


Memorandum

Florida Department of Environmental Protection

TO: Clair Fancy

THRU: Scott Sheplak

FROM: Edward Svec 

DATE: July 3, 2002

SUBJECT: Peace River Citrus Products, Inc.
Two New 1,000 Horsepower Boilers

Attached for approval and signature is an intent to issue an air construction permit for two new boilers at the Peace River Cold Storage Plant. These boilers will have a design heat input rate of 41.63 MMBtu per hour. The applicant states that the boilers will fire only natural gas. Total natural gas use will be limited to 400 million cubic feet per year at the request of the applicant, in order to avoid review under the Prevention of Significant Deterioration rules. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

This project is not subject to PSD because the associated emissions increases are not significant for PSD. Total emissions of pollutants from this project will not exceed the approximate annual emission rates in tons per year: PM, 1.52; SO₂, 0.12; NO_x, 20.0; CO, 16.8; VOC, 1.10.

I recommend your approval and signature.

Today is day 8 of the 90 day timeclock.

Attachments

/es



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

July 17, 2002

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

Re: DRAFT Title V Operation Permit Revision No.: 1050045-007-AV
Draft Air Construction Permit No.: 1050045-006-AC
Peace River Cold Storage Facility

Dear Mr. Plymale:

Enclosed is one copy of the Technical Evaluation and Preliminary Determination and associated combined Air Construction Permit/Title V DRAFT Operation Permit Revision, for the Peace River Cold Storage Facility located at 2020 U.S. Highway 17 South, Bartow, Polk County. The Department's "INTENT TO ISSUE A COMBINED AIR CONSTRUCTION PERMIT/TITLE V OPERATION PERMIT REVISION" and the "PUBLIC NOTICE OF INTENT TO ISSUE A COMBINED AIR CONSTRUCTION PERMIT/TITLE V OPERATION PERMIT REVISION" are also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE A COMBINED AIR CONSTRUCTION PERMIT/TITLE V OPERATION PERMIT REVISION" must be published one time only, as soon as possible, the legal advertising section of a newspaper of general circulation in the area affected, pursuant to the requirements of Chapter 50, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit modification.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Scott Sheplak, P.E., Administrator, Title V Section at the above letterhead address. If you have any questions, please call Mr. Edward J. Svec at 850/921-8985.

Sincerely,

C. H. Fancy, P.E., Chief,
Bureau of Air Regulation

CHF/es

Enclosures

U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

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
Peace River Citrus Products, Inc.
Post Office Box 730
Arcadia, Florida 34265



2. Article Number (Copy from service label)

7099 3400 0000 1449 5625

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

x *B. J. Taylor* ☐ Agent
☐ Addressee

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

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

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(Domestic Mail Only; No Insurance Coverage Provided)

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Mr. Bart Plymale

Postage \$

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Return Receipt Fee
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(Endorsement Required)

Total Postage & Fees \$

Postmark
Here

Name (Please Print Clearly) (to be completed by mailer)

Mr. Bart Plymale

Street, Apt. No., or PO Box No.
Post Office Box 730City, State, ZIP+4
Arcadia, Florida 34265

PS Form 3800, July 1999

See Reverse for Instructions

In the Matter of an
Application for Permit by:

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

Air Construction Permit No. 1050045-006-AC
Title V Operation Permit Revision 1050045-007-AV
Two 1,000 Horsepower Boilers
Peace River Cold Storage Facility
Polk County

INTENT TO ISSUE A COMBINED AIR CONSTRUCTION PERMIT/TITLE V OPERATION PERMIT REVISION

The Department of Environmental Protection (Department) gives notice of its intent to issue a combined Air Construction Permit/ Title V Operation Permit Revision (copy of the combined Draft Air Construction Permit/ Title V DRAFT Operation Permit Revision is attached) for the proposed project, detailed in the application specified above and the attached Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Peace River Citrus Products, Inc., applied on June 25, 2002, to the Department to construct two 1,000 horsepower boilers at the Peace River Cold Storage Facility in Polk County.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-212, 62-213, and 62-214. The Department has determined that a combined Air Construction Permit/ Title V Operation Permit Revision is required in order to: increase the allowable operating hours through a cap in total fruit processed in a 12-month period by the current Title V operating permit.

The Department intends to issue this combined Air Construction Permit/ Title V Operation Permit Revision based on the belief that reasonable assurances have been provided to indicate that operation of the Title V source will not adversely impact air quality, and the Title V source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1., F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE A COMBINED AIR CONSTRUCTION PERMIT/TITLE V OPERATION PERMIT REVISION." The notice shall be published one time only 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. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax 850/922-6979). The Department suggests that you publish the notice within thirty days of receipt of this letter. You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in section 50.051, F.S. to the office of the Department issuing the permit or other authorization. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) & (11), F.A.C.

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

The Department will accept written comments concerning the proposed permit issuance action for a period of thirty (30) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE A COMBINED AIR CONSTRUCTION PERMIT/TITLE V OPERATION PERMIT REVISION." Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change to this combine Draft Air Construction Permit/ Title V DRAFT Operation Permit Revision, the Department shall issue a combined Revised Draft Air Construction Permit/ Title V DRAFT Operation Permit Revision and require, if applicable, another Public Notice.

The Department will issue the Air Construction Permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station # 35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within 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) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within 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 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department'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 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; and (f) A demand for relief.

A petition that does not dispute the material facts upon which the Department'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

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. Mediation is not available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

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 permit. Any petition shall be based only on objections to the 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 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.



C. H. Fancy, P.E., Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE A COMBINED AIR CONSTRUCTION/TITLE V OPERATION PERMIT REVISION (including the combined Draft Air Construction Permit/Title V DRAFT Operation Permit Revision) and all copies were sent by certified mail before the close of business on 7/18/02 to the person(s) listed:

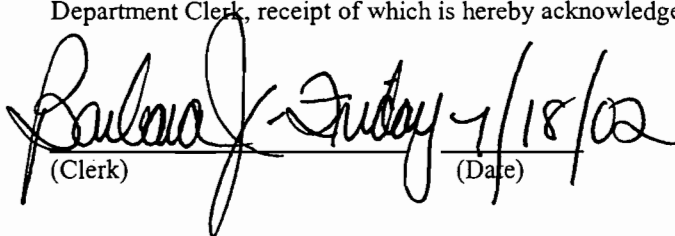
Bart Plymale, Vice President, Peace River Citrus Products, Inc.

