

G2 Services Ltd.

CONSULTING ENGINEERS

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G2Services@aol.com

May 18, 2004

RECEIVED

MAY 24 2004

Florida Department of
Environmental Protection
Division of Air Resources Management, MS5500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

BUREAU OF AIR REGULATION

ATTN: Ed Svec

Re: Peace River Citrus
#0270003

Gentlemen:

Enclosed herewith are the following items for your review:

1. Four (4) sets of construction/renewal permit applications
2. Four (4) sets of supplemental documents

This application should be considered as a renewal application for the referenced permit and a modification application to convert to an overall fruit throughput basis. No change in emissions is proposed.

Should you have any questions please do not hesitate to contact me at my office.

Sincerely,



Wayne E. Griffin, P.E.
Managing Partner

cc: Bart Plymale

Q. W. W. W. W. W.



Department of Environmental Protection

RECEIVED

Division of Air Resources Management

MAY 24 2004

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

BUREAU OF AIR REGULATION

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Peace River Citrus Products, Inc.	
2. Site Name: Peace River Citrus Products	
3. Facility Identification Number: 0270003 [] Unknown	
4. Facility Location: Arcadia Street Address or Other Locator: 4104 Hwy 72 City: Arcadia County: Desoto Zip Code: 33821	
5. Relocatable Facility? [] Yes [x] No	6. Existing Permitted Facility? [x] Yes [] No

Application Contact

1. Name and Title of Application Contact: Bart Plymale, Vice President	
2. Application Contact Mailing Address: Organization/Firm: Peace River Citrus Products, Inc. Street Address: 4104 Hwy 72 City: Arcadia State: FL Zip Code: 33821	
3. Application Contact Telephone Numbers: Telephone: (863) 494-0440 Fax: (863) 993-3161	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	5/24/04
2. Permit Number:	0270003-011-AV 0270003-012-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- ☐ Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- ☐ Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- ☐ Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit number to be revised: _____

- ☒ Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: 0270003

- ☐ Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit number to be revised: _____

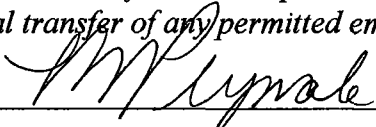
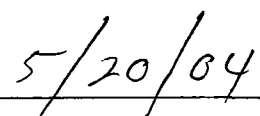
Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- ☒ Air construction permit to construct or modify one or more emissions units.
- ☐ Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- ☐ Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Bart Plymale, Vice President
2. Owner/Authorized Representative or Responsible Official Mailing Address: POB 730 Organization/Firm: Peace River Citrus Products, Inc. Street Address: 4104 Hwy 72 City: Arcadia State: FL Zip Code: 34265
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (863) 494-0440 Fax: (863) 993-3161
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [X], if so) or the responsible official (check here [], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  Signature  Date

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: Wayne E. Griffin Registration Number: 19974
2. Professional Engineer Mailing Address: Organization/Firm: G2 Services, Ltd. Street Address: 708 Lithia Pinecrest Rd. Suite 101 City: Brandon State: FL Zip Code: 33511
3. Professional Engineer Telephone Numbers: Telephone: (813) 685-9727 Fax: (813) 684-1691

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [], if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [X], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [X], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Signature

(seal)

Date

5/17/04

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	Peel Dryer	TITLE V	0
003	Citrus Peel Pellet Mill	TITLE V	0

Application Processing Fee

Check one: ☐ Attached - Amount: \$ 0 ☐ Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:
Change from run time hours basis to facility citrus throughput.

2. Projected or Actual Date of Commencement of Construction: 6/30/04

3. Projected Date of Completion of Construction: 7/01/04

Application Comment

No change in emissions.

A. GENERAL FACILITY INFORMATION

1. Facility UTM Coordinates: Zone:				East (km): 17,409.8	North (km): 3010.1	
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 27° 12' 50"						Longitude (DD/MM/SS): 81° 54' 40"
3. Governmental Facility Code: O		4. Facility Status Code: A		5. Facility Major Group SIC Code: 20	6. Facility SIC(s): 2033,2037,2048	
7. Facility Comment (limit to 500 characters):						

1. Name and Title of Facility Contact: Bart Plymale, Vice President
2. Facility Contact Mailing Address: POB 730 Organization/Firm: Peace River Citrus Products Street Address: 4104 Hwy 72 City: Arcadia State: FL Zip Code: 34265
3. Facility Contact Telephone Numbers: Telephone: (863) 494-0440 Fax: (863) 993-3161

