


Florida Department of
Environmental Protection

Memorandum

TO: Joseph Kahn

FROM: Edward Svec 

DATE: April 21, 2006

SUBJECT: Peace River Citrus Products, Inc.
Draft 0270003-014-AC
DRAFT 0270003-015-AV

Attached for approval and signature is the intent to issue an air construction permit and Title V air operating permit for the statutory repermitting of the Peace River Citrus Products, Inc., facility in Arcadia. The construction permit also addresses the alleged violation that sometime in 1993, Peace River Citrus Products, Inc. restarted its Arcadia facility without a valid preconstruction permit.

I recommend your approval and signature.

April 21, 2006 is day 43 of the 90 day timeclock.

/es

Attachments

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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OFFICIAL USE

Mr. Bart Plymale, Vice President of Operations

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| Return Receipt Fee (Endorsement Required) | | |
| Restricted Delivery Fee (Endorsement Required) | | |
| Total Postage & Fees | \$ | |

Sent To
Mr. Bart Plymale, Vice President of Operations
Street, Apt. No.,
or PO Box No. Post Office Box 730
City, State, ZIP+4
Arcadia, Florida 34265-0730

PS Form 3800, June 2002 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature] ☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

- D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number
(Transfer from service label)

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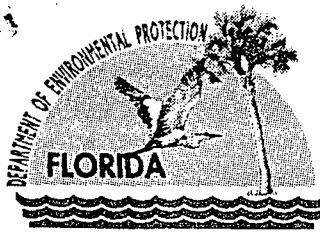
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Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF AIR RESOURCES MANAGEMENT
BUREAU OF AIR REGULATION - TITLE V
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

MS 5505

RECEIVED
MAY 08 2006
BUREAU OF AIR REGULATION



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

April 24, 2006

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

Re: Draft Air Construction Permit No.: 0270003-014-AC
DRAFT Title V Air Operation Permit Project No.: 0270003-015-AV
Arcadia Facility

Dear Mr. Plymale:

One copy of the Technical Evaluation and Preliminary Determination, the combined Public Notice, the Draft Air Construction Permit, and the DRAFT Title V Air Operation Permit for the Arcadia Facility located at 4104 Highway 72, Arcadia, Desoto County, is enclosed. The permitting authority's "INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT" and the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT" are also included.

An electronic version of the DRAFT Title V Air Operation Permit will be posted on the Division of Air Resource Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:

"<http://www.dep.state.fl.us/air/eproducts/ards/default.asp>"

The "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT" must be published as soon as possible. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permits pursuant to Rule 62-110.106(11), F.A.C.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to me at the above letterhead address. If you have any other questions, please contact Edward J. Svec, at 850/921-8985.

Sincerely,

Joseph Kahn, P.E., Chief
Bureau of Air Monitoring
and Mobile Sources

JK/es

Enclosures

"More Protection, Less Process"

Printed on recycled paper.

In the Matter of an
Application for Permits by:

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

Draft Air Construction Permit No.: 0270003-014-AC
DRAFT Title V Air Operation Permit No.: 0270003-015-AV
Arcadia Facility
Desoto County

**INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION
PERMIT**

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue an Air Construction Permit and the Title V Air Operation Permit (copies of the Draft Air Construction Permit and DRAFT Title V Air Operation Permit attached) for the Title V source detailed in the application(s) specified above and the enclosed Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Peace River Citrus Products, Inc., applied on September 19, 2005, to the permitting authority for an Air Construction Permit and a Title V Air Operation Permit for its Arcadia Facility located at 4104 Highway 72, Arcadia, Desoto County.

The sunset of section 403.08725, Florida Statutes, and resolving the alleged violation that sometime in 1993, Peace River Citrus Products, Inc., restarted its Arcadia facility without a valid preconstruction permit, required the facility to obtain this Air Construction Permit.

The sunset of section 403.08725, Florida Statutes, required the facility to obtain this Title V Air Operation Permit.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-212 and 62-213. This source is not exempt from construction and Title V permitting procedures. The permitting authority has determined that an Air Construction Permit and a Title V Air Operation Permit are required to construct and to commence or continue operations at the described facility.

The permitting authority intends to issue the Air Construction Permit and the Title V Air Operation Permit based on the belief that reasonable assurances have been provided to indicate that the construction activity and operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "**PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT.**"

The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department of Environmental Protection, Bureau of Air Monitoring and Mobile Sources, 2600 Blair Stone Road, Mail Station #5510, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax 850/ 922-6979), within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication may result in the denial of the permits pursuant to Rule 62-110.106(11), F.A.C.

The permitting authority will issue the Air Construction Permit and the PROPOSED Title V Air Operation Permit and subsequent FINAL Title V Air Operation Permit, in accordance with the conditions of the attached Draft Air Construction Permit and the DRAFT Title V Air Operation Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Air Construction Permit issuance action for a period of 14 (fourteen) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this Draft Air Construction Permit, the permitting authority shall issue a Revised Draft Air Construction Permit and require, if applicable, another Public Notice.

The permitting authority will accept written comments concerning the proposed Title V Air Operation Permit Revision issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Title V Air Operation Permit, the permitting authority shall issue a Revised DRAFT Title V Air Operation Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

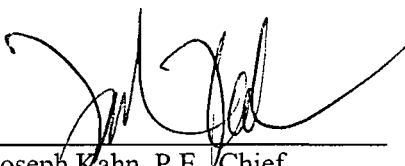
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such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

Mediation will not be available in this proceeding.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any Title V permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Tallahassee, Florida.

Department of Environmental Protection



Joseph Kahn, P.E., Chief
Bureau of Air Monitoring
and Mobile Sources

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT (including the combined PUBLIC NOTICE, the Draft Air Construction Permit and the DRAFT Title V Air Operation Permit package) and all copies were sent by certified mail or electronically (with Received Receipt) before the close of business on 4/25/06 to the person(s) listed:

Bart Plymale, Vice President of Operations, Peace River Citrus Products, Inc.

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT (including the combined PUBLIC NOTICE, the Draft Air Construction Permit and the DRAFT Title V Air Operation Permit) were sent by U.S. mail or electronically (with Received Receipt) on the same date to the person(s) listed or as otherwise noted:

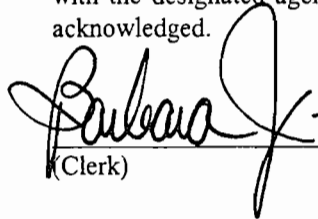
Wayne Griffin, P.E., G2 Services, Ltd.

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT (including the Draft Air Construction Permit and the DRAFT Title V Air Operation Permit package) were sent by U.S. mail or electronically (with Received Receipt) on the same date to the person(s) listed or as otherwise noted:

Barbara Friday, BAR [barbara.friday@dep.state.fl.us] (for posting with Region 4 , U.S. EPA)
Mara Nasca, FDEP SWD

Clerk Stamp

FILING 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.

 Friday 4/25/06
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT

Department of Environmental Protection

Draft Air Construction Permit No.: 0270003-014-AC
DRAFT Title V Air Operation Permit Project No.: 0270003-015-AV
Peace River Citrus Products, Inc. Arcadia Facility
Desoto County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue an Air Construction Permit and the Title V Air Operation Permit to Peace River Citrus Products, Inc., for its Arcadia Facility located at 4104 Highway 72, Arcadia, Desoto County. The applicant's name and address are: Bart Plymale, Vice President of Operations, Peace River Citrus Products, Inc., P.O. Box 730, Arcadia, Florida 34265-0730.

The sunset of section 403.08725, Florida Statutes, and resolving the alleged violation that sometime in 1993, Peace River Citrus Products, Inc., restarted its Arcadia facility without a valid preconstruction permit, required the facility to obtain this Air Construction Permit.

The sunset of section 403.08725, Florida Statutes, required the facility to obtain this Title V Air Operation Permit.

