104 Highway 72, Arcadia, DeSoto County, Florida 34265-0730. There is no emissions increase associated with this project. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

One comment was received during the public comment period from Peace River Citrus Products, Inc. and was addressed to their satisfaction.

After explaining that the new citrus legislation would make the need for this permit moot and the permit will cease to exist on July 1, the applicant still insisted that they want the permit for their files. *J*

I recommend your approval and signature.

Attachments

/es

*J We tried to explain but
they insisted on getting this permit.*

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Mr. Bart Plymale, Vice President of Operations
Peace River Citrus Products, Inc.
Post Office Box 730
Arcadia, Florida 34265-0730

DEP File No. 0270003-012-AC
Facility Citrus Throughput
DeSoto County

Enclosed is Final Permit Number 0270003-012-AC. This permit authorizes Peace River Citrus Products, Inc. to convert the plant capacity restrictions from operation hours to total boxes of fruit processed for the peel dryer, pellet cooler, and three boilers, at its citrus juice processing plant located at 4104 Highway 72, Arcadia, DeSoto County. 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 thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

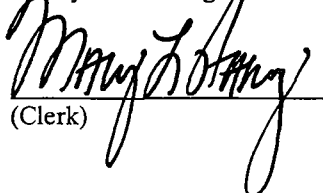
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 6/30/04 to the person(s) listed:

Mr. Bart Plymale, Peace River Citrus Products, Inc.*
Mr. Wayne Griffin, P.E., G2 Services Ltd.
Mr. Jason Waters, DEP SWD

Clerk Stamp

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


(Clerk)

6/30/04
(Date)

1 APPLICANT NAME AND ADDRESS

Peace River Citrus Products, Inc.
P.O. Box 730
Arcadia, Florida 34265-0730
Authorized Representative: Mr. Bart Plymale, Vice President of Operations

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. The project is a request to convert the plant capacity restrictions from operation hours to 13.47 million total boxes of fruit processed annually for the peel dryer, pellet cooler, and three boilers. The applicant has stated that there is no increase in fuel use or plant capacity due to the project. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are Citrus Peel Dryer I.D. 001, Citrus Peel Pellet Mill, I.D. 003, 750 HP Boiler #1, I.D. 004, 750 HP Boiler #2, I.D. 005, and, 750 HP Boiler #3, I.D. 006.

There are no emissions increases associated with this project.

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-204, 62-210, 62-212 and 62-297, F.A.C. The existing facility is located in an area designated, in accordance with Rule 62-204.340, F.A.C., as attainment or unclassifiable for the criteria pollutants ozone, PM₁₀, carbon monoxide, SO₂, nitrogen dioxide and lead. This facility is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant exceed 100 tons per year (TPY). The Department has previously found that citrus juice processing facilities such as this facility have potential emissions of VOC exceeding 250 TPY.

This facility is not within an industry included in the list of the 28 Major Facility Categories per Table 212.400-1 of Chapter 62-212, F.A.C. Because emissions are greater than 250 TPY for at least one criteria pollutant (VOC), the facility is also an existing Major Facility with respect to Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD). The net increase in emissions of PM/PM₁₀, NO_x, SO₂, CO and VOC do not exceed the PSD significance levels of Table 212.400-2 of Chapter 62-212, F.A.C. Therefore the project is not subject to PSD requirements of Rule 62-212.400, F.A.C., for these pollutants.

The applicant stated that this facility is not a major source of hazardous air pollutants (HAPs). This project is not subject to a case-by-case MACT determination, per Rule 62-204.800(10)(d)2, F.A.C., because it does not result in the construction or reconstruction of a major source of HAP emissions. This project is not subject to any requirements under the National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or 63.

3 SOURCE IMPACT ANALYSIS

An impact analysis was not required for this project because it is not subject to the requirements of PSD.

4 EXCESS EMISSIONS

Excess emissions for this emissions unit are specified in Section II of the permit. This permitting action does not change any authorization for excess emissions provided by other Department permits for other emissions units

5 LIMITS AND COMPLIANCE REQUIREMENTS

The permit limits the total fruit processed by the plant in a 12-month period as the method of limiting emissions. Additional specific emission limits were not imposed because the potential emissions are well below the PSD significance criteria. The operating limits and the compliance requirements are detailed in Section III of the permit.

6 PRELIMINARY DETERMINATION

Based on the foregoing technical evaluation of the application and additional information submitted by the applicant and other available information, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations. The Department's preliminary determination is to issue the draft permit to allow sufficient operating hours for the peel dryer, pellet cooler, and three boilers to process 13.47 million boxes of citrus fruit in any consecutive 12 month period which can be accomplished in an estimated 4,500 hours, subject to the terms and conditions of the draft permit.