Check all that apply:

List of Applicable Regulations

DEP Form No. 62-210.900(1) - Form
Effective: 2/11/99

B. FACILITY POLLUTANTS

List of Pollutants Emitted

[illegible]

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: [] Attached, Document ID: _____ [] Not Applicable [x] Waiver Requested
2. Facility Plot Plan: [] Attached, Document ID: _____ [] Not Applicable [x] Waiver Requested
3. Process Flow Diagram(s): [] Attached, Document ID: _____ [] Not Applicable [x] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
5. Fugitive Emissions Identification: [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
6. Supplemental Information for Construction Permit Application: [] Attached, Document ID: _____ [X] Not Applicable
7. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

8. List of Proposed Insignificant Activities: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable
10. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Risk Management Plan Verification: <input type="checkbox"/> Plan previously submitted to Chemical Emergency Preparedness and Prevention Office (CEPPO). Verification of submittal attached (Document ID: _____) or previously submitted to DEP (Date and DEP Office: _____) <input type="checkbox"/> Plan to be submitted to CEPPO (Date required: _____) <input checked="" type="checkbox"/> Not Applicable
14. Compliance Report and Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Compliance Certification (Hard-copy Required): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one)			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).			
<input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.			
2. Regulated or Unregulated Emissions Unit? (Check one)			
<input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.			
<input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
3. Description of Emissions Unit Addressed in This Section (limit to 60 characters): PEEL DRYER			
4. Emissions Unit Identification Number: ID: 001		<input type="checkbox"/> No ID <input type="checkbox"/> ID Unknown	
5. Emissions Unit Status Code: A	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code: 20	8. Acid Rain Unit? [N]
9. Emissions Unit Comment: (Limit to 500 Characters)			

Emissions Unit Control Equipment

1. Control Equipment/Method Description (Limit to 200 characters per device or method):

EXISTING INTEGRAL WASTE HEAT EVAPORATOR WITH WET SCRUBBER.
SCRUBBER WATER IS DISCHARGED TO EXISTING PERMITTED
TREATMENT/DISPOSAL SYSTEM.

2. Control Device or Method Code(s):

Emissions Unit Details

1. Package Unit:	
Manufacturer: Gulf	Model Number: 50
2. Generator Nameplate Rating: MW	
3. Incinerator Information:	
Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature:	°F

B. EMISSIONS UNIT CAPACITY INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	54	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		

C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

List of Applicable Regulations

N/A	

D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? PEEL DRYER		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Single stack			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/a			
5. Discharge Type Code: V	6. Stack Height: 90 feet	7. Exit Diameter: 4 feet	
8. Exit Temperature: 180 °F	9. Actual Volumetric Flow Rate: 28,000 scfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 17 East (km): 409.8 North (km): 3010.1			
14. Emission Point Comment (limit to 200 characters):			

F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM	N/A		NS
SO₂	N/A		NS
NO_x	N/A		NS
PM₁₀	N/A		NS
CO	N/A		NS

J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements

1. Process Flow Diagram [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
3. Detailed Description of Control Equipment [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
4. Description of Stack Sampling Facilities [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
5. Compliance Test Report [] Attached, Document ID: _____ [] Previously submitted, Date: _____ [X] Not Applicable
6. Procedures for Startup and Shutdown [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
7. Operation and Maintenance Plan [] Attached, Document ID: _____ [X] Not Applicable [] Waiver Requested
8. Supplemental Information for Construction Permit Application [] Attached, Document ID: _____ [X] Not Applicable
9. Other Information Required by Rule or Statute [] Attached, Document ID: _____ [X] Not Applicable
10. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

11. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Acid Rain Part Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____ <input type="checkbox"/> Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one)			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).			
<input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.			
2. Regulated or Unregulated Emissions Unit? (Check one)			
<input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.			
<input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
3. Description of Emissions Unit Addressed in This Section (limit to 60 characters): PEELET COOLER			
4. Emissions Unit Identification Number:		<input type="checkbox"/> No ID <input type="checkbox"/> ID Unknown	
ID: 003			
5. Emissions Unit Status Code:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code:	8. Acid Rain Unit?
A		20	[N]
9. Emissions Unit Comment: (Limit to 500 Characters)			

Emissions Unit Control Equipment

<p>1. Control Equipment/Method Description (Limit to 200 characters per device or method):</p> <p>INTEGRAL CYCLONE.</p>
<p>2. Control Device or Method Code(s): 008</p>