The permitting authority will issue the Air Construction Permit and the PROPOSED Title V Air Operation Permit and subsequent FINAL Title V Air Operation Permit, in accordance with the conditions of the Draft Air Construction Permit and the DRAFT Title V Air Operation Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Draft Air Construction Permit issuance action for a period of 14 (fourteen) days from the date of publication of this Public Notice. Written comments should be provided to the Department of Environmental Protection Bureau of Air Monitoring and Mobile Sources, 2600 Blair Stone Road, Mail Station #5510, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this Draft Air Construction Permit, the permitting authority shall issue a Revised Draft Air Construction Permit and require, if applicable, another Public Notice.

The Permitting Authority will accept written comments concerning the DRAFT Title V Air Operation Permit for a period of thirty (30) days from the date of publication of this Public Notice. Written comments must be post-marked and all facsimile comments must be received by the close of business (5:00 pm), on or before the end of this 30-day period, by the Permitting Authority at the Department of Environmental Protection Bureau of Air Monitoring and Mobile Sources, 2600 Blair Stone Road, Mail Station #5510, Tallahassee, Florida 32399-2400 or facsimile 850/922-6979. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location on the Department's official web site for notices at <http://tlhora6.dep.state.fl.us/onw> and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change to the DRAFT Title V Air Operation Permit, the Permitting Authority shall issue a Revised DRAFT Title V Air Operation Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under

Section 120.60(3), F.S., must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency action or proposed action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so state;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any Title V permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Department of Environmental Protection
Bureau of Air Monitoring and Mobile Sources
111 South Magnolia Drive, Suite 29,

Tallahassee, Florida 32301
Telephone: 850/488-0114
Fax: 850/922-6979

Affected District/Local Program:
Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: (813) 632-7600
Fax: (813) 632-7668

The complete project file includes the Technical Evaluation and Preliminary Determination and associated Draft Air Construction Permit and DRAFT Title V Air Operation Permit, the application(s), and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Edward J. Svec, at the above address, or call 850/921-8985, for additional information.

STATEMENT OF BASIS

Peace River Citrus Products, Inc.

Arcadia Facility

Facility ID No.: 0270003

Desoto County

Title V Air Operation Permit

DRAFT Permit No.: 0270003-015-AV

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

This facility consists of one citrus peel dryer, one citrus peel pellet mill, three 750 HP boilers (Nos. 1, 2, and 3), and process equipment (which includes fruit washers, oil and juice extraction equipment, cooling towers, fruit and peel conveyance equipment, a lime silo and peel storage).

The Gulf, model number 40, citrus peel dryer has a design process input rate of 32.6 tons/hour of pressed peel and lime (approx. 28 percent solids), with a maximum product output rate of 10.2 tons/hour of dried peel (approx. 90 percent solids). The peel dryer is fired at a maximum heat input rate of 54.0 MMBtu/hr. The exhaust gas from the peel dryer is sent to a 40,000 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. The initial startup date of the peel dryer was 1980. This emissions unit is regulated under Rule 62-210.300, F.A.C., Permits Required, and the applicable requirements of 0270003-014-AC.

The Citrus Peel Pellet Mill has a design process input rate of 10.2 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. A CPM Model 2726-7 cyclone collector is used to return any suspended product to the mill for reprocessing. This emissions unit is regulated under Rule 62-210.300, F.A.C., Permits Required, and the applicable requirements of 0270003-014-AC.

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), in service November 29, 1993; Boiler No. 2 (South), in service November 29, 1993; and, Boiler No. 3 (southernmost boiler), in service May 1, 1997. Each boiler is fired at a maximum heat input rate of 29.05 MMBtu/hr. 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.; and, 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 applicant states the facility is not a major source of hazardous air pollutants, therefore the MACT requirements of 40 CFR 63, Subpart DDDDD will not apply to the facility's boilers.

Generally speaking, for the CAM requirements of Part 64 to apply to an emissions unit, three conditions must be met: (1) The unit is subject to an emission limitation or standard for the applicable regulated air pollutant; (2) The unit uses a control device to achieve compliance with any such emission limitation or

standard; and, (3) The unit has potential pre-control device emissions of the applicable regulated air pollutant that are major. The emissions units with emissions limits or standards at this facility are the citrus peel dryer with a PM/PM₁₀ standard; the citrus pellet cooler with a PM/PM₁₀ standard; and, the three boilers with PM and SO₂ standards. The citrus peel dryer includes an integral waste heat evaporator with water spray heads whose purpose is to keep the heat transfer surfaces clean; in doing so it also reduces particulate matter. Since the waste heat evaporator is integral to the operation of the citrus peel dryer, it is not considered a control device. The citrus pellet cooler has a cyclone to return product to the process and may not be considered a control device; also, the uncontrolled emissions of PM/PM₁₀ are below major. The three boilers do not employ control devices to meet their emissions standards. For these reasons, the CAM requirements of 40 CFR 64 do not apply to these emissions units.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V permit application received September 19, 2005, this facility is not a major source of hazardous air pollutants (HAPs).

Peace River Citrus Products, Inc.

Arcadia Facility

Facility ID No.: 0270003

DeSoto County

Title V Air Operation Permit

DRAFT Permit No.: 0270003-015-AV

Permitting Authority:

State of Florida

Department of Environmental Protection

Division of Air Resource Management

Bureau of Air Monitoring and Mobile Sources

Mail Station #5510

2600 Blair Stone Road

Tallahassee, Florida 32399-2400

Telephone: 850/488-0114

Fax: 850/922-6979

Compliance Authority:

State of Florida

Florida Department of Environmental Protection

Southwest District

13051 North Telecom Parkway

Temple Terrace, Florida 33637-0926

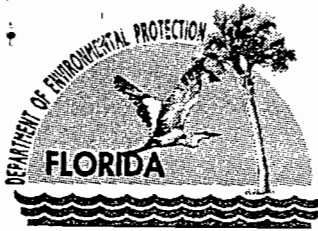
Telephone: (813) 632-7600

Fax: (813) 632-7668

Title V Air Operation Permit
DRAFT Permit No.: 0270003-015-AV

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| B. Emissions Unit -003 Citrus Peel Pellet Mill | 15 - 19 |
| C. Emissions Unit -004 750 HP Boiler No. 1 | 20 - 35 |
| Emissions Unit -005 750 HP Boiler No. 2 | |
| Emissions Unit -006 750 HP Boiler No. 3 | |



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

DRAFT Permit No.: 0270003-015-AV

Facility ID No.: 0270003

SIC Nos.: 20, 2033, 2037, 2048

Project: Title V Air Operation Permit

This permit is for the operation of the Arcadia facility. 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.

This Title V Air Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix I-1, List of Insignificant Emissions Units and/or Activities
APPENDIX TV-5, TITLE V CONDITIONS version dated 03/28/05
APPENDIX SS-1, STACK SAMPLING FACILITIES version dated 10/07/96
TABLE 297.310-1, CALIBRATION SCHEDULE version dated 10/07/96
FIGURE 1 - SUMMARY REPORT-GASEOUS AND OPACITY EXCESS EMISSION AND
MONITORING SYSTEM PERFORMANCE REPORT version dated 07/96

Effective Date: [ARMS Day 55]

Renewal Application Due Date: [Month day, year]

Expiration Date: [Month day, year]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Michael G. Cooke, Director
Division of Air Resource Management

MGC/jk/es

"More Protection, Less Process"

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Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of one citrus peel dryer, one citrus peel pellet mill, three 750 HP boilers (Nos. 1, 2, and 3), and process equipment (which includes fruit washers, oil and juice extraction equipment, cooling towers, fruit and peel conveyance equipment, a lime silo and peel storage).

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V permit application received September 19, 2005, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

| <u>E.U. ID No.</u> | <u>Brief Description</u> |
|--------------------|--------------------------|
| -001 | Citrus Peel Dryer |
| -003 | Citrus Peel Pellet Mill |
| -004 | 750 HP Boiler #1 |
| -005 | 750 HP Boiler #2 |
| -006 | 750 HP Boiler #3 |

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

Appendix A-1: Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1: Permit History/ID Number Changes

Statement of Basis

These documents are on file with permitting authority:

Title V Permit Application received September 19, 2005

Additional Information Request dated September 26, 2005

Additional Information Response received November 10, 2006

Additional Information Request dated November 22, 2006

Additional Information Response received February 27, 2006

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-5, TITLE V CONDITIONS, is a part of this permit.