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE A COMBINED AIR CONSTRUCTION/TITLE V OPERATION PERMIT REVISION (including the combined Draft Air Construction Permit/Title V DRAFT Operation Permit Revision) were sent by U.S. mail on the same date to the person(s) listed:

Wayne Griffin, P.E., G2 Services, Ltd.
Gerald Kissel, P.E., SWD

Clerk Stamp

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


(Clerk) (Date)

**PUBLIC NOTICE OF INTENT TO ISSUE A COMBINED AIR CONSTRUCTION PERMIT/TITLE V
OPERATION PERMIT REVISION**

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Air Construction Permit No. 1050045-006-AC
Title V Operation Permit Revision No.: 1050045-007-AV

Peace River Citrus Products, Inc.
Peace River Cold Storage Facility
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue a combined Air Construction Permit/Title V Operation Permit Revision to Peace River Citrus Products, Inc. for the Peace River Cold Storage Facility located at 2020 U.S. Highway 17 South, Bartow, Polk County. The applicant's name and address are Peace River Citrus Products, Inc., Post Office Box 730, Arcadia, Florida 34265.

The Department will issue the combined Draft Air Construction Permit/Title V PROPOSED Operation Permit Revision, and subsequent combined Final Air Construction Permit/ Title V FINAL Operation Permit Revision, in accordance with the conditions of the attached Draft Air Construction Permit/ Title V DRAFT Operation Permit Revision unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The Department has determined that a combined Air Construction Permit/ Title V Operation Permit Revision is required in order to: construct two 1,000 horsepower boilers at the Peace River Cold Storage Facility in Polk County.

The Department will accept written comments concerning the proposed combined Draft Air Construction Permit/Title V DRAFT Operation Permit Revision for a period of thirty (30) days from the date of publication of this notice. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this combined Draft Air Construction Permit/Title V DRAFT Operation Permit Revision, the Department shall issue a combined Revised Draft Air Construction Permit/Title V DRAFT Operation Permit Revision and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station # 35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen (14) 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) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen (14) 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 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department'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 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; and (f) A demand for relief.

A petition that does not dispute the material facts upon which the Department'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 Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application 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 permit. Any petition shall be based only on objections to the 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 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:

Department of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida, 32301
Telephone: 850/488-1344
Fax: 850/922-6979

Department of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619-8218
Telephone: 813/744-6100
Fax: 813/744-6084

The complete project file includes the application, the Technical Evaluation and Preliminary Determination, combined Draft Air Construction Permit/Title V DRAFT Operation Permit Revision, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, Title V Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-0114, for additional information.

TECHNICAL EVALUATION AND DETERMINATION

1 APPLICANT NAME AND ADDRESS

Peace River Citrus Products, Inc.
Post Office Box 730
Arcadia, Florida 34265

Authorized Representative: Bart Plymale, Vice President

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The Peace River Cold Storage Facility, located in Bartow, Polk County, is an existing citrus juice processing facility. The project is an air construction permit for two 1,000 horsepower Johnson boilers. These boilers will provide process steam, which was previously provided by an adjacent co-generation power plant. These boilers will have a design heat input rate of 41.63 MMBtu per hour. The applicant states that the boilers will fire only natural gas. Total natural gas use will be limited to 400 million cubic feet per year at the request of the applicant, in order to avoid review under the Prevention of Significant Deterioration rules. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are new 1,000 Horsepower Boiler #1, Emissions Unit I.D. – 010 and new 1,000 Horsepower Boiler #2, Emissions Unit I.D. – 011.

The emissions increases associated with this project were estimated as follows in tons per year.

Pollutant	Net Increase ¹	PSD Significance	Subject to PSD?
PM/ PM ₁₀	1.52	25/15	No
SO ₂	0.12	40	No
NOx	20.0	40	No
CO	16.8	100	No
VOC	1.1	40	No

¹ Potential emissions (shown as net increase) were estimated by the Department from allowable natural gas usage and AP-42 emission factors (tables 1.4-1 and 1.4-2 for natural gas), given a design heat input capacity of 41.63 mmBtu/hour, and 200 million cubic feet natural gas per unit per year.

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The existing facility is located in an area designated, in accordance with Rule 62-204.340, F.A.C., as attainment or unclassifiable for the criteria pollutants ozone, PM₁₀, carbon monoxide, SO₂, nitrogen dioxide and lead. This facility is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant exceed 100 tons per year (TPY). The Department has previously found that citrus juice processing facilities such as this facility have potential emissions of VOC exceeding 250 TPY.

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

The new process steam boilers are subject to regulation under the New Source Performance Standards of 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units. These emissions units are also subject to a determination of Best Available Control Technology (BACT) pursuant to Rule 62-296.406, F.A.C. The applicant requested that BACT be

determined to be the use of natural gas, only. BACT for small boilers is typically the use of natural gas and low, by weight, sulfur fuel oil, so the applicant's request is consistent with the Department's previous BACT determinations. The Department's determination for this project is that BACT shall be the use of natural gas as the only fuel. Natural gas use will be further limited to not exceed 200 million cubic feet per year per boiler.

The rationale for the Department's BACT determination is that sulfur in fuel is a primary air pollution concern, since most of the fuel sulfur becomes sulfur dioxide, and particulate matter emissions from fuel burning are related to the sulfur content. Reducing the allowable sulfur content of the fuels burned will reduce the emissions of sulfur dioxide and particulate matter. Natural gas has the lowest sulfur content of the typically available fuels. Burning of natural gas results in relatively lower emissions of other criteria pollutants as compared with firing fuel oil, with the exception of nitrogen oxides, which are higher. Thus, for the majority of pollutants, including particulate matter and sulfur dioxide, the use of natural gas is the best alternative.

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

3 SOURCE IMPACT ANALYSIS

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

4 EXCESS EMISSIONS

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

5 LIMITS AND COMPLIANCE REQUIREMENTS

The permit limits the heat input to the emissions units from all permitted fuels and limits the total fuel consumed per year. Specific emission limits were imposed to keep the potential emissions below the PSD significance criteria. The fuel consumption limits and the compliance requirements are detailed in Section III of the permit.

