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Department of
Environmental Protection BUREAU OF AIR REGULATION

DIVISION OF AIR RESOURCES MANAGEMENT

APPLICATION FOR AIR PERMIT - LONG FORM

I. APPLICATION INFORMATION

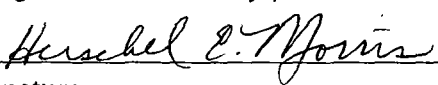
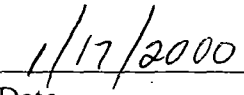
Identification of Facility Addressed in This Application

1. Facility Owner/Company Name : CF Industries, Inc.	
2. Site Name : Plant City Phosphate Complex	
3. Facility Identification Number : 0570005	<input type="checkbox"/> Unknown
4. Facility Location : CF Industries, Inc. Plant City Phosphate Complex 10608 Paul Buchman Hwy Plant City, Florida 33565 Street Address or Other Locator : 10608 City : Plant City County : Hillsborough Zip Code : 33565	
5. Relocatable Facility? <input type="checkbox"/> Yes <input type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

0570005-012-AC
PSD-F1-283

I. Part 1 - 1

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official :	
Name :	Herschel E. Morris
Title :	General Manager
2. Owner or Authorized Representative or Responsible Official Mailing Address :	
Organization/Firm :	CF Industries, Inc.
Street Address :	P. O. Drawer L.
City :	Plant City
State :	FL
Zip Code :	33564
3. Owner/Authorized Representative or Responsible Official Telephone Numbers :	
Telephone :	(813)782-1591
Fax :	(813)788-9126
4. Owner/Authorized Representative or Responsible Official Statement :	
<p><i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., 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 units.</i></p>	
 Signature	 Date

* Attach letter of authorization if not currently on file.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type
004	A Phosphoric Acid Unit	A1CE
009	B Phosphoric Acid Unit	A1CE

Purpose of Application and Category

Category I : All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain :

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.

- Initial air operation permit under Chapter 62-213, F.A.C., 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 :

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed :

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number :

Operation permit to be revised :

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application.

Operation permit to be revised/corrected :

-] Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit.

Operation permit to be revised :

Reason for revision :

Category II : All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain :

-] Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s) :

-] Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed :

-] Air operation permit revision for a synthetic non-Title V source.

Operation permit to be revised :

Reason for revision :

Category III : All Air Construction Permit Applications for All Facilities and Emissions Units

This Application for Air Permit is submitted to obtain :

-] Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

I. Part 4 - 2

DEP Form No. 62-210.900(1) - Form
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Current operation permit number(s), if any :
0570005-007-AV

- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s) :

- Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one :

Attached - Amount : \$7500.00 Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations :	
Requested modification of "Subsection C.1." of Title V Air Permit No. 0570005-007-AV	
<p>The purpose of this construction application is to request a 20% increase in the permitted wet rock processing rates for the A & B Phosphoric Acid Units. This permit modification would increase the processing rate at the A Phosphoric Acid Unit from (59 tons/hour and 1,416 tons/day) to (71.8 tons/hour and 1,699 tons/day) and increase the processing rate at the B Phosphoric Acid Unit from (87.8 tons/hour and 2,107 tons/day) to (105.4 tons/hour and 2,528 tons/day), measured as 100% P2O5 from phosphate rock. The requested increase in the processing rates at both phosphoric acid units will not require any construction or physical modification of either unit (i.e., process equipment or air abatement equipment), only the modification of "Subsection C.1." of the facility Title V Air Permit No. 0570005-007-AV. The four granulation units and one phosphoric acid clarification unit existing at the Plant City Phosphate Complex have enough permitted capacity to process the additional phosphoric acid production.</p> <p>The requested increase in the processing rates will not require an increase in the permitted (i.e., allowable) fluoride emissions. The calculated increase in fluoride emissions from both units at the requested rates does not exceed the PSD increment nor the current allowable emissions rates (see Attachment 6, "Evaluation of A & B Phosphoric Acid Scrubber Performance").</p> <p>The actual date of commencement of the project will be the date of the post modification compliance test at the increased processing rate for each unit.</p>	
2. Projected or Actual Date of Commencement of Construction :	31-Dec-1999
3. Projected Date of Completion of Construction :	31-Dec-1999

Professional Engineer Certification

1. Professional Engineer Name : Julio M. Enriquez Registration Number : FL0014814
2. Professional Engineer Mailing Address :

I. Part 5 - 1

Organization/Firm : Jacobs Engineering

Street Address : P. O. Box 2008

City : Lakeland

State : FL Zip Code : 33806-2008

3. Professional Engineer Telephone Numbers :

Telephone : (863)665-1511

Fax : (863)665-5323

I. Part 5 - 2

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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 pollutant 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 [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions 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.

Julio M. Buregas
Signature
(seal)

1-14-2000
Date

I. Part 6 - 1

* Attach any exception to certification statement.