{Permitting Note: APPENDIX TV-5, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

2. [Not federally enforceable.] General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. No person shall cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

[Rule 62-296.320(2), F.A.C.]

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard.

Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.

[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

4. Prevention of Accidental Releases (Section 112(r) of CAA).

a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center
Post Office Box 1515
Lanham-Seabrook, MD 20703-1515
Telephone: 301/429-5018

and,

b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

5. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.

[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

6. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

"Nothing was deemed necessary and ordered at this time."

[Rule 62-296.320(1)(a), F.A.C.; and, Title V permit application received September 19, 2005]

7. Emissions of Unconfined Particulate Matter. Pursuant to Rule 62-296.320(4)(c), F.A.C., and the application, this facility has no emissions of unconfined particulate matter (see Condition 57. of APPENDIX TV-5, TITLE V CONDITIONS).

[Rule 62-296.320(4)(c), F.A.C.; and, Title V permit application received September 19, 2005]

8. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

9. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.

[Rules 62-213.440(3) and 62-213.900, F.A.C.]

{Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of APPENDIX TV-5, TITLE V CONDITIONS)}

10. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Southwest District office.

Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: (813) 632-7600
Fax: (813) 632-7668

11. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9155, Fax: 404/562-9163

12. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.

[Rule 62-213.420(4), F.A.C.]

13. Initial Compliance Demonstration Required: An emissions unit that is subject to any emission limiting standard shall conduct an initial compliance test that demonstrates compliance with the applicable emission limiting standard during the 2005 – 2006 or 2006 – 2007 processing season.

[Rules 62-4.070(3) and 62-210.300(1)(a), F.A.C.]

FACILITY LIMITS

14. Fruit Throughput Limited: The owner or operator shall not process more than 10.0 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.

[Rule 62-4.070(3), F.A.C. and 0270003-014-AC]

15. VOC Emission Limits and Oil Recovery: VOC emissions will be limited by achieving by a 65 percent recovery of oil from citrus fruits processed each calendar year. Compliance with the emission limit for VOC shall be demonstrated by calculating the compliance indicator, as follows. All measured quantities of oil used in Equations 1 and 2 shall be in units of tons and the total results of the selected equation shall reflect the sum total for the entire calendar year.

1. The facility may use either Equation 1 or 2 to demonstrate compliance, provided that the facility has maintained the necessary records to use that equation. In the case of Equation 2, all recovered oil must be actually measured and all emitted volatilized oil must be treated as emissions and not as reductions of peel oil. If the result of the selected equation is positive or zero, the facility is in compliance with the VOC emission limit. If the result of the selected equation is negative, the facility is in violation of the VOC emission limit. The facility may use either equation to demonstrate compliance, even if the other equation results in a negative compliance indicator.

2. Facilities may accept wet peel from, or send wet peel to another facility for further processing and drying, provided that each facility involved receives or provides, respectively, sufficient recorded information to account for the recovery of oil from such peel, including oil in products and by-products at the receiving facility. A facility that sends wet peel offsite for any purpose shall not include the related oil in products and by-products in its oil recovery calculations. Such oil shall be included in the oil recovery calculations of the receiving facility. In any case, oil in products and by-products related to peel that is not processed through a peel dryer shall be excluded from all oil recovery calculations.

Equation 1:

$$\text{Compliance Indicator} = \text{OIF}(1 - K1) - \text{OPP} + \text{ODP}$$

Equation 2:

$$\text{Compliance Indicator} = \text{OJ} + \text{CPO} + \text{EO} + \text{DL} + \text{ODP} - K1(\text{OIF})$$

Where:

$$K1 = 0.65.$$

And the following are all in units of tons:

OIF = Oil in Incoming Fruit

ODP = Oil in Dried Pellets

OPP = Oil in Pressed Peel
OJ = Oil in Juice
CPO = Cold Press Oil
EO = Essence Oil
DL = d-limonene

Fruit and byproduct oil quantities, required for equations 1 and 2, as applicable, shall be measured daily. All peel oil recovery at a facility shall be determined using the same methodology at all times during each processing year. The following sampling and analytical methods shall be used for determining oil contents of fruit, pressed peel, dried peel and pellets: The sampling and analytical method for determining oil content in incoming whole fruit is the method documented in "FMC FoodTech Citrus Systems Division, Procedures for Analysis of Citrus Products, Chapter VI, Procedure 1. Whole Fruit Available Oil, FMC Technologies Inc., Lakeland, FL, pp. 119 to 123, (effective August 16, 2002)" hereby adopted by reference; the analytical method for determining oil content is the Scott Method (Bromate Titration Method) as documented in "FMC FoodTech Citrus Systems Division, Procedures for Analysis of Citrus Products, Chapter IV, Procedure 10. Recoverable Oil (Scott Method), FMC Technologies Inc., Lakeland, FL, pp. 40 to 44, (effective August 16, 2002)" hereby adopted by reference; the methods for sampling, sample preparation and analytical calculations for peel residue, press cake, and pellets are those documented in "Braddock, R. J. (1999), Handbook of Citrus By-Products and Processing Technology, Section 12.3.1.2 Analysis, John Wiley & Sons, NY, pp. 180 to 181," hereby adopted by reference. Copies of these documents may be obtained by contacting the Division of Air Resource Management at 2600 Blair Stone Road, Mail Station 5500, Tallahassee, FL 32399-2400.
[0270003-014-AC]

Section III. Emissions Unit(s) and Conditions.

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

| <u>E.U. ID No.</u> | <u>Brief Description</u> |
|--------------------|--------------------------|
| -001 | Citrus Peel Dryer |

The Gulf, model number 40, citrus peel dryer has a design process input rate of 32.6 tons/hour of pressed peel and lime (approx. 28 percent solids), with a maximum product output rate of 10.2 tons/hour of dried peel (approx. 90 percent solids). The peel dryer is fired at a maximum heat input rate of 54.0 MMBtu/hr. The exhaust gas from the peel dryer is sent to a 40,000 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. The initial startup date of the peel dryer was 1980.

{Permitting note(s): This emissions unit is regulated under Rule 62-210.300, F.A.C., Permits Required, and the applicable requirements of 0270003-014-AC.}

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

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum heat input rate shall not exceed 54.0 million Btu per hour, heat input.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0270003-014-AC]

A.2. Methods of Operation - (i.e., Fuels). Only natural gas; or, No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight, shall be fired in this unit.

[Rule 62-213.410, F.A.C.; and, 0270003-014-AC]

A.3. Hours of Operation. This emissions unit is allowed to operate, as necessary, to process 10.0 million boxes of citrus fruit in any consecutive 12 month period.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0270003-014-AC]

{Permitting note: For emission calculations, the hours of operation for these emissions units are estimated not to exceed a total of 4,500 hours per year.}

Emission Limitations and Standards

{Permitting Note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting Note: Unless otherwise specified, the averaging times for Specific Conditions **A.4. - A.6.** are based on the specified averaging time of the applicable test method.}

A.4. PM/PM₁₀. PM/PM₁₀ emissions shall not exceed 15.0 pounds per hour.
[0270003-014-AC]

A.5. Sulfur Dioxide. Sulfur dioxide shall be limited by firing either natural gas; or, No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight. Measurement of the sulfur content of fuel oil shall be by latest American Society for Testing and Materials methods suitable for determining sulfur content. Sulfur dioxide emissions shall be determined by material balance using the sulfur content and amount of the fuel or fuels fired in each emission source, assuming that for each pound of sulfur in the fuel fired, 2 pounds of sulfur dioxide are emitted. See specific conditions **A.11.** and **A.12.**
[0270003-014-AC]

A.6. Visible Emissions. Visible emissions shall not exceed 20 percent opacity.
[0270003-014-AC]

Excess Emissions

{Permitting note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

A.7. 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.]

A.8. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Test Methods and Procedures

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information— for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.9. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured; provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be discontinued because of

circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standard.

[Rule 62-297.310(1), F.A.C.]