6 PRELIMINARY DETERMINATION

Based on the foregoing technical evaluation of the application and other available information, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations. The Department's preliminary determination is to issue the draft permit to allow the construction of new 1,000 Horsepower Boiler #1 (Emissions Unit I.D.-010) and new 1,000 Horsepower Boiler #2 (Emissions Unit I.D.-011), subject to the terms and conditions of the draft permit.

7 FINAL DETERMINATION

^DRAFT (This section will be revised when a final permit is issued for this project.)

DETAILS OF THIS ANALYSIS MAY BE OBTAINED BY CONTACTING:

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



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

PERMITTEE

Peace River Citrus Products, Inc.
Post Office Box 730
Arcadia, Florida 34265

Permit No.	1050045-006-AC
Project	Two 1,000 Horsepower Boilers
SIC No.	20, 2033
Expires:	^DRAFT

Authorized Representative:

Bart Plymale, Vice President

PROJECT AND LOCATION

This permit authorizes Peace River Citrus Products, Inc., Peace River Cold Storage Facility, to install two 1,000 horsepower boilers. The new boilers will have a physical capacity of 41.63 MMBtu/hour and will fire natural gas, only.

The Peace River Cold Storage Facility is located at 2020 U.S. Highway 17 South, Bartow, Polk County. The UTM coordinates are: Zone 17; 418.7 km E and 3086.3 km N.

STATEMENT OF BASIS

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297. The above named permittee is authorized to construct the emissions units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

APPENDICES

The attached appendix is a part of this permit:

Appendix GC General Permit Conditions

DRAFT

Howard L. Rhodes, Director
Division of Air Resource
Management

AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The project is for the installation of two 1,000 horsepower Johnson boilers. These boilers will provide process steam, which was previously provided by an adjacent co-generation power plant. These boilers will have a design heat input rate of 41.63 MMBtu per hour. The applicant states that the boilers will fire only natural gas. Total natural gas use will be limited to 400 million cubic feet per year at the request of the applicant, in order to avoid review under the Prevention of Significant Deterioration rules. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

The emissions units addressed by this permit are new 1,000 Horsepower Boiler #1, Emissions Unit I.D. -010 and new 1,000 Horsepower Boiler #2, Emissions Unit I.D. -011.

The annual potential emissions associated with this project in tons per year are approximately: PM, 1.52; SO₂, 0.12; NO_x, 20.0; CO, 16.8; VOC, 1.1. The facility information, project scope, emissions and rule applicability are described in detail in the Department's Technical Evaluation and Determination.

REVIEWING AND PROCESS SCHEDULE

June 25, 2002	Received permit application (no application fee required)
June 25, 2002	Application complete
^DRAFT	Distributed Notice of Intent to Issue and supporting documents
^DRAFT	Notice of Intent published in ^DRAFT

RELEVANT DOCUMENTS

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

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

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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

ADMINISTRATIVE

1. Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to reports, tests, minor modifications and notifications shall be submitted to the Department's Southwest District office at 3804 Coconut Palm Drive, Tampa, Florida 33619-8218, and phone number 813/744-6100.
2. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes (F.S.). [Rule 62-4.160, F.A.C.]
3. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S., and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297 and the Code of Federal Regulations Title 40, Part 60, adopted by reference in the F.A.C. regulations. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C., and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., for good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Expiration: This air construction permit shall expire on ^DRAFT. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration of the permit. [Rules 62-210.300(1), 62-4.070(4), 62-4.080, and 62-4.210, F.A.C.]
7. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Title V Operation Permit Required: This permit authorizes construction and/or installation of the permitted emissions unit and initial operation to determine compliance with Department rules. A revision to the Title V operation permit is required for regular operation of the permitted emissions unit. The owner or operator shall apply for a Title V operation permit at least ninety days prior to

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Southwest District office. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

OPERATIONAL REQUIREMENTS

9. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's Southwest District office. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules. [Rule 62-4.130, F.A.C.]
10. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]
11. Excess Emissions: This permit does not change any authorization for excess emissions provided by other Department permits for other emissions units. The following excess emissions provisions of state rule apply to these emissions unit (emissions units 010 and 011) as specified below.
 - (a) Excess emissions resulting from start-up and shutdown are permitted for emissions units 010 and 011 providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period.
 - (b) Excess emissions resulting from malfunction of this emissions unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
 - (c) Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited.

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

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

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

- (a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

REPORTING AND RECORD KEEPING REQUIREMENTS

- 13. Duration of Record Keeping:** Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. [Rules 62-4.160(14)(a) & (b) and 62-213.440(1)(b)2.b., F.A.C.]
- 14. Excess Emissions Report:** In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department's Southwest District office within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 15. Annual Operating Report for Air Pollutant Emitting Facility:** The Annual Operating Report for Air Pollutant Emitting Facility shall be completed each year and shall be submitted to the Department's Southwest District office and, if applicable, the appropriate local program by March 1 of the following year. [Rule 62-210.370(3), F.A.C.]

AIR CONSTRUCTION PERMIT
SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

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

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
010	New 1,000 Horsepower Boiler #1
011	New 1,000 Horsepower Boiler #2

[Note: These emissions units are process steam boilers that are installed to serve as a source of steam to meet citrus processing needs. Each boiler is limited to one of a physical capacity of 41.63 MMBtu/hour, and will fire natural gas, only. These emissions units are subject to the requirements of the state rules as indicated in this permit. These emissions units are subject to a determination of Best Available Control Technology pursuant to Rule 62-296.406, F.A.C. The fuel authorized by this permit is consistent with that BACT determination. These emissions units are also subject to regulation under the New Source Performance Standards of 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.]