7 FINAL DETERMINATION

An "INTENT TO ISSUE AIR CONSTRUCTION PERMIT" to Peace River Citrus Products, Inc. for their existing citrus juice processing plant located at 4104 Highway 72, Arcadia, DeSoto County was clerked on June 10, 2004. The "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" was published in the DeSoto Sun on June 14, 2004. The Draft Air Construction Permit was available for public inspection at the Southwest District office in Tampa and the permitting authority's office in Tallahassee. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was received on June 16, 2004.

One comment was received during the fourteen (14) day public comment period. The comment requested that the references to Appendix CP-1, a compliance plan for the replacement of gas burners, be removed because the burner replacement has been completed. The Department agrees with the comment. As a result of the comment, the following changes to permit 0270003-012-AC are made:

From:

Section III, Subsection A, {Permitting note(s): These emissions units are regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards. Note this emissions unit. This emission unit is subject to a compliance plan (see Appendix CP-1) for the installation of new natural gas burners.}

Section III, Subsection C, {Permitting note(s): These emissions units are regulated under NSPS - 40 CFR 60, Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rule 62-204.800(7)(b)4., Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with less than 250 Million Btu per Hour Heat Input, New and Existing Units. These emission units are subject to a compliance plan (see Appendix CP-1) for the installation of new natural gas burners.}

To:

Section III, Subsection A, {Permitting note(s): This emissions unit is regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards.}

Section III, Subsection C, {Permitting note(s): These emissions units are regulated under NSPS - 40 CFR 60, Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rule 62-204.800(7)(b)4., Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with less than 250 Million Btu per Hour Heat Input, New and Existing Units.}

DETAILS OF THIS ANALYSIS MAY BE OBTAINED BY CONTACTING:

Edward J. Svec, Engineer IV
Department of Environmental Protection
Bureau of Air Regulation
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/488-0114



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

PERMITTEE

Peace River Citrus Products, Inc.
P.O. Box 730
Arcadia, Florida 34265-0730

Permit No.	0270003-012-AC
Project	Facility Citrus Throughput
SIC No.	2037
Expires:	July 1, 2004

Authorized Representative:

Bart Plymale, Vice President of Operations

PROJECT AND LOCATION

This permit authorizes Peace River Citrus Products, Inc., to convert the plant capacity restrictions from operation hours to total boxes of fruit processed for the peel dryer, pellet cooler, and three boilers.

This facility is located at 4104 Highway 72, Arcadia, DeSoto County; UTM Coordinates: Zone 17, 409.8 km East and 3010.1 km North; Latitude: 27° 12' 50" North and Longitude: 81° 54' 40" West.

STATEMENT OF BASIS

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297.

The above named permittee is authorized to construct the emissions units 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 of Environmental Protection (Department).

APPENDICES

The attached appendix is a part of this permit:

Appendix GC General Permit Conditions

Michael G. Cooke, Director
Division of Air Resource
Management

AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

This facility consists of one citrus peel dryer equipped with a waste heat evaporator and an integral scrubber to control particulate emissions; one citrus peel pellet cooler mill with a cyclone to control particulate emissions; and three steam boilers (nos. 1, 2, and 3).

The project is a request to convert the plant capacity restrictions from operation hours to 13.47 million total boxes of fruit processed annually for the peel dryer, pellet cooler, and three boilers. The applicant has stated that there is no increase in fuel use or plant capacity due to the project. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are Citrus Peel Dryer I.D. 001, Citrus Peel Pellet Mill, I.D. 003, 750 HP Boiler #1, I.D. 004, 750 HP Boiler #2, I.D. 005, and, 750 HP Boiler #3, I.D. 006.

There are no emissions increases associated with this project.

The facility information, project scope, emissions and rule applicability are described in detail in the Department's Technical Evaluation and Preliminary Determination.

REVIEWING AND PROCESS SCHEDULE

May 24, 2004	Received permit application (no application fee required)
May 24, 2004	Application complete
June 10, 2004	Distributed Notice of Intent to Issue and supporting documents
June 14, 2004	Notice of Intent published in DeSoto Sun

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Permit application
- Department's Technical Evaluation and Determination
- Department's Intent to Issue

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

The following specific conditions apply to all emissions units at this facility addressed by this permit.