A.10. PM/PM₁₀. The test method for PM/PM₁₀ shall be EPA Method 5, incorporated in Chapter 62-297, F.A.C.

[Rules 62-213.440 and 62-297.401, F.A.C.]

A.11. Sulfur Dioxide. The permittee elected to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor or the permittee upon each fuel delivery. This protocol is allowed because the emissions unit does not have an operating flue gas desulfurization device.

[0270003-014-AC]

A.12. Fuel Sulfur Content. The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition.

[Rules 62-213.440 and 62-297.440, F.A.C.]

A.13. Visible emissions. The test method for visible emissions shall be EPA Method 9, incorporated in Chapter 62-297, F.A.C.

[Rules 62-213.440 and 62-297.401, F.A.C.]

A.14. 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.]

A.15. Calculation of Emission Rate. 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.]

A.16. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. 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:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.
- (b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.
- (c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.
- (d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1. See attachment **TABLE 297.310-1, CALIBRATION SCHEDULE**.
- (e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube. [Rule 62-297.310(4), F.A.C.]

A.17. Stack Sampling Facilities Provided by the Owner of an Emissions Unit. See attachment **APPENDIX SS-1, STACK SAMPLING FACILITIES**.
[Rule 62-297.310(6), F.A.C.]

A.18. 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;

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]

Monitoring of Operations

A.19. 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 percent of its true value.

[Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

A.20. Excess Emissions Reporting. In case of excess emissions resulting from malfunctions, each owner or operator 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.]

A.21. 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.
 7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
 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 number of points sampled and configuration and location of the sampling plane.
 11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
 12. The type, manufacturer and configuration of the sampling equipment used.
 13. Data related to the required calibration of the test equipment.
 14. Data on the identification, processing and weights of all filters used.
 15. Data on the types and amounts of any chemical solutions used.
 16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
 17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
 18. All measured and calculated data required to be determined by each applicable test procedure for each run.
 19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
 20. 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.
 21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and 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.
- [Rules 62-213.440 and 62-297.310(8), F.A.C.]

A.22. Fuel Sulfur Content Records. The permittee shall keep records of all fuel analysis provided by the vendor or the permittee verifying the liquid fuel sulfur content upon each fuel delivery.
[0270003-014-AC]

A.23. In order to provide information to document compliance with the fuel heat input rate limitations of Specific Condition **A.1.**, the permittee shall monitor and maintain daily record logs

of the amount of each fuel used and the hours of operation. The logs shall be maintained on file and shall be made available to the Department upon request.
[0270003-014-AC]

A.24. All recorded data shall be maintained on file by the Source for a period of five years.
[Rule 62-213.440, F.A.C.]

Best Management Practices

A.25. Best Management Practices for Carbon Monoxide: The facility shall operate its citrus peel dryers in accordance with the manufacturer's operating manual, or recommended operating practices provided by the manufacturer, equipment vendor, or a professional engineer registered in Florida, as well as with the practices described in this paragraph. The facility shall report to the Department any failure to follow these practices, and shall make such report in writing within 7 days from discovery of such failure. Records and copies of reports shall be maintained on site for a period of five years and shall be made available to the Department upon request. The facility shall:

1. Train dryer operators to perform the operating practices of this paragraph using the manuals and plans described, and allow only trained employees to operate dryers;
2. Maintain a written plan with operating procedures for startup, shutdown and malfunction of the equipment, and follow that plan during these events;
3. Operate and maintain the burner and burner controls to maintain a proper air to fuel ratio;
4. Visually check the flame characteristics once per operating shift;
5. Monitor the moisture content of the dried peel exiting the dryer on a daily basis, and maintain that moisture content greater than six percent by weight at all times during operation;
6. Make burner and burner control adjustments on an annual basis, or more frequently as required by visual checks;
7. Perform an inspection of combustion equipment as prescribed by the equipment manufacturer or registered professional engineer, but no less often than annually, and replace parts that are worn or improperly operating;
8. Keep records of combustion operations that document the operating practices described in this paragraph, such documentation shall include a manual, which can be the manufacturer's operation manual, and daily logs; and
9. Document maintenance performed on equipment, and all normal processing equipment and operating practices changes.

[0270003-014-AC]

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

| <u>E.U. ID No.</u> | <u>Brief Description</u> |
|--------------------|--------------------------|
| -003 | Citrus Peel Pellet Mill |

The Citrus Peel Pellet Mill has a design process input rate of 10.2 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. A CPM Model 2726-7 cyclone collector is used to return any suspended product to the mill for reprocessing.

{Permitting note(s): This emissions unit is regulated under Rule 62-210.300, F.A.C., Permits Required, and the applicable requirements of 0270003-014-AC.}

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

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The capacity of the pellet cooler is determined by the capacity of the citrus peel dryer.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0270003-014-AC]

{Permitting note: The pellet cooler input is equal to the output of dried peel from the peel dryer.}

B.2. Hours of Operation. This emissions unit is allowed to operate, as necessary, to process 10.0 million boxes of citrus fruit in any consecutive 12 month period.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0270003-014-AC]

{Permitting note: For emission calculations, the hours of operation for these emissions units are estimated not to exceed a total of 4,500 hours per year.}

Emission Limitations and Standards

{Permitting Note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting Note: Unless otherwise specified, the averaging times for Specific Conditions **B.3.** - **B.4.** are based on the specified averaging time of the applicable test method.}

B.3. PM/PM₁₀. PM/PM₁₀ emissions shall not exceed 5.0 pounds per hour.

[0270003-014-AC]

B.4. Visible Emissions. Visible emissions shall not exceed 5 percent opacity.

[0270003-014-AC]

Excess Emissions

{Permitting note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

B.5. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

B.6. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Test Methods and Procedures

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

B.7. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured; provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission— limiting standard.
[Rule 62-297.310(1), F.A.C.]

B.8. PM/PM10. Tests for particulate matter and particulate matter of 10 microns or less may be conducted using United States Environmental Protection Agency Method 5, provided that all measured particulate matter is assumed to be particulate matter of 10 microns or less. Tests for compliance with the particulate matter emission limit, for the pellet cooler or cooling reel are waived as long as the facility complies with the visible emissions limitation. If any visible emissions test for the pellet cooler or cooling reel does not demonstrate compliance with the visible emissions limitation, the emissions unit shall be tested for compliance with the particulate matter emission limit within 30 days after the visible emissions test.
[0270003-014-AC.]

B.9. Visible emissions. The test method for visible emissions shall be EPA Method 9, incorporated in Chapter 62-297, F.A.C.
[Rules 62-213.440 and 62-297.401, F.A.C.]

B.10. 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.]

B.11. Calculation of Emission Rate. 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.]

B.12. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. 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:

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1. See attachment **TABLE 297.310-1, CALIBRATION SCHEDULE.**

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.
[Rule 62-297.310(4), F.A.C.]

B.13. Stack Sampling Facilities Provided by the Owner of an Emissions Unit. See attachment **APPENDIX SS-1, STACK SAMPLING FACILITIES.**
[Rule 62-297.310(6), F.A.C.]

B.14. 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.

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.

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]

Monitoring of Operations

B.15. 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.]

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

| <u>E.U. ID 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), in service November 29, 1993; Boiler No. 2 (South), in service November 29, 1993; and, Boiler No. 3 (southernmost boiler), in service May 1, 1997. Each boiler is fired at a maximum heat input rate of 29.05 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.; and, 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. Permitted Capacity. The capacity of each of these emissions units shall not exceed 29.05 million Btu per hour, heat input.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0270003-014-AC]

C.2. Methods of Operation - (i.e., Fuels). Only natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight, shall be fired in these units.
[Rule 62-213.410, F.A.C.; and, 0270003-014-AC]

C.3. Hours of Operation. These emissions units are allowed to operate continuously, i.e., 8,760 hours/year.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 0270003-014-AC]

Emission Limitations and Standards

{Permitting Note: Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

{Permitting Note: Unless otherwise specified, the averaging times for Specific Conditions **C.4. - C.6.** are based on the specified averaging time of the applicable test method.}

C.4. Particulate Matter. Particulate matter shall be limited by firing either natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight.
[Rule 62-296.406(2), F.A.C.; and, 0270003-014-AC]

C.5. Sulfur Dioxide. Sulfur dioxide shall be limited by firing either natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight. Measurement of the sulfur content of fuel oil shall be by latest American Society for Testing and Materials methods suitable for determining sulfur content. Sulfur dioxide emissions shall be determined by material balance using the sulfur content and amount of the fuel or fuels fired in each emission source, assuming that for each pound of sulfur in the fuel fired, 2 pounds of sulfur dioxide are emitted. See specific conditions C.11. and C.12.