I. Part 6 - 2

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Application Contact

1. Name and Title of Application Contact :
Name : J. Michael Messina Title : Chief, Environmental Services
2. Application Contact Mailing Address :
Organization/Firm : CF Industries, Inc. Street Address : P. O. Drawer L City : Plant City State : FL Zip Code : 33564
3. Application Contact Telephone Numbers :
Telephone : (813)782-1591 Fax : (813)788-9126

Application Comment

The processing rates for the "A & B Phosphoric Acid Units" are permitted under Title V Air Permit No. 0570005-007-AV (Subsection C.1.). CF Industries, Inc. is requesting a modification of this permit condition (i.e., 20% increase in the hourly and daily processing rate for both units). The requested modification will increase the processing rate at the A Phosphoric Acid Unit to (70.8 tons/hour and 1699 tons/day) and increase the processing rate at the B Phosphoric Acid Unit to (105.4 tons/hour and 2528 tons/day), measured as 100% P2O5 from phosphate rock.

The requested change in the processing rates will not require an increase in permitted fluoride emissions for either phosphoric acid unit. In addition, the existing four granulation units and one acid clarification unit are currently permitted to process the additional phosphoric acid production. Therefore, (Subsections D, E, and L) of the facility Title V Air Permit No. 0570005-007-AV will not have to be modified.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility, Location, and Type

1. Facility UTM Coordinates :					
Zone :	17	East (km) :	388.00	North (km) :	3116.00
2. Facility Latitude/Longitude :					
Latitude (DD/MM/SS) :		Longitude (DD/MM/SS) :			
3. Governmental Facility Code :	4. Facility Status Code :	5. Facility Major Group SIC Code :	6. Facility SIC(s) :		
0	A	28	2874		
7. Facility Comment :					
<p>The "A & B Phosphoric Acid Units are Wet - Process Phosphoric Acid Plants equipped with "BACT" (i.e., three stage packed bed cross flow scrubbers with "Kimre" packing or equivalent packing). In addition, the A Phosphoric Acid Unit is equipped with a cyclonic scrubber. Both units are permitted under the facility's Title V Air Permit No. 0570005-007-AV (Subsection C) and the A Phosphoric Acid Unit is subject to 40 CFR 60 NSPS Subpart T - Standards of Performance for wet - Process Phosphoric Acid</p>					

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Contact

1. Name and Title of Facility Contact :

J. Michael Messina
Chief, Environmental Services

2. Facility Contact Mailing Address :

Organization/Firm : CF Industries, Inc.

Street Address : P. O. Drawer L.

City : Plant City

State : FL Zip Code : 33564

3. Facility Contact Telephone Numbers :

Telephone : (813)782-1591

Fax : (813)788-9126

Facility Regulatory Classifications

1. Small Business Stationary Source?	N
2. Title V Source?	Y
3. Synthetic Non-Title V Source?	N
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	N
5. Synthetic Minor Source of Pollutants Other than HAPs?	N
6. Major Source of Hazardous Air Pollutants (HAPs)?	N
7. Synthetic Minor Source of HAPs?	N
8. One or More Emissions Units Subject to NSPS?	Y
9. One or More Emission Units Subject to NESHAP?	N
10. Title V Source by EPA Designation?	N
11. Facility Regulatory Classifications Comment :	
The B Phosphoric Acid Unit fluoride emission limit is below the current NSPS limit, and the A Phosphoric Acid Unit fluoride emission limit is equal to the applicable NSPS limit.	

B. FACILITY REGULATIONS

Rule Applicability Analysis

This application is for an "Air Construction Permit" for two similar emission sources (A Phosphoric Acid Unit and B Phosphoric Acid Unit) located at CF Industries, Inc. (Plant City Phosphate Complex). The facilities, in general are subject to Chapter 62-4, Florida Administrative Code (F.A.C.) Permits, Chapter 62-210, F.A.C. Stationary Sources - General Requirements, Chapter 62-212, F.A.C. Stationary Sources - Preconstruction Review, Chapter 62-213, F.A.C. Stationary Sources - Emissions Standards, Chapter 62-296.403, F.A.C. Phosphate Processing, and Chapter 62-297, F.A.C. Stationary Sources - Emissions Monitoring.

Local Hillsborough county Environmental Protection Commission, Chapter 1-1 through 1-12.

B. FACILITY REGULATIONS

List of Applicable Regulations

Chapter 62-4, Florida Administrative Code (F.A.C.) Permits

Chapter 62-210, F.A.C. Stationary Sources - General Requirements

Chapter 62-212, F.A.C. Stationary Sources - Preconstruction Review

Chapter 62-213, F.A.C. Stationary Sources - Emissions Standards

Chapter 62-296.403, F.A.C. Phosphate Processing

Chapter 62-297, F.A.C. Stationary Sources - Emissions Monitoring

Local Hillsborough county Environmental Protection Commission, Chapter 1-1 through 1-12.