ADMINISTRATIVE

1. Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to reports, tests, minor modifications and notifications shall be submitted to the Department's Southwest District office at 3804 Coconut Palm Drive, Tampa, Florida 33619, and phone number 813/744-6100.
2. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403, F.S. [Rule 62-4.160, F.A.C.]
3. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit 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.; Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297, F.A.C.; and, the Code of Federal Regulations Title 40, Part 60, adopted by reference in the F.A.C. regulations. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., 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. Expiration: This air construction permit shall expire on July 1, 2004. On July 1, 2004, the facility shall comply with the provisions of section (s.) 403.08725, Florida Statutes (F.S.), in lieu of obtaining air pollution construction and operation permits, notwithstanding the permit requirements of subsection (ss.) 403.087(1), F.S., and s. 403.0872, F.S.
7. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Title V Operation Permit Required: This permit authorizes construction and/or installation of the permitted emissions unit and initial operation to determine compliance with Department rules. A revision to the Title V operation permit is required for regular operation of the permitted emissions unit. The owner or operator shall apply for a Title V operation permit at least ninety 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

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Southwest District office. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

OPERATIONAL REQUIREMENTS

9. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's Southwest District office. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its 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 Department rules. [Rule 62-4.130, F.A.C.]
10. 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.]
11. Excess Emissions: This permit does not change any authorization for excess emissions provided by other Department permits for other emissions units. The following excess emissions provisions of state rule apply to these emissions units (emissions unit I.D. 001, 003, 004, 005, and 006) as specified below.
 - (a) Excess emissions resulting from start-up and shutdown are 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.
 - (b) Excess emissions resulting from malfunction of this 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.
 - (c) 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 start-up, shutdown, or malfunction shall be prohibited.

[Rules 62-210.700(1), (4) and (5), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

12. Determination of Process Variables: [Rule 62-297.310(5), F.A.C.]
 - (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

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

REPORTING AND RECORD KEEPING REQUIREMENTS

13. Duration of Record Keeping: 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. 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 five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. [Rules 62-4.160(14)(a)&(b) and 62-213.440(1)(b)2.b., F.A.C.]
14. Excess Emissions Report: In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department's Southwest District office within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
15. Annual Operating Report for Air Pollutant Emitting Facility: The Annual Operating Report for Air Pollutant Emitting Facility shall be completed each year and shall be submitted to the Department's Southwest District office and, if applicable, the appropriate local program by March 1 of the following year. [Rule 62-210.370(3), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

Subsection A. This section addresses the following emissions unit(s).

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Citrus Peel Dryer

The citrus peel dryer has a design process input rate of 65,090 pounds/hour of pressed peel and lime (approx. 28% solids), with a maximum product output rate of 20,250 pounds/hour of dried peel (approx. 90% solids). The peel dryer is fired with natural gas or No. 4, No. 5, or No. 6 fuel oil, with a maximum sulfur content of 1.8% S by weight, at a maximum heat input rate of 54.0 MMBtu/hr (360 gallons/hour). The exhaust gas from the peel dryer is sent to a 50,000 pound/hour (water removal capacity) waste heat evaporator which functions as an indirect heat exchanger to drive moisture from the press liquor (from the vertical peel press), and also acts as a particulate scrubber control device.

{Permitting note(s): This emissions unit is regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards.}

The following specific conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Capacity.

- a. The maximum process input rate to the peel dryer shall not exceed 65,090 pounds per hour (32.5 tons/hr) total input, including water (monthly average basis).
- b. The maximum heat input to the peel dryer shall not exceed 54 MMBtu per hour (monthly average basis).

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0270003-004-AC]

A.2. Methods of Operation - (i.e., Fuels).

The fuel used by the peel dryer shall be limited to natural gas or new No. 4, No. 5, or No. 6 fuel oil with a sulfur content not to exceed 1.8% S by weight. No used or recycled oil shall be fired. [Rules 62-210.200(233), 62-4.160(2), and 62-213.440(1), F.A.C.; 0270003-004-AC; and, 0270003-010-AC]

A.3. Fruit Throughput Limited: The owner or operator shall not process more than 13.47 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10th day of each following month. For the purpose of determining potential emissions, the hours of operation are estimated to be 4,500 hours per any 12 consecutive month period. [Rule 62-4.070(3), F.A.C. and 0270003-012-AC]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

Emission Limitations and Standards

A.4. Particulate matter emissions from the peel dryer waste heat evaporator shall not exceed a maximum emission rate of 20.0 pounds per hour or the maximum allowable rate as set by the Process Weight Table equations contained within Rule 62-296.320(4)(a), F.A.C., whichever is lower. In combination with the limitation contained in Specific Condition **A.3.**, this results in a maximum allowable annual particulate matter emissions of 45 tons per 12 consecutive month period. [Rule 62-296.320(4)(a), F.A.C.; and, 0270003-004-AC]

{Permitting Note: For lower process rates, i.e. those below 32,000 pounds per hour, the process weight rule equation limitation will be the more stringent limitation.}

A.5. Visible emissions from the waste heat evaporator exhaust stack shall not be equal to or greater than 20% opacity. [Rule 62-296.320(4)(b)(1), F.A.C.]

A.6. Emissions of sulfur dioxide (SO₂) from all permitted emission units at this facility (e.g., Boiler Nos. 1, 2, & 3 and the peel dryer) shall not exceed 90 tons in any 12 consecutive month period. [0270003-004-AC; and, 0270003-006-AC]

Test Methods and Procedures

A.7. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted 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 emissions 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*. [Rules 62-297.310(2) & (2)(b), F.A.C.]