STATE AND FEDERAL RULE REQUIREMENTS

OPERATIONAL REQUIREMENTS

1. **Hours of Operation:** Each emissions unit may operate up to 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200, F.A.C., and limitation on potential to emit]
2. **Methods of Operation - Fuels.**
The permittee is authorized to burn only the following fuels in each of the boilers:
 - a. Primary fuel: Natural gas.
 - b. Standby fuel: No standby fuel is authorized. [Rules 62-210.200(PTE), 62-4.160(2), and 62-213.440(1), F.A.C.; and, Applicant request dated June 25, 2002]
3. **Capacity:** The maximum total natural gas usage in all of the boilers shall not exceed 400 MMcf in any 12 consecutive month period. [Rules 62-4.070(3), 62-210.200 and 62-296.406, F.A.C.; and, Applicant request dated June 25, 2002]
4. **Visible Emissions Limited:** Visible emissions from each emissions unit shall not exceed 20 percent opacity except for one two-minute period per hour during which opacity shall not exceed 40 percent. [Rule 62-296.406(1), F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

5. **Visible Emission Tests Required:** The owner or operator shall demonstrate compliance with the visible emissions limit for this emissions unit upon initial installation and annually using EPA Method 9, as described in 40 CFR 60 Appendix A. [Rules 62-4.070(3) and 62-297.310, F.A.C.]

REPORTING AND RECORD KEEPING REQUIREMENTS

6. **Natural Gas Consumption Records:** The owner or operator shall make and maintain monthly records of natural gas consumption for these emissions units. From the monthly records of consumption of all permitted fuels, the owner or operator shall make records of the consecutive 12-month fuel consumption to demonstrate compliance with the fuel consumption limits of specific condition 3 of this section. All of these records shall be completed within ten days of the end of each month. [Rule 62-4.070(3), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

7. Pursuant to 40 CFR 60.48c NSPS Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), the permittee is required to maintain daily records of the amount of natural gas combusted. Since none of the emission limits in Subpart Dc are applicable to this boiler when firing natural gas (the primary fuel for this boiler), it has been determined by the Department that keeping records for natural gas usage on a monthly rather than daily basis is adequate for the purpose of verifying the periods that only natural gas is burned in this unit. [Rule 62-296.810, F.A.C.; 40 CFR 60.48c(g) and (i)]
8. The permittee shall submit the following written notifications to the Air Compliance Section of the Southwest District Office of the Department:
- A notification of the date construction (or reconstruction as defined under 60.15) of the boiler is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
 - A notification of the anticipated date of initial startup of the boiler, postmarked not more than 60 days nor less than 30 days prior to such date.
 - A notification of the actual date of initial startup of the boiler, postmarked within 15 days after such date.
 - A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 60.14 (e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.7(a) and 40 CFR 60.48c(a)]

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

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


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

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

APPENDIX GC
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ();
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards (X).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information, required by law, which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

MEMORANDUM

TO: Scott M. Sheplak, P.E.
FROM: Edward J. Svec 
DATE: July 3, 2002

Re: Intent package for DRAFT Permit Revision No.: 1050045-007-AV
Peace River Citrus Products, Inc.
Peace River Cold Storage Facility

Permit Clock: Today is ARMS Day 8
Day 90: September 23, 2002

This permit is for a Title V air operation permit revision for the subject facility.


The subject of this permit revision is to incorporate the terms and conditions of air construction permit, No. 1050045-006-AC, for a two 1,000 horsepower Johnson boilers at the Peace River Cold Storage Facility. This is a concurrently processed air construction and Title V permit revision project, so a compliance plan is included.

I recommend that this Intent to Issue be sent out as attached.

SS/es

[electronic file name: memo-d.doc]

Florida's DRAFT Permit Electronic Notification Cover Memorandum

TO: Elizabeth Bartlett, U.S. EPA Region 4
CC: Gregg Worley, U.S. EPA Region 4
THRU: Scott Sheplak P.E., Bureau of Air Regulation
FROM: Edward J. Svec, Permit Engineer 
DATE: 7/17/02
RE: U.S. EPA Region 4 DRAFT Title V Operation Permit Revision Review

The following DRAFT Title V operation permit(s) revision and associated documents have been posted on the DEP World Wide Web Internet site for your review. The DRAFT permit is for the Peace River Citrus Products' Cold Storage Facility. Please provide any comments via Internet E-mail, to Scott Sheplak, at "Sheplak_S@dep.state.fl.us".

<u>Applicant Name</u>	<u>County</u>	<u>Method of Transmittal</u>	<u>Electronic File Name(s)</u>
Peace River Citrus Payne Creek Generating Station	Polk	INTERNET	1050045Rd.zip

This zipped file contains the following electronic files:

sob.doc
1050045Ri.doc
1050045Rd.doc
10500451.doc
10500452.doc
1050045g.doc
1050045h.doc



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

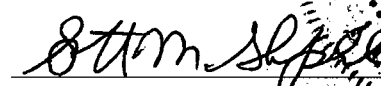
P.E. Certification Statement

Permittee:
Peace River Citrus Products, Inc.

Permit No.: 1050045-006-AC
DRAFT Permit Revision No.: 1050045-007-AV

Project type: Air Construction Permit/Title V Permit Revision for Two 1,000 HP Boilers

***I HEREBY CERTIFY** that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).*



Scott M. Sheplak, P.E.
Registration Number: 48866

Permitting Authority:
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/921-9532
Fax: 850/922-6979

STATEMENT OF BASIS

Peace River Citrus Products, Inc.
Peace River Cold Storage Facility
Facility ID No.: 1050045
Polk County

Title V Air Operation Permit Revision
DRAFT Permit Project No.: 1050045-007-AV
Revision to Title V Air Operation Permit No.: 1050045-004-AV

The initial Title V Air Operation Permit, No. 1050045-004-AV, was issued/effective on April 11, 2000. This Title V Air Operation Permit Revision 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 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.

The subject of this permit revision is to incorporate the terms and conditions of air construction permit, No. 1050045-006-AC, for a two 1,000 horsepower Johnson boilers at the Peace River Cold Storage Facility. This is a concurrently processed air construction and Title V permit revision project, so a compliance plan is included.

The emissions units addressed in this revision are process steam boilers that are installed to serve as a source of steam to meet citrus processing needs. Each boiler is limited to one of a physical capacity of 41.63 MMBtu/hour, and will fire natural gas, only. These emissions units are regulated under: Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators with less than 250 Million Btu per Hour Heat Input, New and Existing Emissions Units; and, NSPS - 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, adopted and incorporated by reference in Rule 62-204.800, F.A.C. The permit section addressing these emissions units is the previously reserved Section III, Subsection A.