II. Part 3b - 1

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C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
FL	B

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Information

Pollutant 1

1. Pollutant Emitted :	FL	
2. Requested Emissions Cap :	(lbs/hour)	(tons/year)
3. Basis for Emissions Cap Code :		
4. Facility Pollutant Comment :	N/A; pollutant reported in Section H. "Emissions Unit Pollutant Detailed Information" and the estimated increase in fluoride emissions from the complex as a result of the modification are expected to be less than the current allowable limit and less than the PSD significant increase threshold.	

II. Part 4b - 1

D. FACILITY SUPPLEMENTAL INFORMATION

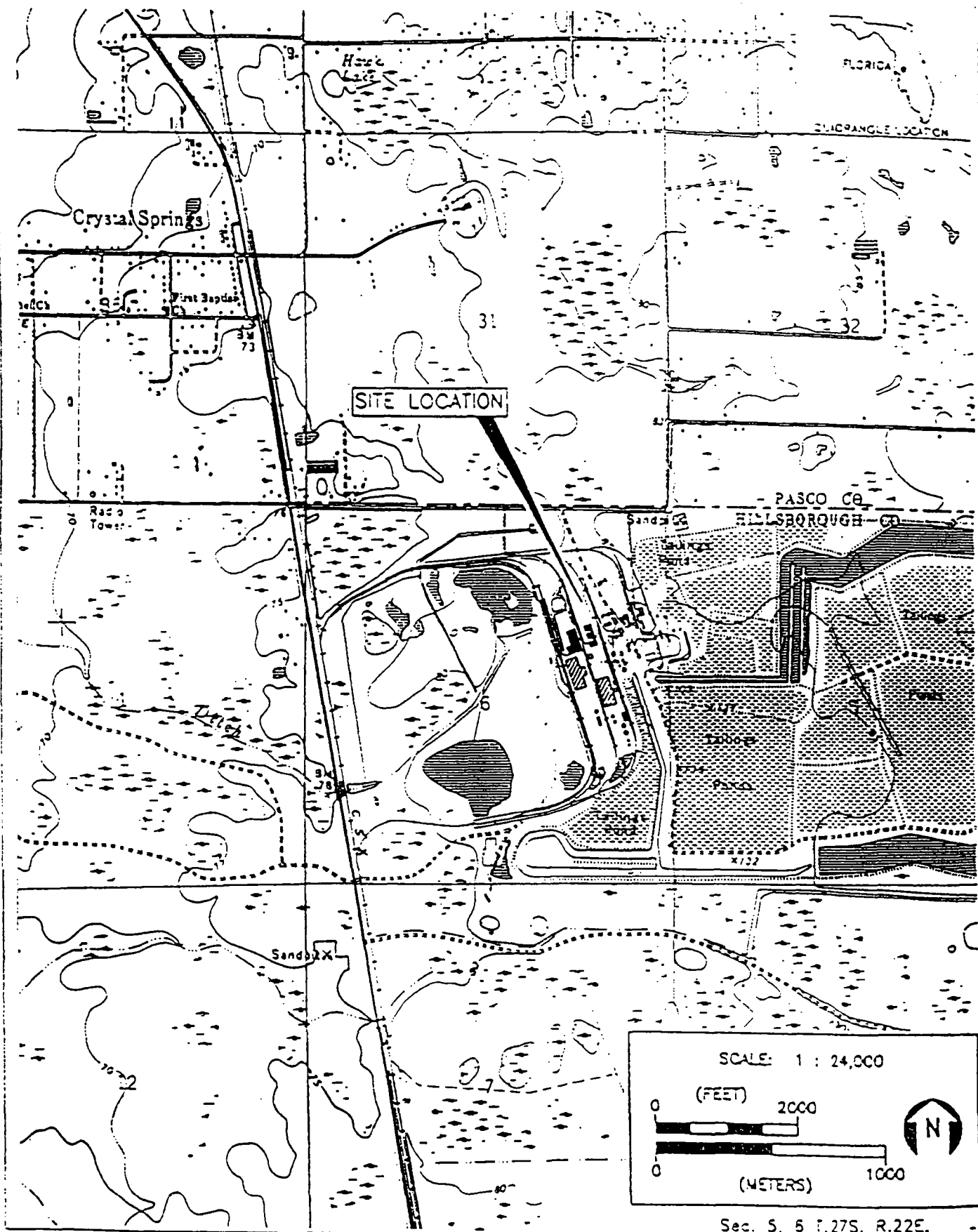
Supplemental Requirements for All Applications

1. Area Map Showing Facility Location :	Figure 1
2. Facility Plot Plan :	Figure 2
3. Process Flow Diagram(s) :	Figure 3 & 4
4. Precautions to Prevent Emissions of Unconfined Particulate Matter :	NA
5. Fugitive Emissions Identification :	NA
6. Supplemental Information for Construction Permit Applica	NA