* Clarification: When a unit is limited to an operating rate at 110% of the tested rate, the permittee may provide notice of an additional test (as in notification condition 16). That notice may specify a 15 day period when the unit will be allowed to operate at higher capacities for the purpose of additional testing. For example, the first five days of the 15 day period may be used to bring the unit up to a higher production level; the next five days may be used for the tests themselves. After the final test, the unit must be returned to the capacity which existed prior to the most recent test. Upon written approval by the Department of the most recent test results, the unit may then operate at 110% of the most recent test load, not to exceed the maximum permitted rate.

A.8. 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.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

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 Rule 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:

- a Did not operate; or
 - b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
4. 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:
- a. Visible emissions, if there is an applicable standard;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
 - c. Each NESHAP pollutant, if there is an applicable emission standard.
5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.
8. Any combustion turbine that does not operate for more than 400 hours per year shall term of its air operation permit.
9. 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 may 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.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

A.9. The waste heat evaporator (WHE) exhaust shall be tested for particulate matter (PM), visible emissions (VE), and sulfur dioxide (SO₂)* when burning fuel oil and for PM and VE, when burning natural gas, annually on, or during the 60 day period prior to February 15 (see Specific Conditions **A.11**.

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

and A.13.). The test results shall be submitted to the Air Compliance Section of this office within 45 days of testing. Acceptance of the test by this office will automatically constitute an amended permit at the higher tested rate plus 10%, but in no case shall the maximum permitted rate shown above be exceeded. Failure to submit the following records with the test report may invalidate the test and fail to provide reasonable assurance of compliance:

- The pressed wet peel input rate to the dryer during the test.
- The natural gas or fuel oil usage rate to the dryer during the test.
- If applicable, documentation of the fuel oil's type and sulfur content that was used during the test.
- The WHE's scrubber water feed pump operating pressure shall be recorded during the emission compliance test. At least one reading shall be taken and recorded during each run of the particulate emission compliance test and the readings shall be included with any peel dryer test report.

[0270003-010-AC]

* The sulfur dioxide test shall be used to determine the control efficiency for sulfur dioxide removal when burning fuel oil, and, at the permittee's option, is not required unless the sulfur dioxide removal efficiency is used in demonstrating compliance with Specific Condition A.6. The most recent sulfur dioxide test must be used in demonstrating compliance with Specific Condition A.6., and any compliance demonstration must use a test which has been accepted by the Department no more than eighteen months prior to the compliance demonstration.

A.10. Testing per Specific Condition A.9. shall be conducted using EPA Methods 1, 2, 3, 4, 5, 6 or 6c, and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Chapter 62-297, F.A.C. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60, Appendix A. [Chapter 62-297, F.A.C.]

A.11. If practical, the annual compliance tests shall be conducted while firing No. 6 fuel oil with a sulfur content of at least 1.4% S, but no greater than 1.8% S. If it is not possible to test when burning No. 6 fuel oil then future operation is limited to the fuel oil type tested or lower (example: if No. 5 oil is tested, then No. 5 or No. 4 oil may be used) until another compliance test with a worse (i.e. higher fuel oil number) grade fuel oil is successfully tested and a test report submitted to the Department. If No. 6 fuel oil is tested with a sulfur content of less than 1.4% sulfur, then future operation with No. 6 fuel oil is limited to oil with a sulfur content not to exceed the tested sulfur content + 0.2% S (example: if No. 6 oil with sulfur content of 1.0% S is tested then use of No. 6 oil with a sulfur content of no greater than 1.2% is allowed) until another compliance test with a higher sulfur content No. 6 fuel oil is successfully tested and a test report submitted to the Department. A statement of the fuel oil type being burned during the compliance test shall be included with all test reports. [Rule 62-4.070(3), F.A.C.]

{Permitting Note: See Specific Condition A.13. for additional requirements regarding compliance testing when firing fuel oil.}

A.12. Compliance with the fuel oil sulfur content limitation Specific Condition A.2. shall be demonstrated during PM and VE compliance tests through submission of either of the following with the test report:

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- a. Results of fuel oil analysis from the fuel oil vendor showing the sulfur content representative of the fuel fired during the compliance test;
- b. Results of fuel oil analysis (conducted according to the appropriate ASTM method of 62-297.440, F.A.C.) showing the sulfur content for a fuel oil sample taken during the compliance test.

[Rule 62-297.440, F.A.C.]