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

Based on the initial Title V Air Operation Permit application received June 14, 1996, this facility is not a major source of hazardous air pollutants (HAPs).

Peace River Citrus Products, Inc.
Peace River Cold Storage Facility
Facility ID No.: 1050045
Polk County

Title V Air Operation Permit Revision

DRAFT Permit No.: 1050045-007-AV
Revision to Title V Air Operation Permit No.: 1050045-004-AV

Permitting Authority:

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
Telephone: 850/488-1344
Fax: 850/922-6979

Compliance Authority:

Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100
Fax: 813/744-6458

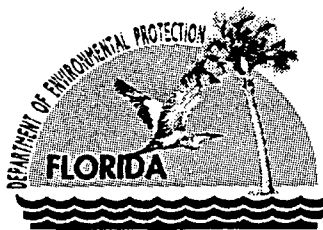
Title V Air Operation Permit Revision

DRAFT Permit No.: 1050045-007-AV

Revision to Title V Air Operation Permit No.: 1050045-004-AV

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Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

Permittee:

Peace River Citrus Products, Inc.
Post Office Box 730
Arcadia, Florida 34265

DRAFT Permit No.: 1050045-007-AV

Facility ID No.: 1050045

SIC Nos.: 20, 2033, 2037, 2048

Project: Title V Air Operation Permit Revision

This permit revision is being issued for the purpose of incorporating the terms and conditions of air construction permit, No. 1050045-006-AC, for a two 1,000 horsepower Johnson boilers at the Peace River Cold Storage Facility. This facility is located at 2020 U.S. Highway 17 South, Bartow, Polk County; UTM Coordinates: Zone 17, 418.7 km East and 3083.6 km North; Latitude: 27° 52' 35" North and Longitude: 81° 49' 33" West.

This Title V Air Operation Permit Revision 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 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-4, TITLE V CONDITIONS (version dated 02/12/02)

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/7/96)

TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/7/96)

Effective Date: April 11, 2000

Revision Effective Date:

Renewal Application Due Date: October 11, 2004

Expiration Date: April 11, 2005

Howard L. Rhodes, Director
Division of Air Resource Management

HLR/sms/ejs

"More Protection, Less Process"

Printed on recycled paper.

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two citrus peel dryers, one citrus peel pellet cooler, two 1,000 horsepower boilers, and process equipment (which includes fruit washers, oil and juice extraction equipment, cooling towers, fruit and peel conveyance equipment and peel storage).

The facility is a Title V facility, since it has the potential to emit 100 tons per year or more of volatile organic compounds (VOC). The facility is also considered a PSD major facility, since the facility has the potential to emit 250 tons per year or more of VOC's. This permit contains no emission limit for VOC's, since there is no applicable standard.

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

Based on the initial Title V permit application received June 14, 1996, 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).

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-010	1,000 Horsepower Johnson Boiler #1
-011	1,000 Horsepower Johnson Boiler #2
-006	Two Citrus Peel Dryers
-007	Citrus Peel Pellet Cooler

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 informational 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

Statement of Basis

These documents are on file with permitting authority:

Initial Title V Air Operation Permit issued April 11, 2000

Application for a Title V Air Operation Permit Revision received June 25, 2002

Subsection D. Miscellaneous.

The use of 'Permitting Notes' throughout this permit are for informational purposes only and are not permit conditions.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-4, TITLE V CONDITIONS, is a part of this permit.
{Permitting note: APPENDIX TV-4, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided a copy when requested or otherwise appropriate.}
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not 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).
[Rule 62-296.320(4)(b)1., 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 3346
Merrifield, VA 22116-3346
Telephone: 703/816-4434
 - 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. 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.

[Rule 62-296.320(1)(a), F.A.C.]

6. 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.]

7. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include: application of water to paved and unpaved areas accommodating vehicular traffic if a visible particulate plume is observed to extend more than 15 feet from the point of origin; removal of particulate matter from buildings or work areas to prevent a visible particulate plume of unconfined particulates from being visible more than 15 feet from the point of origin; and enclosure or covering of conveyor systems where necessary to prevent unconfined particulate emissions from being visible more than 15 feet from the point of origin.

[Rule 62-296.320(4)(c)2., F.A.C., and applicant's request in initial Title V permit application received on June 14, 1996]

{Permitting Note: This condition implements the requirements of Rules 62-296.320(4)(c)1., 3., & 4., F.A.C. (see Condition No. 57. of APPENDIX TV-4, TITLE V CONDITIONS)}

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

{Permitting Note: This rule cannot vary any requirement of an applicable NSPS or NESHAP provision.}

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.]

10. A situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3).

[Rule 62-213.440(1)(d)5, F.A.C.]

Test Methods and Procedures

11. Compliance with the monitoring requirements of this permit for monitoring equipment not previously installed prior to issuance of this permit shall commence on the date of the next required compliance test after issuance of this permit.

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

12. The requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., *Stationary Sources - Emission Monitoring* and 40 CFR 60, Appendix A.

[Rule 62-297.401, F.A.C.]

13. The visible emissions test shall be conducted by a certified observer and be a minimum of thirty minutes in duration, unless otherwise specified within. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur.

[Rule 62-297.310(4)(a)2, F.A.C.]

14. Testing of emissions shall be conducted with the source operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than 30 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit. In no case shall the process or production rate exceed the maximum permitted process or production rate. The actual process or production rate during the test shall be included in each test report. Failure to include the actual process or production rate in the results may invalidate the test. In addition, the test results shall include any operating parameters limited or specified to be recorded in this permit, e.g., scrubber flow rate.

[Rule 62-4.070(3), F.A.C.]

15. If the Department of Environmental Protection has reason to believe that any applicable emission standard is being violated, then the Department of Environmental Protection may require the permittee to conduct compliance tests, which identify the nature and quantity of pollutant emissions and to provide a report on the results of the tests.

[Rule 62-297.310(7)(b), F.A.C.]

Recordkeeping and Reporting Requirements

16. The permittee shall notify the Air Compliance Section of the Southwest District Office of 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 contact person who will be responsible for coordinating and having such test conducted.

[Rule 62-297.310(7)(a)9, F.A.C.]