Additional Supplemental Requirements for Category I Applications Only

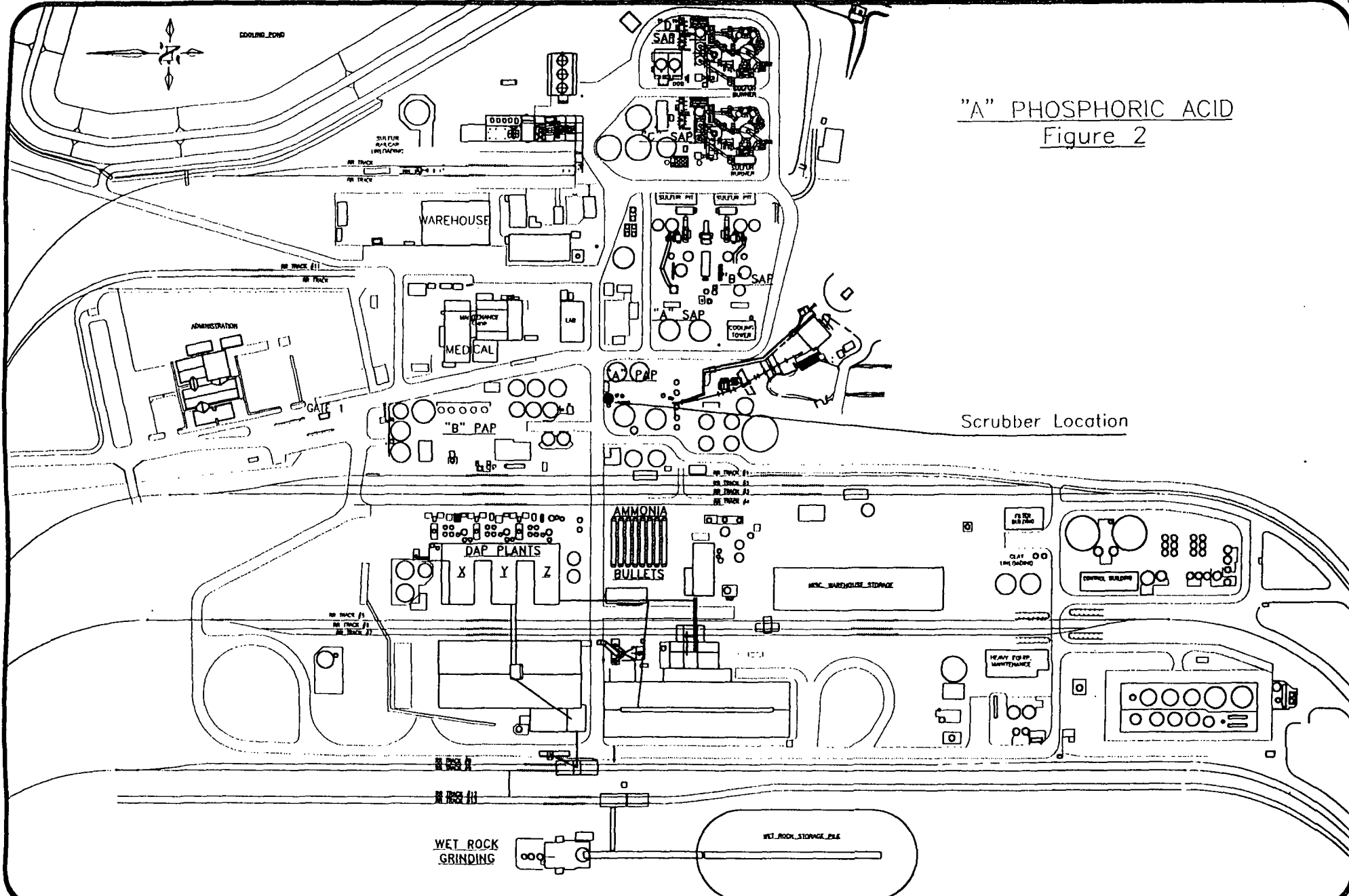
7. List of Proposed Exempt
8. List of Equipment/Activities Regulated under Title
9. Alternative Methods of Operation :
10. Alternative Modes of Operation (Emissions
11. Identification of Additional Applicable
12. Compliance Assurance Monitoring
13. Risk Management Plan Verification :
14. Compliance Report and Plan :
15. Compliance Certification (Hard-copy Requir

II. Part 5 - 1



Sec. 5, 5 T.27S. R.22E.

Figure 1
A - Phosphoric Acid



"A" PHOSPHORIC ACID
Figure 2

REV. BY	REV. DATE	REV. NO.	REVISION DESCRIPTION

FILE NAME	APAP
PLOT SCALE	1
PLOT DATE	4/2/91

DWG. BY	CFI
DWG. DATE	7/29/96
DWG. SCALE	N.T.S.