A.13. Compliance testing of the dryer/waste heat evaporator shall be conducted when firing No. 6 fuel oil, if fuel oil has been used in the dryer for more than 400 hours for the previous 12 months, or if it is expected to be used in the dryer for more than 400 hours during the next 12 months. If the test is conducted while firing natural gas and in the 12 month period following the test No. 6 fuel oil is burned for more than 400 hours, then an additional VE test (while burning No. 6 oil in the dryer) shall be conducted within 30 days of having passed the 400 hour fuel oil burning level. The permittee shall submit a statement of the fuel operating mode (type of fuel and heat input rate) as a part of the compliance test report. Failure to submit the fuel operation mode statement may invalidate the data and fail to provide reasonable assurance of compliance. [0270003-010-AC]

Monitoring, Recordkeeping and Reporting Requirements

A.14. In order to document compliance with the operating hour limitation of Specific Condition A.3., the permittee shall maintain a record of daily peel dryer operating hours. The records shall also include a summary of total operating hours for each month and the most recent 12 consecutive month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request. For the purpose of determining operating hours, the dryer is considered to be operating at any time when fuel is being fired. [0270003-010-AC]

A.15. In order to document compliance with Specific Condition A.1., the permittee shall maintain monthly records of the weight of wet peel input processed (pounds/hour), heat input to the dryer (MMBTU/hour), the type of fuel used, and the amount of each type of fuel used (gallons/hour or Cubic foot/hour). The wet peel input (pounds/hour) and the heat input to the dryer (MMBTU/hour) shall be calculated on a monthly average basis. These records shall be recorded in a permanent form suitable for inspection by the Department upon request. [0270003-010-AC]

A.16. In order to document continuing compliance with Specific Condition A.2., records of the sulfur content, in % by weight, of the fuel oil used in the peel dryer furnace shall be kept, based on either vendor provided as-shipped analysis, or on analysis of as-received samples taken at the plant. The above records shall be maintained and made available to the Department upon request. [Rule 62-4.070(3), F.A.C.]

A.17. Compliance with the facility-wide sulfur dioxide emission limitation (see Specific Condition A.6.) shall be demonstrated by the permittee through keeping of records of the fuel oil sulfur content and fuel oil consumption for all of the combustion emission units, and calculation of sulfur dioxide emissions each month and on a rolling 12 month total basis. The sulfur dioxide (SO₂) emissions for the facility shall be calculated each month by multiplying the quantity of each type of fuel oil burned

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for that month by the average sulfur content of that fuel for that month; and by assuming that all fuel oil sulfur combines with oxygen to form sulfur dioxide; and by assuming that all fuel oil sulfur dioxide is emitted by the emission units (However, see Specific Condition A.16. below regarding SO₂ removal while burning fuel oil). Such monthly and rolling 12-month total sulfur dioxide calculations shall be completed no later than 10 days following the end of each month. These records shall be recorded in a permanent form suitable for inspection by the Department upon request. [0270003-004-AC]

A.18. The permittee may consider control of sulfur dioxide (SO₂) emissions from the peel dryer in the calculation of total facility sulfur dioxide emissions only if the permittee demonstrates the removal efficiency of the waste heat evaporators via a stack test. Such stack test shall demonstrate the sulfur dioxide removal efficiency by determining the waste heat evaporator influent (inlet) and effluent (outlet) sulfur dioxide concentrations. The influent (inlet) sulfur dioxide concentrations may be calculated stoichiometrically, while the outlet concentration shall be measured via EPA Methods 6A, 6B, 6C, or 8 as appropriate given the testing conditions. Such test shall be conducted each year that the permittee considers waste heat evaporator control efficiency in the calculation of sulfur dioxide emissions, and shall be conducted in conjunction with the annual particulate matter compliance stack test. The removal efficiency established during the most recent test shall be used in the sulfur dioxide emission calculations, and shall be applied to only those sulfur dioxide emissions resulting from the combustion of fuel oil in the peel dryer. [Chapter 62-297, F.A.C.; and, 0270003-004-AC]

A.19. A statement of the waste heat evaporator's scrubber water feed pump operating pressure, during the test period shall be included with any sulfur dioxide removal efficiency demonstration test report. [Rule 62-4.070(3), F.A.C.]

A.20. Waste Heat Evaporator (WHE) operating parameters, including the scrubber water feed pump operating pressure, shall be maintained at a minimum of 90% of the values measured and recorded during the most recent particulate matter emission compliance test. WHE parameters shall be recorded at least once during each 8-hour shift. If the permittee considers the sulfur dioxide removal efficiency of the waste heat evaporator in the calculation of sulfur dioxide emissions, then, in order to insure that this removal efficiency is being maintained, the scrubber feed pump operating pressure during normal operation shall be a minimum of 90% of the pressure measured during the most recent annual removal efficiency demonstration test. [Rule 62-213.440, F.A.C.; and, 0270003-010-AC]

A.21. Monthly and daily records required in the above conditions shall be completed no later than 10 working days after the close of the reporting month and 3 days after the close of the reporting day, respectively. [0270003-010-AC]

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The following specific conditions apply to the following emissions units after construction.

Subsection B. This section addresses the following emissions unit(s).