[Rule 62-296.406(2), F.A.C.; and, 0270003-014-AC]

C.6. Visible Emissions. Visible emissions shall not exceed 20 percent opacity except for one six-minute period per hour during which opacity shall not exceed 27 percent.

[Rule 62-296.406(1), F.A.C.; and, 0270003-014-AC]

Excess Emissions

{Permitting note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

C.7. Excess emissions resulting from 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.]

C.8. Excess emissions from existing fossil fuel steam generators resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.

[Rule 62-210.700(2), F.A.C.]

C.9. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

Test Methods and Procedures

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

C.10. Particulate Matter. Compliance with the particulate matter standard is demonstrated by firing only natural gas or No. 2 distillate fuel oil with a maximum 0.10 percent sulfur, by weight. [0270003-014-AC]

C.11. Sulfur Dioxide. The permittee elected to demonstrate compliance by accepting a liquid fuel sulfur limit that will be verified with a fuel analysis provided by the vendor or the permittee

upon each fuel delivery. This protocol is allowed because the emissions unit does not have an operating flue gas desulfurization device.
[Rule 62-296.406(3), F.A.C.]

C.12. Fuel Sulfur Content. The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition.
[Rules 62-213.440 and 62-297.440, F.A.C.]

C.13. Visible emissions. The test method for visible emissions shall be EPA Method 9, incorporated in Chapter 62-297, F.A.C.
[0270003-014-AC]

C.14. 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.]

C.15. Applicable Test Procedures.

(a) Required Sampling Time.

2. 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:

- c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4), F.A.C.]

C.16. 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;
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]

Monitoring of Operations

C.17. 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 percent of its true value.

[Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

C.18. Excess Emissions Reporting. In case of excess emissions resulting from malfunctions, each owner or operator 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.]

C.19. Fuel Sulfur Content Records. The permittee shall keep records of all fuel analysis provided by the vendor or the permittee verifying the liquid fuel sulfur content upon each fuel delivery. [Rule 62-296.406(3), F.A.C.]

C.20. In order to provide information to document compliance with the fuel heat input rate limitations of Specific Condition C.1., the permittee shall monitor and maintain daily record logs of the amount of each fuel used and the hours of operation. The logs shall be maintained on file and shall be made available to the Department upon request.

[0270003-014-AC]

C.21. All recorded data shall be maintained on file by the Source for a period of five years.

[Rule 62-213.440, F.A.C.]

C.22. 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.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
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 number of points sampled and configuration and location of the sampling plane.

11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. 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.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and 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.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

Best Management Practices

C.23. Best Management Practices for Carbon Monoxide. The facility shall operate its boilers in accordance with the manufacturer's operating manual, or recommended operating practices provided by the manufacturer, equipment vendor, or a professional engineer registered in Florida, as well as with the practices described in this paragraph. The facility shall report to the Department any failure to follow these practices, and shall make such report in writing within 7 days from discovery of such failure. Records and copies of reports shall be maintained on site for a period of five years and shall be made available to the Department upon request. The facility shall:

1. Train boiler operators to perform the operating practices of this paragraph using the manuals and plans described, and allow only trained employees to operate boilers;
2. Maintain a written plan with operating procedures for startup, shutdown and malfunction of the equipment, and follow that plan during these events;
3. Operate and maintain the burner and burner controls to maintain a proper air to fuel ratio;
4. Visually check the flame characteristics once per operating shift;
5. Make burner and burner control adjustments on an annual basis, or more frequently as required by visual checks;
6. Perform an inspection of combustion equipment as prescribed by the equipment manufacturer or registered professional engineer, but no less often than annually, and replace parts that are worn or improperly operating;
7. Keep records of combustion operations that document the operating practices described in this paragraph, such documentation shall include a manual, which can be the manufacturer's operation manual, and daily logs; and

8. Document maintenance performed on equipment, and all normal processing equipment and operating practices changes.
[0270003-014-AC]

NSPS REQUIREMENTS

{Note: The preceding emissions limits are at least as stringent as those specified in 40 CFR 60, Subpart Dc.}

Subpart A-General Provisions

C.24. Quarterly Report. Each owner or operator required to install a continuous monitoring device shall submit excess emissions and monitoring systems performance reports to the Administrator semi-annually, except when: more frequent reporting is specifically required by an applicable subpart; or the Administrator, on a case-by-case basis, determines that more frequent reporting is necessary to accurately assess the compliance status of the source. All reports shall be postmarked by the 30th day following the end of each six month period. Written reports of excess emissions shall include the following information:

1. The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h), any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions. The process operating time during the reporting period.
2. Specific identification of each period of excess emissions that occurs during startups, shutdowns and malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted.
3. The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments.
4. When no excess emissions have occurred or the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be stated in the report.

[40 CFR 60.7(c)]

C.25. Summary Report. The summary report form shall contain the information and be in the format shown in Figure 1 (attached) unless otherwise specified by the Administrator. One summary report form shall be submitted for each pollutant monitored.

1. If the total duration of excess emissions for the reporting period is less than one percent of the operating time for the reporting period and CMS downtime for the reporting period is less than five percent of the total operating time for the reporting period, only the summary report form shall be submitted and the excess emission report described in 40 CFR 60.7(c) need not be submitted unless requested by the Administrator.
2. If the total duration of excess emissions for the reporting period is one percent or greater of the total operating time for the reporting period or the total CMS downtime for the reporting period is five percent or greater of the total operating time for the reporting period, the summary report form and the excess emission report described in 40 CFR 60.7(c) shall both be submitted.

{See attached Figure 1: Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance}

[40 CFR 60.7(d)]

C.26. Reporting Frequency.

(1) Notwithstanding the frequency of reporting requirements specified in 40 CFR 60.7(c), an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the following conditions are met:

- (i) For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under 40 CFR 60 continually demonstrate that the facility is in compliance with the applicable standard;
- (ii) The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in 40 CFR 60, Subpart A, and the applicable standard; and
- (iii) The Administrator does not object to a reduced frequency of reporting for the affected facility, as provided in 40 CFR 60.7(e)(2).

(2) The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the Administrator in writing of his or her intention to make such a change and the Administrator does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Administrator may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner or operator's conformance with operation and maintenance requirements. Such information may be used by the Administrator to make a judgment about the source's potential for noncompliance in the future. If the Administrator disapproves the owner or operator's request to reduce the frequency of reporting, the Administrator will notify the owner or operator in writing within 45 days after receiving notice of the owner or operator's intention. The notification from the Administrator to the owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

(3) As soon as monitoring data indicate that the affected facility is not in compliance with any emission limitation or operating parameter specified in the applicable standard, the frequency of reporting shall revert to the frequency specified in the applicable standard, and the owner or operator shall submit an excess emissions and monitoring systems performance report (and summary report, if required) at the next appropriate reporting period following the noncomplying event. After demonstrating compliance with the applicable standard for another full year, the owner or operator may again request approval from the Administrator to reduce the frequency of reporting for that standard as provided for in 40 CFR 60.7(e)(1) and (e)(2).

[40 CFR 60.7(e)]

C.27. Records Retention. Any owner or operator subject to the provisions of this part shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and, all other information required by 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records.

[40 CFR 60.7(f)]

C.28. Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternative method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. Nothing in 40 CFR 60.8 shall be construed to abrogate the Administrator's authority to require testing under section 114 of the Act.