17. The permittee shall submit to the Air Compliance Section of Southwest District Office of the Department each calendar year, on or before March 1, a completed DEP Form 62-210.900 (5), an "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year containing the following information pursuant to Subsection 403.061(13), F.S.:

- a. Annual amount of materials and/or fuels utilized;
- b. Annual emissions (note calculation basis);
- c. Hours of operation;
- d. Any changes in the information contained in the permit.

If a sprayfield is associated with this facility, VOC emissions from the sprayfield shall be included in the AOR. The annual "Statement of Compliance" (ref. Appendix TV-4, item 51) shall be submitted with the AOR.

[Rule 62-210.370(3), F.A.C.: ref. Appendix TV-4, item 24]

18. Test Reports

- a. The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Air Compliance Section of Southwest District Office of the Department, and the applicable local program(s) 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 or with the operating permit application, whichever is earlier.
- c. The report shall provide sufficient detail on the emissions unit tested (at a minimum, the "Project", "Facility ID" and "Point ID"), the test procedures used to allow the Department to determine if the test report was properly conducted and the test results properly computed. Testing procedures shall be consistent with the requirements of Rule 62-297.310(7), F.A.C.
- d. The test report, other than for an EPA or DEP Method 9 test, as a minimum, shall provide the following information:

1. 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.
2. The normal operating parameters of air pollution control devices installed on each emission unit (e.g., pressure drop, scrubber liquid flow rate, scrubber liquid pressure, total current, etc.), and the operating parameters of air pollution control devices during each test run.

Failure to submit the rates and actual operating conditions in the test report may invalidate the test and fail to provide reasonable assurance of compliance.

[Rules 62-297.310(8) and 62-4.070(3), F.A.C.]

19. Hours of Operation - Unless otherwise noted, all emission units are allowed to operate continuously, i.e., 8760 hours per year.

[Rule 62-4.070(3), F.A.C.]

20. At a minimum, all records and logs required by this permit shall be updated monthly. (Also reference appendix TV-4, items 12(14)(b), 12(14)(c), and 42.)

[Rule 62-4.070(3), F.A.C.]

21. 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.]

22. 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
3804 Coconut Palm Drive
Tampa, Florida 33619-8218
Telephone: 813/744-6100; Fax: 813/744-6458

23. 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 30303-8960
Telephone: 404/562-9155; Fax: 404/562-9163

24. Emission units subject to NSPS at this facility are subject to the provisions of 40 CFR 60 Subpart A – General Provisions. A copy of 40 CFR 60 Subpart A - General Provisions is available from the Department upon request.

25. The facility shall submit an analysis of PSD applicability, retroactive to August 1980. The analysis shall be submitted to the Department's New Source Review Air Permitting Section in Tallahassee within 90 days of the effective date of this permit or as otherwise indicated by the Department, whichever is sooner. [Rule 62-212.400, F.A.C.]

26. 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-4, TITLE V CONDITIONS.)}

27. 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.]

NOTES to PERMITTEE:

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

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.

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.

Permit Renewal - Reference Appendix TV-4, item 5

Section III. Emissions Unit(s) and Conditions.

Subsection A.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-010	1,000 Horsepower Johnson Boiler #1
-011	1,000 Horsepower Johnson Boiler #2

These emissions units are process steam boilers that are installed to serve as a source of steam to meet citrus processing needs. Each boiler is limited to one of a physical capacity of 41.63 MMBtu/hour, and will fire natural gas, only.

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

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 to each boiler shall not exceed 41.63 MMBtu/hour.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and, 1050045-006-AC]

A.2. Methods of Operation - Fuels.

The permittee is authorized to burn only the following fuels in each of the boilers:

- Primary fuel: Natural gas.
- Standby fuel: No standby fuel is authorized.
- The maximum total natural gas usage in all of the boilers shall not exceed 400 MMcf in any 12 consecutive month period.

[Rules 62-210.200(PTE), 62-4.160(2), and 62-213.440(1), F.A.C.; and, 1050045-006-AC]

A.3. Compliance Plan: Before regular operation is authorized, the permittee must demonstrate compliance with all emissions limits and reporting requirements as specified by this permit and receive acknowledgement from the Department that compliance has been demonstrated.

[Rule 62-213.420(1)(a)4., F.A.C.]

Emission Limitations and Standards

A.4. Visible Emissions Limited: Visible emissions from each emissions unit shall not exceed 20 percent opacity except for one two-minute period per hour during which opacity shall not exceed 40 percent.
[Rule 62-296.406(1), F.A.C.]

Test Methods and Procedures

A.5. Visible Emission Tests Required: The owner or operator shall demonstrate compliance with the visible emissions limit for this emissions unit upon initial installation and annually using EPA Method 9, as described in 40 CFR 60 Appendix A.
[Rules 62-4.070(3) and 62-297.310, F.A.C.]

Recordkeeping and Reporting Requirements

A.6. Natural Gas Consumption Records: The owner or operator shall make and maintain monthly records of natural gas consumption for these emissions units. From the monthly records of consumption of all permitted fuels, the owner or operator shall make records of the consecutive 12-month fuel consumption to demonstrate compliance with the fuel consumption limits of specific condition 3 of this section. All of these records shall be completed within ten days of the end of each month. [Rule 62-4.070(3), F.A.C.]

A.7. Pursuant to 40 CFR 60.48c NSPS Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), the permittee is required to maintain daily records of the amount of natural gas combusted. Since none of the emission limits in Subpart Dc are applicable to this boiler when firing natural gas (the primary fuel for this boiler), it has been determined by the Department that keeping records for natural gas usage on a monthly rather than daily basis is adequate for the purpose of verifying the periods that only natural gas is burned in this unit. [Rule 62-296.810, F.A.C.; 40 CFR 60.48c(g) and (i)]

A.8. The permittee shall submit the following written notifications to the Air Compliance Section of the Southwest District Office of the Department:

- a. A notification of the date construction (or reconstruction as defined under 60.15) of the boiler is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form.
- b. A notification of the anticipated date of initial startup of the boiler, postmarked not more than 60 days nor less than 30 days prior to such date.
- c. A notification of the actual date of initial startup of the boiler, postmarked within 15 days after such date.

d. A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 60.14 (e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.

[Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.7(a) and 40 CFR 60.48c(a)]

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

E.U.

ID No. Brief Description

-006 Two Citrus Peel Dryers

Two citrus dryers exhaust through one waste heat evaporator (WHE). Both dryers may not operate simultaneously. Waste citrus peel and pulp ("wet peel") are pressed to remove oils and some water. This press liquor is concentrated to 30 Brix (termed "citrus molasses") using waste heat from the dryer(s), and is added to the dried peel as a binder for pelletizing. The peel discharged from the press ("pressed peel") is then fed to the dryer(s) for removal of remaining water.

The primary dryer is designed to evaporate a maximum of 60,000 pounds/hour of water. The standby dryer is designed to evaporate a maximum of 30,000 pounds/hour of water. Both dryers are fired with natural gas only at a maximum total heat input rate of 100 MMBTU/HR. The primary dryer processes a total maximum of 90,000 pounds/hour of "pressed peel" containing ~68% moisture, 30 Brix citrus molasses, and lime. The standby dryer processes a total design maximum of 45,000 pounds/hour of "pressed peel" containing ~68% moisture, 30 Brix citrus molasses, and lime. The evaporator processes a maximum of approximately 100,000 pounds/hour of 9 Brix liquid waste and converts it to approximately 29,630 pounds/hour at ~30 Brix. Approximately 26,620 pounds/hour of dry feed containing ~10% moisture is produced.

Particulate matter emissions are reduced in the waste heat evaporator during the continuous washing of the waste heat evaporator's tubes. Primary removal of particulate matter is accomplished by use of a cyclone common to both dryers.

Particulate matter emissions are vented to the atmosphere through the evaporator stack. In the event of an emergency, emissions are vented to a relief stack.

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

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

Essential Potential to Emit (PTE) Parameters

B.1. Capacity.

- a. The maximum process input rate to the Primary Dryer shall not exceed 45.0 tons per hour of pressed wet citrus peel.
- b. The maximum process input rate to the Secondary Dryer shall not exceed 22.5 tons per hour of pressed wet citrus peel.
- c. The maximum heat input to each peel dryer shall not exceed 100 MMBtu per hour.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C., Air Construction Permit AC53-261051]

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

Both dryers shall be fired with natural gas only.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C., Air Construction Permit AC53-261051, BACT Determination July 18, 1991]

B.3. Operation Limitations. Both dryers may not operate simultaneously.

[Air Construction Permit AC53-261051]

B.4. Hours of Operation. The hours of operation for this emissions unit shall not exceed 5,040 hours per 12 consecutive month period for both dryers combined.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C., Air Construction Permit AC53-261051]

Emission Limitations and Standards

B.5. The total emissions of particulate matter emitted from the waste heat evaporator shall not exceed 19.44 pounds per hour or 49 tons per year.

[Air Construction Permit AC53-261051, Requested by Permittee November 16, 1994]

B.6. Visible emissions from the evaporator stack shall not be equal to or greater than 20% opacity.

[Air Construction Permit AC53-261051, Rule 62-296.320(4)(b)(1), F.A.C.]

Test Methods and Procedures

B.7. The WHE exhaust shall be tested with only the primary dryer in operation for particulate matter and visible emissions annually on, or during the 60 day period prior to February 15. Emission testing shall be conducted while operating the dryer within 90 - 100% of the maximum process input rate of 45.0 tons/hr., when practical. If it is not practical to test at the maximum process input rate, then the source may be tested at a lower rate. A compliance test submitted at a rate less than 90% of the maximum permitted rate shown above will automatically constitute an amended permit at 110% of the test rate. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity*. The test results shall be submitted to the Air Compliance Section of this office within 45 days of testing. Acceptance of the test by this office will automatically constitute an amended permit at the higher tested rate plus 10%, but in no case shall the maximum permitted rate shown above be exceeded. Failure to submit the following records with the test report may invalidate the test and fail to provide reasonable assurance of compliance:

- The pressed wet peel input rate to the dryer during the test.
- The natural gas usage rate to the dryer during the test.
- The WHE's scrubber operating parameters shall be recorded during the particulate emission compliance test. These WHE operating parameters could include water spray rate (gallons/minute), water feed pump/spray operating pressure, pressure drop across the WHE scrubber section or other parameters that are used to control and monitor the operation of the WHE. (Note: The parameter(s) and their operating levels during the compliance test will be used to provide reasonable assurance on an ongoing basis that the unit is being operated normally and in compliance with the standards - See Condition No. B.13) At least one reading shall be taken and recorded during each run of the particulate emission compliance test and the readings shall be included with any peel dryer test report.

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

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

B.8. Within 30 days of starting up the standby dryer, test the WHE stack for particulate matter and visible emissions with only the standby dryer operating.
[Rules 62-297.310(7) and 62-297.310(8), F.A.C.]

B.9. Compliance with the limitations of Conditions B.5 and B.6 shall be determined using EPA Methods 1, 2, 3, 4, 5 and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Chapter 62-297, F.A.C. The EPA Method 9 test shall be conducted by a certified observer and be a minimum of sixty (60) minutes in duration. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A.
[Chapter 62-297, F.A.C.]

Recordkeeping and Reporting Requirements

B.10. In order to document compliance with the operating hour limitation of Condition B.3, the permittee shall maintain a record of daily peel dryer operating hours. The records shall also include a summary of total operating hours for each month and the most recent 12 consecutive month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.
[Rule 62-213.440, F.A.C.]

B.11. In order to document compliance with Condition B.1, the permittee shall maintain monthly records of the weight of wet peel input processed and/or dried peel produced. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.
[Rule 62-213.440, F.A.C.]

B.12. In order to document compliance with Condition B.1, the permittee shall maintain a record of daily natural gas usage (defined as any period when natural gas is being fired). The records shall also include a summary of total natural gas usage for each month and the most recent 12 consecutive month period. These records shall be recorded in a permanent form suitable for inspection by the Department upon request.
[Rule 62-213.440, F.A.C.]

B.13. WHE operating parameters shall be maintained at a minimum of 90% of the values measured and recorded during the most recent particulate matter emission compliance test. WHE parameters shall be recorded at least once during each 8-hour shift.
[Rules 62-210.650 and 62-213.440(1), F.A.C.]