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-003	Citrus Peel Pellet Mill

The Citrus Peel Pellet Mill has a design process input rate of 20,250 pounds per hour (10.125 tons per hour) of dried citrus peel. Dried citrus peel from the feed mill dryer is sent to the pellet mill where molasses is added and it is cooled and formed into pellets for use as an animal feed supplement. Particulate matter emissions from the pellet mill are controlled by a CPM Model 2726-7 cyclone collector.

{Permitting note(s): These emissions units are regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards.}

The following specific conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

B.1. Capacity. The maximum process input rate to the pellet mill shall not exceed 20,250 pounds per hour (10.125 tons/hour) of dried peel. [Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, AC14-229962M]

B.2. Fruit Throughput Limited: The owner or operator shall not process more than 13.47 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10th day of each following month. For the purpose of determining potential emissions, the hours of operation are estimated to be 4,500 hours per any 12 consecutive month period. [Rule 62-4.070(3), F.A.C. and 0270003-012-AC]

Emission Limitations and Standards

B.3. The maximum allowable emission rate of particulate matter for the maximum process input rate of 20,250 pounds per hour (10.125 tons/hour) of dried peel is 15.1 pounds per hour as set by the Process Weight Table contained within Rule 62-296.320(4)(a), F.A.C. At lesser process input rates the allowable emission rates can be determined from the equation $E = 3.59 P^{0.62}$. In combination with the operating limitation contained in Specific Condition **B.2.**, this results in a maximum allowable annual particulate matter emissions of 34.0 tons per year. [Rule 62-296.320(4)(a), F.A.C.]

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B.4. Visible emissions shall not exceed an opacity of 5% as reasonable assurance of compliance with the pounds per hour particulate matter limitation of Specific Condition **B.3.** [AC14-229962M]

Test Methods and Procedures

B.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.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a 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 Rule 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:

- a. Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

4. 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:

- a. Visible emissions, if there is an applicable standard;
- b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
- c. Each NESHAP pollutant, if there is an applicable emission standard.

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.

8. Any combustion turbine that does not operate for more than 400 hours per year shall term of its air operation permit.

9. 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 may 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.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure

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established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

A statement of the dried peel process input rate shall be included with all test reports. Failure to submit the process input rate, or operating under conditions that are not representative of normal operation, may invalidate the test and fail to provide reasonable assurance of compliance. [Rules 62-297.310(7) and 62-4.070(3), F.A.C.; and, SIP approved]

B.6. Compliance with the visible emission limitation of Specific Condition **B.4.** shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Chapter 62-297, F.A.C. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A. [Chapter 62-297, F.A.C.]

Recordkeeping and Reporting Requirements

B.7. In order to document compliance with Specific Conditions **B.1.** and **B.2.**, the permittee shall maintain a record of daily pellet mill operating hours and the amount of dried peel fed to the pellet mill. The records shall also include a summary of total operating hours and dried peel fed to the pellet mill for each month and the most recent 12 consecutive month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request. [Rule 62-213.440, F.A.C.]

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The following specific conditions apply to the following emissions units after construction.

Subsection C. This section addresses the following emissions unit(s).

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-004	750 HP Boiler #1
-005	750 HP Boiler #2
-006	750 HP Boiler #3

Three (3) 750 HP Johnson fire tube boilers are used to provide steam in a citrus processing facility. These boilers are designated as Boiler No. 1 (North), Boiler No. 2 (South), and Boiler No. 3 (southernmost boiler). Boilers Nos. 1 and 2 are fired with No. 4 (or better) fuel oil with a maximum sulfur content of 0.50% by weight, at a maximum heat input rate of 29.05 MMBtu/hr (each). Boiler No. 3 is fired with new No. 4 (or better) fuel oil with a maximum sulfur content of 0.50% by weight, at a maximum heat input rate of 29.05 MMBtu/hr (194 gallons/hour). Boiler Nos. 1, 2, 3 can be fired with natural gas at a rate of 30,473 cubic feet/hour or approximately 31.7 MMBTU/hr.

{Permitting note(s): These emissions units are regulated under NSPS - 40 CFR 60, Subpart Dc, Small Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rule 62-204.800(7)(b)4., Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with less than 250 Million Btu per Hour Heat Input, New and Existing Units.}

The following specific conditions apply to the emissions unit(s) listed above:

Essential Potential to Emit (PTE) Parameters

C.1. Capacity.

The maximum heat input or fuel firing rate (monthly average basis) to each boiler shall not exceed, the following:

Boiler	Fuel Oil	Natural Gas
1	29.05 MMBTU per hour	30,473 Cubic Feet per hour
2	29.05 MMBTU per hour	30,473 Cubic Feet per hour
3	194 Gallons per hour	30,473 Cubic Feet per hour

Note: Natural Gas fuel firing rate of 30,473 CF/hr corresponds to a heat input rate of approximately 31.7 MMBTU/hr. The Fuel Oil fuel firing rate of 194 gal/hr corresponds to a heat input rate of approximately 29.1 MMBTU/hr.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; 0270003-004-AC; 0270003-010-AC; AC14-229964 and, 0270003-006-AC]

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C.2. Methods of Operation - (i.e., Fuels).