Emissions Unit Details

1. Package Unit:	Manufacturer: CPM	Model Number: 20
2. Generator Nameplate Rating:	MW	
3. Incinerator Information:	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

B. EMISSIONS UNIT CAPACITY INFORMATION
(Regulated Emissions Units Only)**Emissions Unit Operating Capacity and Schedule**

1. Maximum Heat Input Rate:	N/A	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:	10.125 TPH	
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		

C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

List of Applicable Regulations

N/A	

D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? PEELET COOLER		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Single stack			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/a			
5. Discharge Type Code: H	6. Stack Height: 30 feet	7. Exit Diameter: 2 feet	
8. Exit Temperature: 130 °F	9. Actual Volumetric Flow Rate: 9,000 scfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 17 East (km): 409.8 North (km): 3010.1			
14. Emission Point Comment (limit to 200 characters):			

E. SEGMENT (PROCESS/FUEL) INFORMATION
(All Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): NO FUEL USED		
2. Source Classification Code (SCC):		3. SCC Units: MMCF
4. Maximum Hourly Rate:	5. Maximum Annual Rate: N/A	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: 0	8. Maximum % Ash: 0	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters): 8760 hrs of operation		

Segment Description and Rate: Segment n/a of

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM	N/A		NS
SO₂	N/A		NS
NO_x	N/A		NS
PM₁₀	N/A		NS
CO	N/A		NS

J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)

Supplemental Requirements

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment:

Additional Supplemental Requirements for Title V Air Operation Permit Applications

11. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Acid Rain Part Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____ <input type="checkbox"/> Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

ENGINEERING SUPPLEMENT

PREPARED FOR: Peace River Citrus
POB 730
Arcadia, Florida 34265

PREPARED BY: G2 Services, Ltd
708 Lithia Pinecrest Rd.
Suite 101
Brandon, Florida 33511

DATE: May 17, 2004

A circular stamp, likely a professional seal, is located in the bottom right corner. It contains some illegible text around the perimeter and a date "MAY 17 2004" in the center. A large, stylized signature is written over the stamp.

GENERAL

The Peace River facility processes up to 13,000,000 boxes of citrus fruit per season. Products include concentrate, NFC, juice blends, animal feed, and essential citrus oils. The facility was expanded in 2000 to its present capacity. The facility process approximately 60,000 boxes per day of oranges and/or grapefruit over a 220 day operating season. The primary product is concentrated juice with a secondary product of single strength juice. Cold storage facilities are used to store concentrate, pulp, and essential oils for year round use. Off season, normally June through October, processing includes blending of products for clients, bulk sales, and packaging.

We are requesting replacement of the process rate limits for the existing dryer, EU 001, (Permit condition III.A.1) and the pellet cooler, EU 003, (Permit condition III.B.1) with an overall facility limit of 13,470,000 boxes per year. The operating hours limits in specific conditions III.A.3 and III.B.2 should be deleted. The operating hours limit for the boilers EU 004, 005, and 006 in permit #0270003-010 AC specific condition 5.B. should be deleted.

EQUIVALENT BOX CALCULATION

Current limit= 32.5 tph for Peel Dryer

Permitted operating hours= 4500 hrs

Annual press cake throughput= 32.5 tph X 4500 hrs = 146,250 tons

Design moisture of press cake= 65%

38 # of peel/ box of fruit @ 82% moisture

Equivalent #boxes= $\frac{146,250 \text{ tpy } (1-0.65) \times 2000 \text{ #/tn}}{38\# \times (1-0.82)} = \underline{14,967,105 \text{ boxes}}$

Requested Permit Limit @90% capacity = 13,470,000 boxes per year

EQUIPMENT

FEEDMILL

40,000 #/hr water removal rate peel dryer

15 tph pellet cooler

1 50,000 #/hr wasteheat evaporator

Wet peel from the juice extractors is pumped to a peel bin at the feedmill. After the addition of lime the peel is dewatered in presses prior to drying. The pressed peel is conveyed to the dryer. The dried peel is pelletized and cooled prior to storage. The cooler exhausts thru cyclone out the side of the building. The hot

exhaust from the dryer is sent to the wasteheat evaporator and is scrubbed prior to discharge.

EMISSIONS

This is a record keeping change and is not anticipated to result in any change in emissions. No increase in fuel usage is proposed. No increase in facility capacity is proposed.