[40 CFR 60.8(b)]

C.29. Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

[40 CFR 60.8(c)]

C.30. Notification:

(a) The owner or operator shall provide to the Administrator at least 30 days prior notice of any compliance or performance test, except as specified under other subparts, to afford the District office the opportunity to have an observer present. If after 30 days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting the scheduled performance test, the owner or operator of an affected facility shall notify the Administrator (or delegated State or local agency) as soon as possible of any delay in the original test date, either by providing at least 7 days prior notice of the rescheduled date of the performance test, or by arranging a rescheduled date with the Administrator (or delegated State or local agency) by mutual agreement.

[40 CFR 60.8(d)]

C.31. The owner or operator of an affected facility shall provide, or cause to be provided, performance testing facilities as follows:

1. Sampling ports adequate for test methods applicable to such facility. This includes (i) constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test methods and procedures and (ii) providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures.
2. Safe sampling platform(s).
3. Safe access to sampling platform(s).
4. Utilities for sampling and testing equipment.

[40 CFR 60.8(e)]

C.32. Unless otherwise specified in the applicable subpart, each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time

and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the three runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances, beyond the owner or operator's control, compliance may, upon the Administrator's approval, be determined using the arithmetic mean of the results of the two other runs.

[40 CFR 60.8(f)]

C.33. Compliance with opacity standards in 40 CFR 60 shall be determined by conducting observations in accordance with Reference Method 9 in appendix A of 40 CFR 60, any alternative method that is approved by the Administrator, or as provided in 40 CFR 60.11(e)(5). For purposes of determining initial compliance, the minimum total time of observations shall be 3 hours (30 6-minute averages) for the performance test or other set of observations (meaning those fugitive-type emission sources subject only to an opacity standard).

[40 CFR 60.11(b)]

C.34. The opacity standards set forth in this part apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.

[40 CFR 60.11(c)]

C.35. At all times, including periods of start-up, shutdown, and malfunction owners or operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on the information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

[40 CFR 60.11(d)]

C.36. Credible Evidence. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in 40 CFR 60, nothing in 40 CFR 60 shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

[40 CFR 60.11(g)]

C.37. Circumvention. No owner or operator subject to the provisions of 40 CFR 60 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

[40 CFR 60.12]

C.38. Except as provided under 40 CFR 60.14(e) and 40 CFR 60.14(f), any physical or operational change to an existing facility which results in an increase in the emission rate to the atmosphere of any pollutant to which a standard applies shall be considered a modification

within the meaning of section 111 of the Act. Upon modification, an existing facility shall become an affected facility for each pollutant to which a standard applies and for which there is an increase in the emission rate to the atmosphere.

[40 CFR 60.14(a)]

C.39. Emission rate shall be expressed as kg/hr of any pollutant discharged into the atmosphere for which a standard is applicable. The Administrator shall use the following to determine emission rate:

- (1) Emission factors as specified in the latest issue of "Compilation of Air Pollutant Emission Factors", EPA Publication No. AP-42, or other emission factors determined by the Administrator to be superior to AP-42 emission factors, in cases where utilization of emission factors demonstrate that the emission level resulting from the physical or operational change will either clearly increase or clearly not increase.
- (2) Material balances, continuous monitor data, or manual emission tests in cases where utilization of emission factors as referenced in 40 CFR 60.14(b)(1) does not demonstrate to the Administrator's satisfaction whether the emission level resulting from the physical or operational change will either clearly increase or clearly not increase, or where an owner or operator demonstrates to the Administrator's satisfaction that there are reasonable grounds to dispute the result obtained by the Administrator utilizing emission factors as referenced in 40 CFR 60.14(b)(1). When the emission rate is based on results from manual emission tests or continuous monitoring systems, the procedures specified in 40 CFR 60, Appendix C shall be used to determine whether an increase in emission rate has occurred. Tests shall be conducted under such conditions as the Administrator shall specify to the owner or operator based on representative performance of the facility. At least three valid test runs must be conducted before and at least three after the physical or operational change. All operating parameters which may affect emissions must be held constant to the maximum feasible degree for all test runs.

[40 CFR 60.14(b)]

C.40. The addition of an affected facility to a stationary source as an expansion to that source or as a replacement for an existing facility shall not by itself bring within the applicability of 40 CFR 60 any other facility within that source.

[40 CFR 60.14(c)]

C.41. The following shall not, by themselves, be considered modifications under 40 CFR 60:

- (1) Maintenance, repair, and replacement which the Administrator determines to be routine for a source category, subject to the provisions of 40 CFR 60.14(c) and 40 CFR 60.15.
- (2) An increase in production rate of an existing facility, if that increase can be accomplished without a capital expenditure on that facility.
- (3) An increase in the hours of operation.
- (4) Use of an alternative fuel or raw material if, prior to the date any standard under 40 CFR 60 becomes applicable to that source type, as provided by 40 CFR 60.1, the existing facility was designed to accommodate that alternative use. A facility shall be considered to be designed to accommodate an alternative fuel or raw material if that use could be accomplished under the facility's construction specifications as amended prior to the change. Conversion to coal required for energy considerations, as specified in section 111(a)(8) of the Act, shall not be considered a modification.

(5) The addition or use of any system or device whose primary function is the reduction of air pollutants, except when an emission control system is removed or is replaced by a system which the Administrator determines to be less environmentally beneficial.

(6) The relocation or change in ownership of an existing facility.

[40 CFR 60.14(e)]

C.42. Special provisions set forth under an applicable subpart of 40 CFR 60 shall supersede any conflicting provisions of this section.

[40 CFR 60.14(f)]

C.43. Within 180 days of the completion of any physical or operational change subject to the control measures specified in 40 CFR 60.14(a), compliance with all applicable standards must be achieved.

[40 CFR 60.14(g)]

Subpart Dc-Standards of Performance for Small Industrial - Commercial - Institutional Steam Generating Units

Standard for Sulfur Dioxide.

C.44. On and after the date on which the initial performance test is completed or required to be completed under 40 CFR 60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts oil shall cause to be discharged into the atmosphere from that affected facility any gases that contain SO₂ in excess of 215 ng/J (0.50 lb/million Btu) heat input; or, as an alternative, no owner or operator of an affected facility that combusts oil shall combust oil in the affected facility that contains greater than 0.5 weight percent sulfur. The percent reduction requirements are not applicable to affected facilities under this paragraph.

[40 CFR 60.42c(d)]

C.45. For affected facilities listed under paragraphs 40 CFR 60.42c(h)(1), (2), or (3), compliance with the emission limits or fuel oil sulfur limits under this section may be determined based on a certification from the fuel supplier, as described under 40 CFR 60.48c(f)(1), (2), or (3), as applicable.

(1) Distillate oil-fired affected facilities with heat input capacities between 2.9 and 29 MW (10 and 100 million Btu/hr).

[40 CFR 60.42c(h)]

C.46. The SO₂ emission limits, fuel oil sulfur limits, and percent reduction requirements under this section apply at all times, including periods of startup, shutdown, and malfunction.

[40 CFR 60.42c(i)]

C.47. Only the heat input supplied to the affected facility from the combustion of oil is counted under 40 CFR 60.42c. No credit is provided for the heat input to the affected facility from other fuels or for heat derived from exhaust gases from other sources, such as stationary gas turbines, internal combustion engines, and kilns.

[40 CFR 60.42c(j)]

Compliance and Performance Test Methods and Procedures for Sulfur Dioxide.