CF Industries, Inc.
PLANT CITY PHOSPHATE COMPLEX

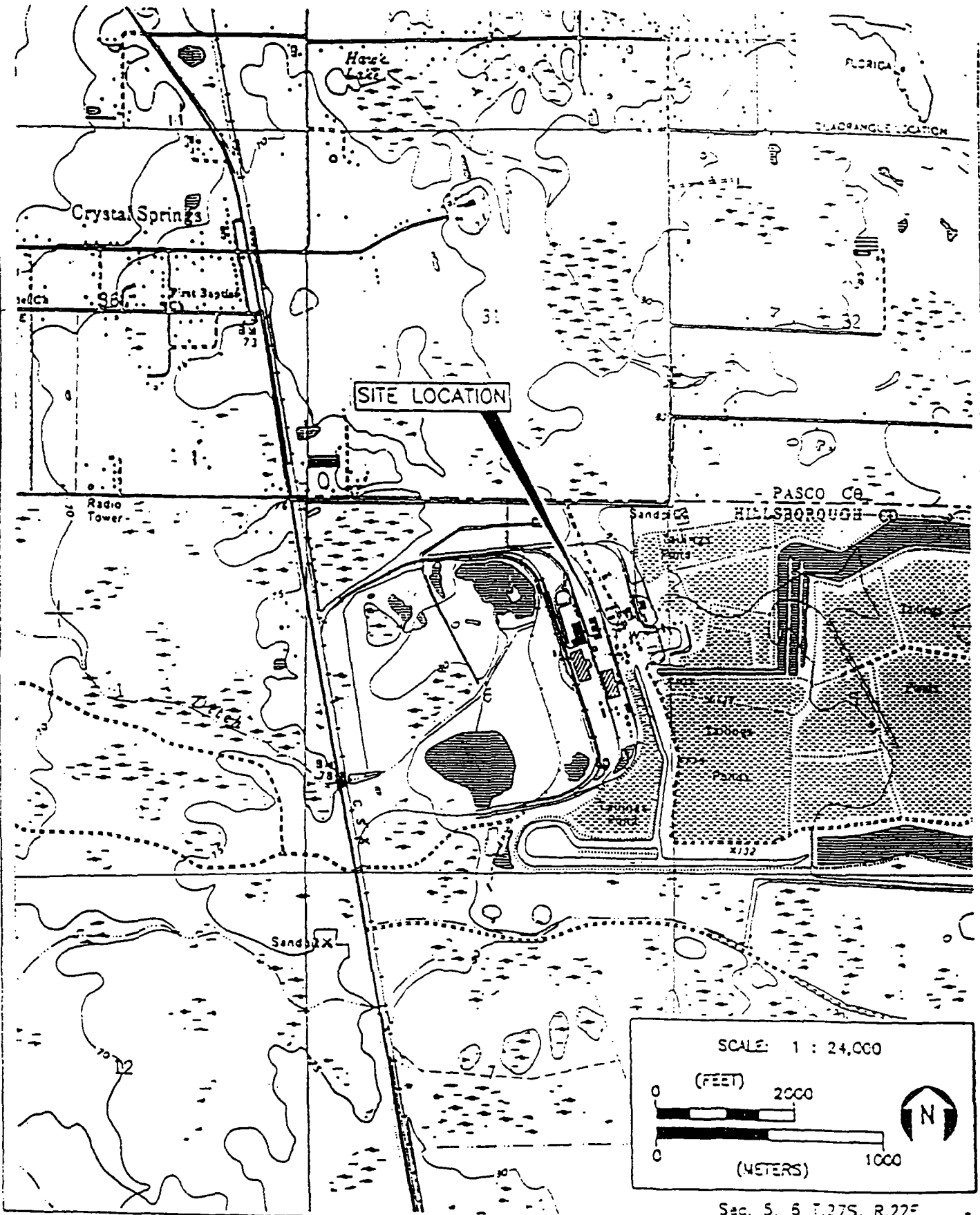
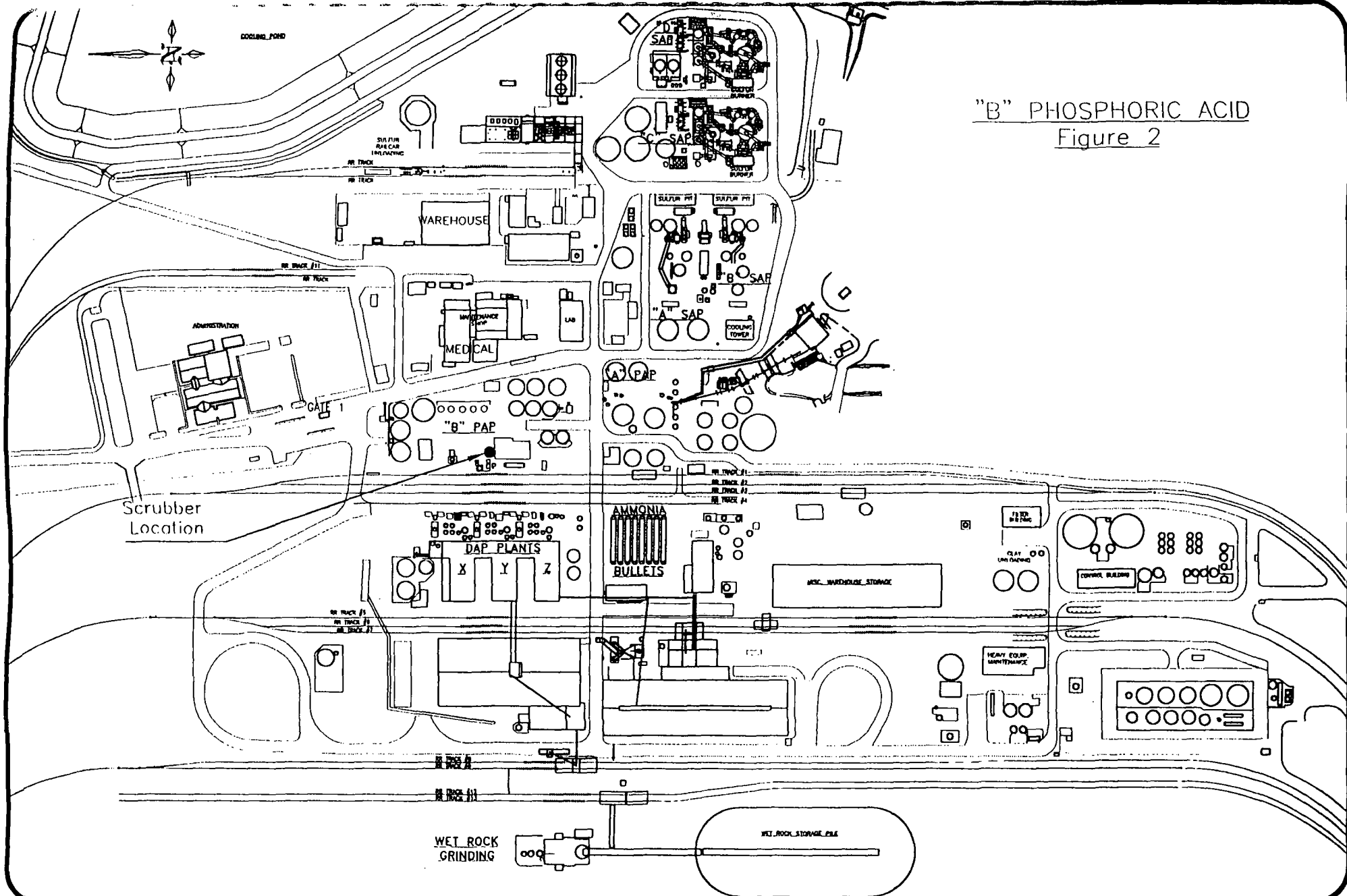