Boiler Nos. 1, 2, and 3 are each permitted to fire only natural gas or new No. 4 (or better) fuel oil with a sulfur content not to exceed 0.50% by weight. No used or recycled oil shall be fired. [Rules 62-210.200(233), 62-4.160(2), and 62-213.440(1), F.A.C.; 40 CFR 60.42c(d); BACT Determination May 17, 1993; 0270003-006-AC; and, 0270003-010-AC]

{Permitting Note: Natural gas as a fuel for Boiler Nos. 1, 2, 3 is considered consistent with the BACT dated May 17, 1993 and Rule 62-296.406, F.A.C.}

C.3. Fruit Throughput Limited: The owner or operator shall not process more than 13.47 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10th day of each following month. For the purpose of determining potential emissions for Boiler Nos. 1, 2, and 3 (the sum total of all three boilers), the total hours of operation are estimated to be 12,600 hours per any 12 consecutive month period. [Rule 62-4.070(3), F.A.C. and 0270003-012-AC]

Emission Limitations and Standards

C.4. Visible emissions from Boilers Nos. 1, 2, and 3 shall not exceed 20% opacity, except for one two-minute period per hour during which opacity shall not exceed 40%. [Rule 62-296.406(1), F.A.C.]

C.5. Emissions of sulfur dioxide (SO₂) from all permitted emission units at this facility (e.g., Boiler Nos. 1, 2, & 3 and the peel dryer) shall not exceed 90 tons in any 12 consecutive month period. [0270003-004-AC; and, 0270003-006-AC]

Test Methods and Procedures

C.6. 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.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a 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 Rule 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:

- a Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

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4. 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:

- a. Visible emissions, if there is an applicable standard;
- b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
- c. Each NESHAP pollutant, if there is an applicable emission standard.

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.

8. Any combustion turbine that does not operate for more than 400 hours per year shall term of its air operation permit.

9. 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 may 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.

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

C.7. The visible emissions compliance test for any of the boilers could be waived*, on a year to year basis, if fuel oil has not been used in that boiler for more than 400 hours during the previous 12 month period. If this testing waiver is used, a letter from the permittee shall be submitted to the Air Compliance Section of the Department's Southwest District Office within the 15 day period prior to the applicable visible emissions compliance test due date. The letter shall include a statement that fuel oil has not been used in that boiler for more that 400 hours since the last visible emissions compliance test due date.

- * If a visible emissions compliance test is submitted for a boiler that is fired with natural gas during the test period or a testing waiver for a boiler is granted by the Department, then during the next 12 month period, within 30 days of exceeding the 400th hour of using fuel oil in that boiler, a new compliance test shall be conducted using fuel oil.

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Regardless of the fuel usage, the visible emissions compliance test due during the 12 month period prior to the expiration date of this permit shall be conducted if the permittee intends to renew this permit.

Conducting a visible emissions test on a boiler when using No. 4 (or better) fuel oil will allow that boiler to switch to natural gas at any time without requiring another visible emissions compliance test prior to the next annual test due date.

[Rules 62-297.310(7)(c) and 62-4.070(3), F.A.C.]

C.8. Compliance with the limitations of Specific Condition **C.4.** shall be determined using DEP Method 9 contained in Chapter 62-297, F.A.C. Testing of emissions must be conducted when the emission unit being tested is in operation and the test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A. [Chapter 62-297, F.A.C.]

C.9. Ongoing compliance with the fuel sulfur content requirements of Specific Condition **C.2.** shall be demonstrated based upon fuel supplier certification of fuel oil shipment sulfur content. (See Condition **C.12.**) [Rules 62-4.070(3) and 62-296.800, F.A.C.; and, 40 CFR 60.48c(e)]

C.10. Compliance with the fuel oil sulfur content limitation Specific Condition **C.2.** shall be demonstrated during VE compliance tests through submission of either of the following with the test report:

- a. Results of fuel oil analysis from the fuel oil vendor showing the sulfur content representative of the fuel fired during the compliance test;
- b. Results of a fuel oil analysis showing the sulfur content for a fuel oil sample taken during the compliance test.