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

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-007	Citrus Peel Pellet Cooler

The pellet mill cooler has a maximum design utilization rate of dried citrus pellets of 14.0 tons per hour. Dried citrus peel from the feed mill dryer is sent to the pellet mill cooler where molasses is added and it is cooled and formed into pellets for use as an animal feed supplement. Particulate emissions from the cooler are controlled by 1 small cyclone and 1 large cyclone. Each cyclone has its own emission stack. The large cyclone is located north of the small cyclone.

{Permitting note(s): These emissions units are regulated under Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards; and Rule 62-296.700, F.A.C., RACT Particulate Matter.}

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

Essential Potential to Emit (PTE) Parameters

C.1. Capacity. The maximum process input rate to the pellet mill cooler shall not exceed 14.0 tons per hour of dried citrus peel.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

C.2. Hours of Operation. The hours of operation for this emissions unit shall not exceed 5,040 hours per 12 consecutive month period.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C., Requested by permittee, December 27, 1995]

Emission Limitations and Standards

C.3. In order to be exempt from particulate RACT, the total maximum allowable emission rate of particulate matter from the 2 cyclones for a maximum permitted dried citrus pellet utilization rate of 14.0 tons per hour is 18.4 pounds per hour. (46.4 tons per year) as set by the Process Weight Table contained within Rule 62-296.320(4)(a), F.A.C. At lesser rates, the allowable emission rates can be determined from the appropriate equation.
[Rule 62-296.700(2)(b), F.A.C.]

C.4. Visible emissions shall not exceed an opacity of 5% as reasonable assurance of compliance with the pounds per hour particulate matter limitation of Condition C.3.
[Rule 62-4.070(3), F.A.C.]

Test Methods and Procedures

C.5. Test each Citrus Pellet Mill Cooler cyclone for visible emissions annually on, or during the 60 day period prior to, the date of February 15 of each year. Testing of emissions must be conducted when the emission unit being tested is in operation and the test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. A statement of the dried peel process input rate shall be included with all test reports. Failure to submit the additional information as required by Condition C.6, or operating under conditions that are not representative of normal operation, may invalidate the test and fail to provide reasonable assurance of compliance.
[Rules 62-297.310, F.A.C.]

C.6. Compliance with the visible emission limitation of Specific Condition C.4 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Chapter 62-297, F.A.C. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A. Be sure each test report identifies the cyclone (large/small or north/south), dried citrus pellet utilization rate, and copy of the records for the test period as required by Condition C.8.
[Chapter 62-297, F.A.C.]

Recordkeeping and Reporting Requirements

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

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

Peace River Citrus Products, Inc.

DRAFT Permit No.: 1050045-007-AV

Facility ID No.: 1050045

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. Lime handling (unloading, storage, mixing with wet peel)
2. Dried pellet handling (loadout, etc.)
3. Maintenance shop
4. Chlorine Disinfection
5. Methanol Production from peel composition
6. Ammonia Refrigeration
7. Wastewater Treatment

Appendix H-1: Permit History

Peace River Citrus Products, Inc.
Peace River Cold Storage Facility

DRAFT Permit No.: 1050045-007-AV
Facility ID No.: 1050045

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type ¹
All	Facility	1050045-004-AV	04/11/2000	04/11/2005	Initial
All	Transfer of Ownership	1050045-005-AV	03/20/02	04/11/2005	Admin. Correction
-010 and -011	1,000 H.P. Johnson Boiler #1 & #2	1050045-006-AC	Pending	Pending	Construction (new)
All		1050045-007-AV	Pending ²	04/11/2005	Revision

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

² Change to an actual date, which is day 55 from the date of posting the PROPOSED Permit for EPA review (see confirmation e-mail from Tallahassee) or the date that EPA confirms resolution of any objections.

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

Peace River Citrus Products, Inc.

DRAFT Permit No.: 1050045-007-AV**Facility ID No.: 1050045**

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

-010 1,000 Horsepower Johnson Boiler #1
 -011 1,000 Horsepower Johnson Boiler #2
 -006 Two Citrus Peel Dryers
 -007 Citrus Peel Pellet Cooler

E.U. ID No.	Pollutant Name	Fuel(s)	Hours/Yr	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See Permit Condition(s)
				Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
-010 and -011	VE	nat. gas	8760	<20% opacity					62-296.320(4)(b), F.A.C.	III.A.4.
-006	PM	nat. gas	5,040	19.44 lbs/hr, 49 TPY	19.44	49.0	19.44	49.0	AC53-261051/EBA	III. B.5.
	VE	nat. gas	N/A	<20% opacity	N/A	N/A	N/A	N/A	62-296.320(4)(b), F.A.C. AC53-261051	III. B.6.
-007	PM		5,040	18.4 lbs/hr, 46.4 TPY and process weight table	18.4	46.4	18.4	46.4	62-296.700(2)(b), F.A.C.	III. C.3.
	VE		N/A	5% opacity	N/A	N/A	N/A	N/A	62-4.070(3), F.A.C.	III. C.4.

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

N/A: Not Applicable

EBA: Established By Applicant

Table 2-1, Summary of Compliance Requirements

Peace River Citrus Products, Inc.

DRAFT Permit No.: 1050045-007-AV**Facility ID No.: 1050045**

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

-010 1,000 Horsepower Johnson Boiler #1
 -011 1,000 Horsepower Johnson Boiler #2
 -006 Two Citrus Peel Dryers
 -007 Citrus Peel Pellet Cooler

E.U. ID No.	Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See Permit Condition(s)
-010 and -011	VE	nat. gas	9	annual	to be determined	30 minutes		III. A.5.
-006 (primary dryer)	VE	nat. gas	9	annual	15-February	30 minutes		III. B.7. & B.9.
	PM	nat. gas	5	annual	15-February	1 hour		III. B.7. & B.9.
-006 (secondary dryer)	VE	nat. gas	9		30 days of startup	30 minutes		III. B.8. & B.9.
	PM	nat. gas	5		30 days of startup	1 hour		III. B.8. & B.9.
-007	VE		9	annual	15-February	30 minutes		III. C.5. & C.6.
	PM (waived per condition C.4)							

Notes: *Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.

**CMS [=] continuous monitoring system