C.48. Except as provided in paragraphs 40 CFR 60.44c(g) and (h) and in 40 CFR 60.8(b), performance tests required under 40 CFR 60.8 shall be conducted following the procedures specified in paragraphs 40 CFR 60.44c(b), (c), (d), (e), and (f), as applicable. Section 60.8(f) does not apply to 40 CFR 60.44c. The 30-day notice required in 40 CFR 60.8(d) applies only to the initial performance test unless otherwise specified by the Administrator.
[40 CFR 60.44c(a)]

C.49. If only oil is combusted in an affected facility, the procedures in Method 19 are used to determine the hourly SO₂ emission rate (E_{ho}) and the 30-day average SO₂ emission rate (E_{ao}). The hourly averages used to compute the 30-day averages are obtained from the continuous emission monitoring system (CEMS). Method 19 shall be used to calculate E_{ao} when using daily fuel sampling or Method 6B.
[40 CFR 60.44c(d)]

C.50. For oil-fired affected facilities where the owner or operator seeks to demonstrate compliance with the fuel oil sulfur limits under 40 CFR 60.42c based on shipment fuel sampling, the initial performance test shall consist of sampling and analyzing the oil in the initial tank of oil to be fired in the steam generating unit to demonstrate that the oil contains 0.5 weight percent sulfur or less. Thereafter, the owner or operator of the affected facility shall sample the oil in the fuel tank after each new shipment of oil is received, as described under 40 CFR 60.46c(d)(2).
[40 CFR 60.44c(g)]

C.51. For affected facilities subject to 40 CFR 60.42c(h)(1), (2), or (3) where the owner or operator seeks to demonstrate compliance with the SO₂ standards based on fuel supplier certification, the performance test shall consist of the certification, the certification from the fuel supplier, as described under 40 CFR 60.48c(f)(1), (2), or (3), as applicable.
[40 CFR 60.44c(h)]

C.52. The owner or operator of an affected facility seeking to demonstrate compliance with the SO₂ standards under 40 CFR 60.42c(c)(2) shall demonstrate the maximum design heat input capacity of the steam generating unit by operating the steam generating unit at this capacity for 24 hours. This demonstration shall be made during the initial performance test, and a subsequent demonstration may be requested at any other time. If the demonstrated 24-hour averaged firing rate for the affected facility is less than the maximum design heat input capacity stated by the manufacturer of the affected facility, the demonstrated 24-hour average firing rate shall be used to determine the annual capacity factor for the affected facility; otherwise, the maximum design heat input capacity provided by the manufacturer shall be used.
[40 CFR 60.44c(i)]

C.53. The owner or operator of an affected facility shall use all valid SO₂ emissions data in calculating %Ps and E_{ho} under paragraphs 40 CFR 60.44c(d), (e), or (f), as applicable, whether or not the minimum emissions data requirements under 40 CFR 60.46c(f) are achieved. All valid emissions data, including valid data collected during periods of startup, shutdown, and malfunction, shall be used in calculating %Ps or E_{ho} pursuant to paragraphs 40 CFR 60.44c(d), (e), or (f), as applicable.
[40 CFR 60.44c(j)]

Emission Monitoring for Sulfur Dioxide

C.54. The monitoring requirements of paragraphs 60.46c(a) and (d) shall not apply to affected facilities subject to 40 CFR 60.42c(h) (1), (2), or (3) where the owner or operator of the affected facility seeks to demonstrate compliance with the SO₂ standards based on fuel supplier certification, as described under 40 CFR 60.48c(f) (1), (2), or (3), as applicable.
[40 CFR 60.46c(e)]

Reporting and Recordkeeping Requirements.

C.55. The owner or operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c, or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.
- (4) Notification if an emerging technology will be used for controlling SO₂ emissions. The Administrator will examine the description of the control device and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of 40 CFR 60.42c(a) or (b)(1), unless and until this determination is made by the Administrator.

[40 CFR 60.48c(a)]

C.56. The owner or operator of each affected facility subject to the SO₂ emission limits of 40 CFR 60.42c, or the PM or opacity limits of 40 CFR 60.43c, shall submit to the Administrator the performance test data from the initial and any subsequent performance tests and, if applicable, the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

[40 CFR 60.48c(b)]

C.57. The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under 40 CFR 60.42c shall submit quarterly reports to the Administrator. The initial quarterly report shall be postmarked by the 30th day of the third month following the completion of the initial performance test. Each subsequent quarterly report shall be postmarked by the 30th day following the end of the reporting period.

[40 CFR 60.48c(d)]

C.58. The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under 40 CFR 60.43c shall keep records and submit quarterly reports as required under paragraph 40 CFR 60.48c(d), including the following information, as applicable.

- (1) Calendar dates covered in the reporting period.

(2) Each 30-day average SO₂ emission rate (ng/J or lb/million Btu), or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.

(3) Each 30-day average percent of potential SO₂ emission rate calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.

(4) Identification of any steam generating unit operating days for which SO₂ or diluent (oxygen or carbon dioxide) data have not been obtained by an approved method for at least 75 percent of the operating hours; justification for not obtaining sufficient data; and a description of corrective actions taken.

(5) Identification of any times when emissions data have been excluded from the calculation of average emission rates; justification for excluding data; and a description of corrective actions taken if data have been excluded for periods other than those during which coal or oil were not combusted in the steam generating unit.

(6) Identification of the F factor used in calculations, method of determination, and type of fuel combusted.

(7) Identification of whether averages have been obtained based on CEMS rather than manual sampling methods.

(8) If a CEMS is used, identification of any times when the pollutant concentration exceeded the full span of the CEMS.

(9) If a CEMS is used, description of any modifications to the CEMS that could affect the ability of the CEMS to comply with Performance Specifications 2 or 3 (appendix B).

(10) If a CEMS is used, results of daily CEMS drift tests and quarterly accuracy assessments as required under appendix F, Procedure 1.

(11) If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph 40 CFR 60.48c(f)(1), (2), or (3), as applicable. In addition to records of fuel supplier certifications, the quarterly report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the quarter.

[40 CFR 60.48c(e)]

C.59. Fuel supplier certification shall include the following information:

(1) For distillate oil:

(i) The name of the oil supplier; and

(ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c.

[40 CFR 60.48c(f)]

C.60. The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

[40 CFR 60.48c(g)]

C.61. The owner or operator of each affected facility subject to a Federally enforceable requirement limiting the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c or 40 CFR 60.43c shall calculate the annual capacity factor individually for each fuel combusted. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of the calendar month.
[40 CFR 60.48c(h)]

C.62. All records required under 40 CFR 60.48c shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.
[40 CFR 60.48c(i)]

Table 1-1, Summary of Air Pollutant Standards and Terms

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. **Brief Description**
[-001] Citrus Peel Dryer

| Pollutant | Fuel(s) | Hours/Year | Allowable Emissions | | | Equivalent Emissions* | | Regulatory Citation(s) | See permit condition(s) |
|---|---------|------------------------------------|------------------------|-----------|-----|-----------------------|-------|------------------------|-------------------------|
| | | | Standard(s) | lbs./hour | TPY | lbs./hour | TPY | | |
| PM/PM10 | All | Time to process 10.0 million boxes | | 15.0 | | | 33.75 | 0270003-014-AC | A.3. & A.4. |
| SO ₂ | Liquid | Time to process 10.0 million boxes | 0.10% by weight sulfur | | | 2.1 | 4.7 | 0270003-014-AC | A.3. & A.5. |
| VE | All | Time to process 10.0 million boxes | <20% opacity | | | | | 0270003-014-AC | A.3. & A.6. |
| Notes: * The "Equivalent Emissions" listed are for informational purposes only. | | | | | | | | | |

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Table 1-1, Summary of Air Pollutant Standards and Terms

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. **Brief Description**
[-003] Citrus Peel Pellet Mill

| Pollutant Name | Fuel(s) | Hours/Year | Allowable Emissions | | | Equivalent Emissions | | Regulatory Citation(s) | See permit condition(s) |
|---|---------|------------------------------------|---------------------|-----------|-----|----------------------|-------|------------------------|-------------------------|
| | | | Standard(s) | lbs./hour | TPY | lbs./hour | TPY | | |
| PM/PM10 | N/A | Time to process 10.0 million boxes | | 5.0 | | | 11.25 | 0270003-014-AC | B.2. & B.3. |
| VE | N/A | Time to process 10.0 million boxes | 5% | | | | | 0270003-014-AC | B.2. & B.4. |
| Notes: * The "Equivalent Emissions" listed are for informational purposes only. | | | | | | | | | |

[electronic file name: 02700031.xls]