The submittal must contain all of the information listed in Condition **C.12.** [Rules 62-4.070(3) and 62-296.800, F.A.C.; and, 40 CFR 60.44c(g) and (h)]

Recordkeeping and Reporting Requirements

C.11. In order to document compliance with the operating hour limitation of Specific Condition **C.3.**, the permittee shall maintain a record of daily operating hours (defined as any period when fuel is being fired) for each boiler and the sum total of all three boilers. The records shall also include a summary of total operating hours for each month and the most recent consecutive 12-month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request. [0270003-010-AC]

C.12. In order to document compliance with the fuel oil sulfur content and sulfur dioxide emission limitations of Specific Conditions **C.2.** and **C.5.**, the permittee shall maintain the following records for each oil shipment as required by 40 CFR 60.48c(f) for residual oil:

- a. the name of the oil supplier;

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- b. the location of the oil when it was sampled for the sulfur content analysis (i.e. at oil refinery, in supplier storage tank, from delivery truck, etc.);
- c. the sulfur content of the shipment based upon analysis of the above oil sample; and
- d. the analysis method used to determine the sulfur content of the oil.

These records shall be recorded in a permanent form suitable for inspection by the Department upon request. [Rule 62-296.800, F.A.C.; and, 40 CFR 60.48c(f) and (i)]

C.13. Compliance with the facility-wide sulfur dioxide emission limitation (see Specific Condition C.5.) shall be demonstrated by the permittee through keeping of records of the fuel oil sulfur content and fuel oil consumption for all of the combustion emission units, and calculation of sulfur dioxide emissions each month and on a rolling 12 month total basis. The sulfur dioxide emissions (SO₂) for the facility shall be calculated each month by multiplying the quantity of each type of fuel oil burned for that month by the average sulfur content of that fuel for that month; and by assuming that all fuel oil sulfur combines with oxygen to form sulfur dioxide; and by assuming that all fuel oil sulfur dioxide is emitted by the emission units (However, see Specific Condition C.14. below regarding SO₂ removal while burning fuel oil). Such monthly and rolling 12-month total sulfur dioxide calculations shall be completed no later than 10 days following the end of each month. These records shall be recorded in a permanent form suitable for inspection by the Department upon request. [0270003-004-AC]

C.14. The permittee may consider control of sulfur dioxide emissions from the peel dryer in the calculation of total facility sulfur dioxide emissions only if the permittee demonstrates the removal efficiency of the waste heat evaporators via a stack test. Such stack test shall demonstrate the sulfur dioxide removal efficiency by determining the waste heat evaporator influent (inlet) and effluent (outlet) sulfur dioxide concentrations. The influent (inlet) sulfur dioxide concentrations may be calculated stoichiometrically, while the outlet concentration shall be measured via EPA Methods 6A, 6B, 6C, or 8 as appropriate given the testing conditions. Such test shall be conducted each year that the permittee considers waste heat evaporator control efficiency in the calculation of sulfur dioxide emissions, and shall be conducted in conjunction with the annual particulate matter compliance stack test. The removal efficiency established during the most recent test shall be used in the sulfur dioxide emission calculations, and shall be applied to only those sulfur dioxide emissions resulting from the combustion of fuel oil in the peel dryer. [Chapter 62-297, F.A.C.; and, 0270003-004-AC]

C.15. The permittee shall submit quarterly reports of the fuel supplier sulfur content certification records required by Specific Condition C.5. In addition to the above, the quarterly report shall include a certified statement signed by the owner or operator of the facility that the records of the fuel supplier certifications submitted represent all of the fuel combusted during the quarter. The quarterly report shall be submitted to the Air Compliance Section of the Southwest District Office of the Department within 30 days of the end of the quarter being reported. [Rule 62-296.800, F.A.C.; and, 40 CFR 60.48c(e)(11)]

C.16. These boilers are subject to the provisions of 40 CFR 60 Subpart A - General Provisions. A copy of 40 CFR 60 Subpart A - General Provisions is available from the Department upon request. [40 CFR 60 Subpart A]

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C.17. In order to document compliance with Specific Condition C.1., the permittee shall maintain monthly records of the heat input to each boiler (MMBTU/hr), the type of fuel used, and amount of each type of fuel used (Gallons/hour or Cubic foot/hour). The heat input and the amount of fuel used for each boiler shall be calculated on a monthly average basis. These records shall be recorded in a permanent form suitable for inspection by the Department upon request. [0270003-010-AC]

C.18. If the last visible emissions test for any boiler was conducted when being fired with natural gas or was waived, at 12 month intervals following such a test, a separate log shall be used to record the following:

- a. The total hours that boiler was fired with fuel oil and the type of fuel oil burned.
- b. The cumulative total hours that boiler was fired with fuel oil for the each applicable 12 month interval. The cumulative total shall be recorded **until** the 400th hour of using fuel oil for the applicable 12 month interval is recorded.

[Rule 62-213.440(1), F.A.C.]

C.19. Monthly and daily records required in the above conditions shall be completed no later than 10 working days after the close of the reporting month and 3 days after the close of the reporting day, respectively. [0270003-010-AC]

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, 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 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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.

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, 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 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ();
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards ().
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information, required by law, which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

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