Figure 1
B - Phosphoric Acid

"B" PHOSPHORIC ACID
Figure 2



REV. BY	REV. DATE	REV. NO.	REVISION DESCRIPTION

FILE NAME	BPAP
PLOT SCALE	1
PLOT DATE	4/2/91

DWG. BY	CFI
DWG. DATE	7/29/96
DWG. SCALE	N.T.S.

CF Industries, Inc.
PLANT CITY PHOSPHATE COMPLEX

II. Part 5 - 2

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III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 1

A Phosphoric Acid Unit

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- [X] 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).
- [] 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.
- [] 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.

III. Part 1 - 1

DEP Form No. 62-210.900(1) - Form

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Emissions Unit Information Section 1

A Phosphoric Acid Unit

Emissions Unit Control Equipment 2

1. Description :	
Cyclonic scrubber	
2. Control Device or Method Code :	85

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Information Section 1
A Phosphoric Acid Unit

Emissions Unit Details

1. Initial Startup Date :	01-Dec-1965	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer :		Model Number :
4. Generator Nameplate Rating :	MW	
5. Incinerator Information :		
Dwell Temperature :		Degrees Fahrenheit
Dwell Time :		Seconds
Incinerator Afterburner Temperature :		Degrees Fahrenheit

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	mmBtu/hr	
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate :		
4. Maximum Production Rate :		
5. Operating Capacity Comment :		
	The current maximum permitted wet rock processing rate for this unit is 59 tons/hour and 1,416 tons/day, measured as 100% P2O5 from phosphate rock.	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :		
	24 hours/day	7 days/week
	52 weeks/year	8,760 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 1
A Phosphoric Acid Unit

Rule Applicability Analysis

This application is for an "Air Construction Permit" for two similar emission sources (A Phosphoric Acid Unit and B Phosphoric Acid Unit) located at CF Industries, Inc. (Plant City Phosphate Complex). The facilities, in general are subject to Chapter 62-4, Florida Administrative Code (F.A.C.) Permits, Chapter 62-210, F.A.C. Stationary Sources - General Requirements, Chapter 62-212, F.A.C. Stationary Sources - Preconstruction Review, Chapter 62-213, F.A.C. Stationary Sources - Emissions Standards, Chapter 62-296.403, F.A.C. Phosphate Processing, and Chapter 62-297, F.A.C. Stationary Sources - Emissions Monitoring.

Local Hillsborough county Environmental Protection Commission, Chapter 1-1 through 1-12.