Table 1-1, Summary of Air Pollutant Standards and Terms

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. Brief Description

[-004] 750 HP Boiler # 1
[-005] 750 HP Boiler # 2
[-006] 750 HP Boiler # 3

| Pollutant Name | Fuel(s) | Hours/Year | Allowable Emissions | | | Equivalent Emissions | | Regulatory Citation(s) | See permit condition(s) |
|---------------------------|---------|------------|-------------------------|-----------|-----|----------------------|-----|------------------------|-------------------------|
| | | | Standard(s) | lbs./hour | TPY | lbs./hour | TPY | | |
| SO ₂ [EU -004] | Liquid | 8,760 | 0.10% by weight sulfur | | | 0.6 | 2.8 | 0270003-014-AC | C.5.. |
| SO ₂ [EU -005] | Liquid | 8,760 | 0.10% by weight sulfur | | | 0.6 | 2.8 | 0270003-014-AC | C.5.. |
| SO ₂ [EU -006] | Liquid | 8,760 | 0.10% by weight sulfur | | | 0.6 | 2.8 | 0270003-014-AC | C.5.. |
| VE [EU-004] | All | 8,760 | 20% except 27% 6 min/hr | | | | | Rule 62-296.406(1) | C.6. |
| VE [EU -005] | All | 8,760 | 20% except 27% 6 min/hr | | | | | Rule 62-296.406(1) | C.6. |
| VE [EU -006] | All | 8,760 | 20% except 27% 6 min/hr | | | | | Rule 62-296.406(1) | C.6. |

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

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Table 2-1, Summary of Compliance Requirements

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. **Brief Description**
[-001] Citrus Peel Dryer

| Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time Frequency | Frequency Base Date * | Min. Compliance Test Duration | CMS** | |
|---|---------|----------------------|------------------------------|-----------------------------|-------------------------------------|-------|--------------------------|
| | | | | | | | See permit condition(s) |
| VE | All | EPA Method 9 | Annual | | 30 min | | A.13. |
| PM/PM10 | All | EPA Method 5 | Renewal | | 3 - 1 hr runs | | A.10. |
| SO ₂ | Liquid | ASTM Methods | Each Delivery | | | | A.5. ; A.11.; and, A.12. |
| Notes: * The frequency based date will be established by the initial compliance test date. The frequency base date is for planning purposes only; see Rule 62-297.310, F.A.C. **CMS [=] continuous monitoring system | | | | | | | |

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Table 2-1, Summary of Compliance Requirements

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. **Brief Description**
[-003] Citrus Peel Pellet Mill

| Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time Frequency | Frequency Base Date * | Min. Compliance Test Duration | | |
|--------------------------------|---------|----------------------|------------------------------|-----------------------------|-------------------------------------|-------|-------------------------|
| | | | | | | CMS** | See permit condition(s) |
| VE | N/A | EPA Method 9 | Annual | | 30 min | | B.9. |
| PM/PM10 | N/A | EPA Method 5 | if opacity > 5% | | 3 - 1 hr runs | | B.8. |

Notes:

* The frequency based date will be established by the initial compliance test date. The frequency base date is for planning purposes only; see Rule 62-297.310, F.A.C.

**CMS [=] continuous monitoring system

[electronic file name: 02700032.xls]

Table 2-1, Summary of Compliance Requirements

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No. Brief Description

[-004] 750 HP Boiler # 1
[-005] 750 HP Boiler # 2
[-006] 750 HP Boiler # 3

| Pollutant Name or Parameter | Fuel(s) | Compliance Method | Testing Time Frequency | Frequency Base Date * | Min. Compliance Test Duration | | |
|--------------------------------|---------|----------------------|------------------------------|-----------------------------|-------------------------------------|-------|--------------------------|
| | | | | | | CMS** | See permit condition(s) |
| VE | All | EPA Method 9 | Annual | | 30 min | | C.13. |
| SO ₂ | Liquid | ASTM Methods | each delivery | | | | C.5. ; C.11.; and, C.12. |

Notes:

* The frequency based date will be established by the initial compliance test date. The frequency base date is for planning purposes only; see Rule 62-297.310, F.A.C.

**CMS [=] continuous monitoring system

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Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 02/05/97)

Abbreviations and Acronyms:

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

Citations:

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

Code of Federal Regulations:

Example: [40 CFR 60.334]

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

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

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

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

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

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
(version dated 02/05/97) (continued)

Identification Numbers:

Facility Identification (ID) Number:

Example: Facility ID No.: 1050221

Where:

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

Permit Numbers:

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

Where:

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

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

Where:

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

Appendix H-1: Permit History

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

| E.U. ID No. | Description | Permit No. | Effective Date | Expiration Date | Project Type ¹ |
|-------------|-------------|----------------|----------------|-----------------|-----------------------------|
| All | Facility | 0270003-013-AG | 07/01/2004 | 07/15/2005 | Citrus Statute |
| All | Facility | 0270003-014-AC | Pending | Pending | Construction (repermitting) |
| All | Facility | 0270003-015-AV | Pending | Pending | New (repermitting) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

¹ Project Type (select one): Title V: Initial, Revision, Renewal, or Admin. Correction; Construction (new or mod.); or, Extension (AC only).

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Peace River Citrus Products, Inc.
Arcadia Facility

DRAFT Permit No.: 0270003-015-AV
Facility ID No.: 0270003

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62-210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities

1. Nitrogen Tanks
2. 55 Gal. Drums of KOH Caustic Cleaner
3. Heat Seal Machine (Electric)
4. Caustic Cleaning of Product Tanks, Lines, Equipment
5. Storage of Caustic
6. Chlorination and Chlorine Cylinders
7. Storage of CS 138 (Iodine Solution)
8. Caustic Make-up Tank
9. Welding (Mig & Acetylene)
10. Air Compressors
11. Minimal Spot Painting (Spray cans touch-up)
12. Rotary Saw Not continuous, occasional cutting to build
13. Refrigeration Equipment
14. Water Base Painting of floors and walls
15. Sodium/Potassium Hydroxide Storage Tank
16. Nitric Acid Storage Tank
17. Sodium Hydroxide Tank
18. Enclosed Blasting Cabinet
19. Pressurized CO₂ Tank
20. Lime Unloading, Handling, Storage and Wet Blending
21. Process, packaging, QA, QC, Research and Environmental Labs
22. Pesticide/Herbicide/Fungicide Application
23. Steam Cleaning
24. Indoor Fugitives
25. Electric Vehicles
26. Transformers, Switchgear, etc.
27. Vacuum Pumps
28. Hydraulic Equipment
29. Maintenance Shop Parts Washer
30. Cooling Tower

31. Dried Pellet Handling
32. Wastewater Disposal
33. Methanol Production from Peel Decomposition

Friday, Barbara

From: Exchange Administrator
Sent: Tuesday, April 25, 2006 8:54 AM
To: Friday, Barbara
Subject: Delivery Status Notification (Relay)

Attachments: ATT472829.txt; DRAFT Title V Permit No.: 0270003014AC/0270003015AV - Peace River Citrus Products, Inc.



ATT472829.txt
(285 B)



DRAFT Title V
Permit No.: 027...

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

G2Services@aol.com

Friday, Barbara

From: . System Administrator
To: Svec, Ed; Nasca, Mara
Sent: Tuesday, April 25, 2006 8:53 AM
Subject: Delivered:DRAFT Title V Permit No.: 0270003014AC/0270003015AV - Peace River Citrus Products, Inc.

Your message

To: 'G2Services@aol.com'; Nasca, Mara
Cc: Svec, Ed
Subject: DRAFT Title V Permit No.: 0270003014AC/0270003015AV - Peace River Citrus Products, Inc.
Sent: 4/25/2006 8:52 AM

was delivered to the following recipient(s):

Svec, Ed on 4/25/2006 8:53 AM
Nasca, Mara on 4/25/2006 8:53 AM

Friday, Barbara

To: G2Services@aol.com; Nasca, Mara
Cc: Svec, Ed
Subject: DRAFT Title V Permit No.: 0270003014AC/0270003015AV - Peace River Citrus Products, Inc.
Attachments: 0270003-015-AV-D.zip; 0270003-014-AC-D.zip

Attached for your records are two zip files for the subject DRAFT AC/Title V Permit.

If I may be of further assistance, please feel free to contact me.

Barbara J. Friday
Planner II
Bureau of Air Regulation
(850)921-9524
Barbara.Friday@dep.state.fl.us

4/25/2006