III. Part 6a - 1

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Emissions Unit Information Section
A Phosphoric Acid Unit

1

List of Applicable Regulations

Chapter 62-4, Florida Administrative Code (F.A.C.) Permits

Chapter 62-210, F.A.C. Stationary Sources - General Requirements

Chapter 62-212, F.A.C. Stationary Sources - Preconstruction Review

Chapter 62-213, F.A.C. Stationary Sources - Emissions Standards

Chapter 62-296.403, F.A.C. Phosphate Processing

Chapter 62-297, F.A.C. Stationary Sources - Emissions Monitoring

Local Hillsborough county Environmental Protection Commission, Chapter 1-1 through 1-12.

III. Part 6b - 1

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E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 1

A Phosphoric Acid Unit

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	A Phosphoric Acid		
2. Emission Point Type Code :	1		
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point)			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Emissions Unit 004; Scrubber stack located on the north side of the A Phosphoric Acid Unit.		
5. Discharge Type Code :	V		
6. Stack Height :	85	feet	
7. Exit Diameter :	5.0	feet	
8. Exit Temperature :	123	°F	
9. Actual Volumetric Flow Rate :	55000	acfm	
10. Percent Water Vapor :	8.75	%	
11. Maximum Dry Standard Flow Rate :	49000	dscfm	
12. Nonstack Emission Point Height :	0	feet	
13. Emission Point UTM Coordinates :			
Zone :	17	East (km) :	388.000
		North (km) :	3166.000

III. Part 7a - 1

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14. Emission Point Comment :

The data provided in boxes 8, 9, 10, and 11 was obtained from the 1999 compliance test that was conducted while operating the unit 10% above the current permitted processing rate (see Attachment 1).

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 1

A Phosphoric Acid Unit

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) :

Fuel Type N/A; No fossil fuels are consumed during the operation of the A Phosphoric Acid Unit.
This is a wet process phosphoric acid production unit.

2. Source Classification Code (SCC) : 30101601

3. SCC Units : Tons Processed

4. Maximum Hourly Rate : 59.00 5. Maximum Annual Rate : 516,840.00

6. Estimated Annual Activity Factor :

7. Maximum Percent Sulfur : 8. Maximum Percent Ash :

9. Million Btu per SCC Unit :

10. Segment Comment :

None

III. Part 8 - 1

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 1

A Phosphoric Acid Unit

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - FL	001	085	EL

III. Part 9a - 1

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

A Phosphoric Acid Unit

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : FL			
2. Total Percent Efficiency of Control :		%	
3. Potential Emissions :			
1.18	lb/hour	5.20	tons/year
4. Synthetically Limited?			
[] Yes		[X] No	
5. Range of Estimated Fugitive/Other Emissions:			
		to	tons/year
6. Emissions Factor		0.02	Units lbs F/ton P2O5
Reference : 0570005-007-AV			
7. Emissions Method Code : 0			
8. Calculations of Emissions :			
See Attachment 2, "Evaluation of A & B Phosphoric Acid Scrubber Performance" for calculated fluoride from the unit at the requested 20% processing rate increase.			
9. Pollutant Potential/Estimated Emissions Comment :			
Fluoride emissions present in Section H.3. are consistent with the current permitted limits in Title V Air Permit No. 0570005-007-AV (Subsection C.1.)			

III. Part 9b - 1

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H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 1

A Phosphoric Acid Unit

III. Part 9b - 2

DEP Form No. 62-210.900(1) - Form

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Emissions Unit Information Section 1
A Phosphoric Acid Unit

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER		
2. Future Effective Date of Allowable Emissions :	01-Feb-2020		
3. Requested Allowable Emissions and Units :	0.0167	lbs F/ton P2O5	
4. Equivalent Allowable Emissions :	1.18	lb/hour	5.20 tons/year
5. Method of Compliance :	Annual Compliance testing EPA Method 1-5, 13A or 13B.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	The requested allowable emissions listed above will allow this unit to operate a 100% of the requested processing rate without exceeding the current permitted (i.e., allowable) fluoride limit.		

III. Part 9c - 1

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1
A Phosphoric Acid Unit

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	20
2. Basis for Allowable Opacity :	RULE
3. Requested Allowable Opacity :	Normal Conditions : 20 % Exceptional Conditions : 0 % Maximum Period of Excess Opacity Allowed : min/hour
4. Method of Compliance :	Ref. EPA Method 9.
5. Visible Emissions Comment :	62-297.310(4)(a)2. F.A.C. listed the general visible emissions standards (not to equal or be greater than 20%).

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 1

A Phosphoric Acid Unit

Continuous Monitoring System Continuous Monitor 1

1. Parameter Code :	2. Pollutant(s):
3. CMS Requirement	
4. Monitor Information Manufacturer : Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : N/A; this facility is not equipped with a continuous monitoring system.	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

Emissions Unit Information Section 1

A Phosphoric Acid Unit

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

2. Increment Consuming for Nitrogen Dioxide?

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code :

PM : SO2 : NO2 :

4. Baseline Emissions :

PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year

5. PSD Comment :

N/A

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 1

A Phosphoric Acid Unit

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Figure 3
2. Fuel Analysis or Specification :	NA
3. Detailed Description of Control Equipment :	Figure 5
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	Attachment 1
6. Procedures for Startup and Shutdown :	NA
7. Operation and Maintenance Plan :	NA
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :
11. Alternative Modes of Operation (Emissions Trading) :

III. Part 13 - 1

12. Identification of Additional Applicable Requirements :

13. Compliance Assurance Monitoring
Plan :

14. Acid Rain Application (Hard-copy Required) :

Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))

Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)

New Unit Exemption (Form No. 62-210.900(1)(a)2.)

Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)

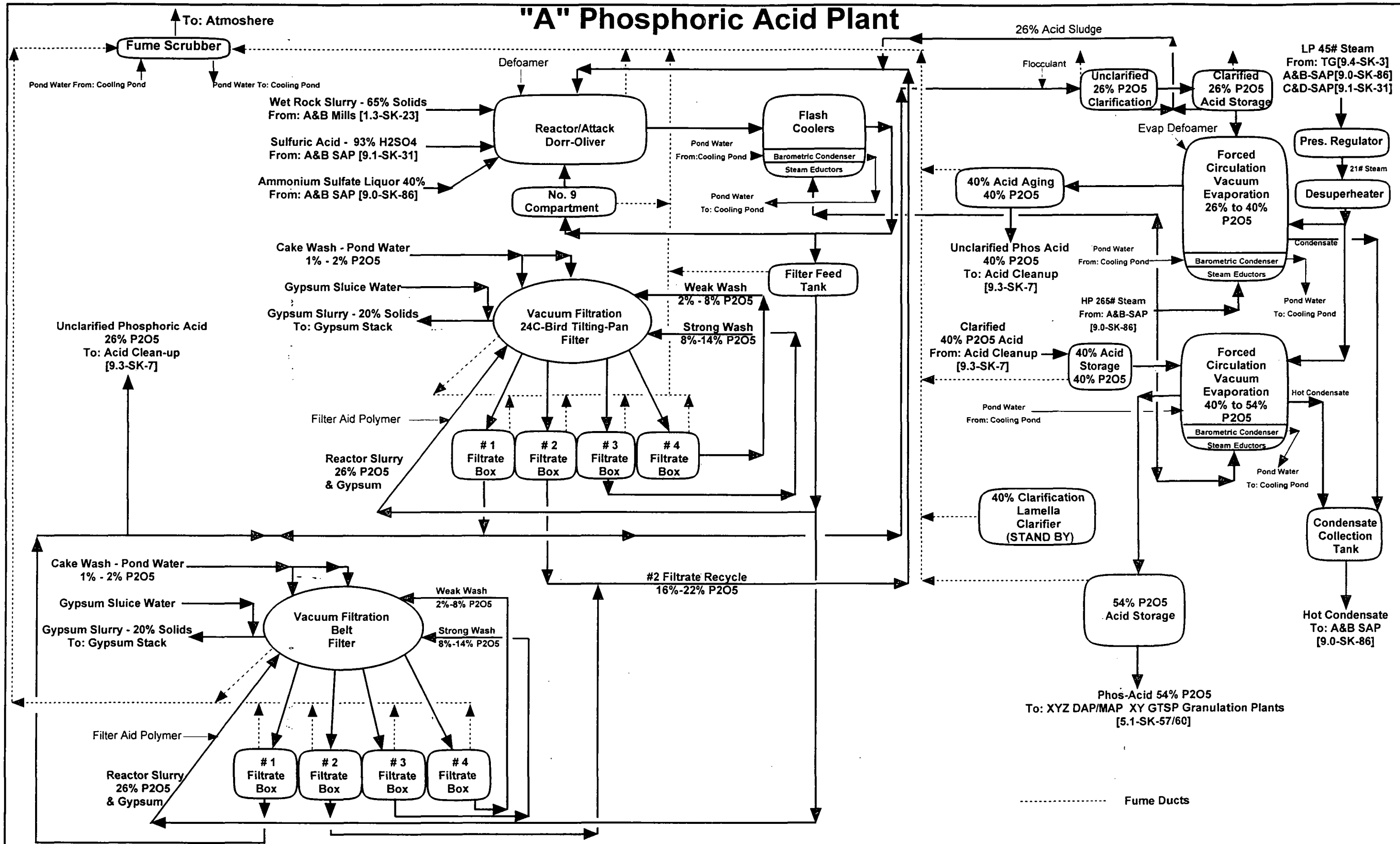
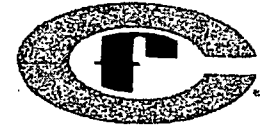


Figure 3

By	Date
Randy Charlot	03/03/97
James Byrd	03/24/97



Plant City Phosphate Complex
 P.O. Drawer L
 Plant City, Florida 33564
 Phone: (813) 782-1591
 Fax: (813) 788-9126

Title	DWR. NO
"A" Phosphoric Acid Plant Block Flow Diagram	2.0-SK-97A

"A" Phosphoric Acid Plant Fume Scrubber

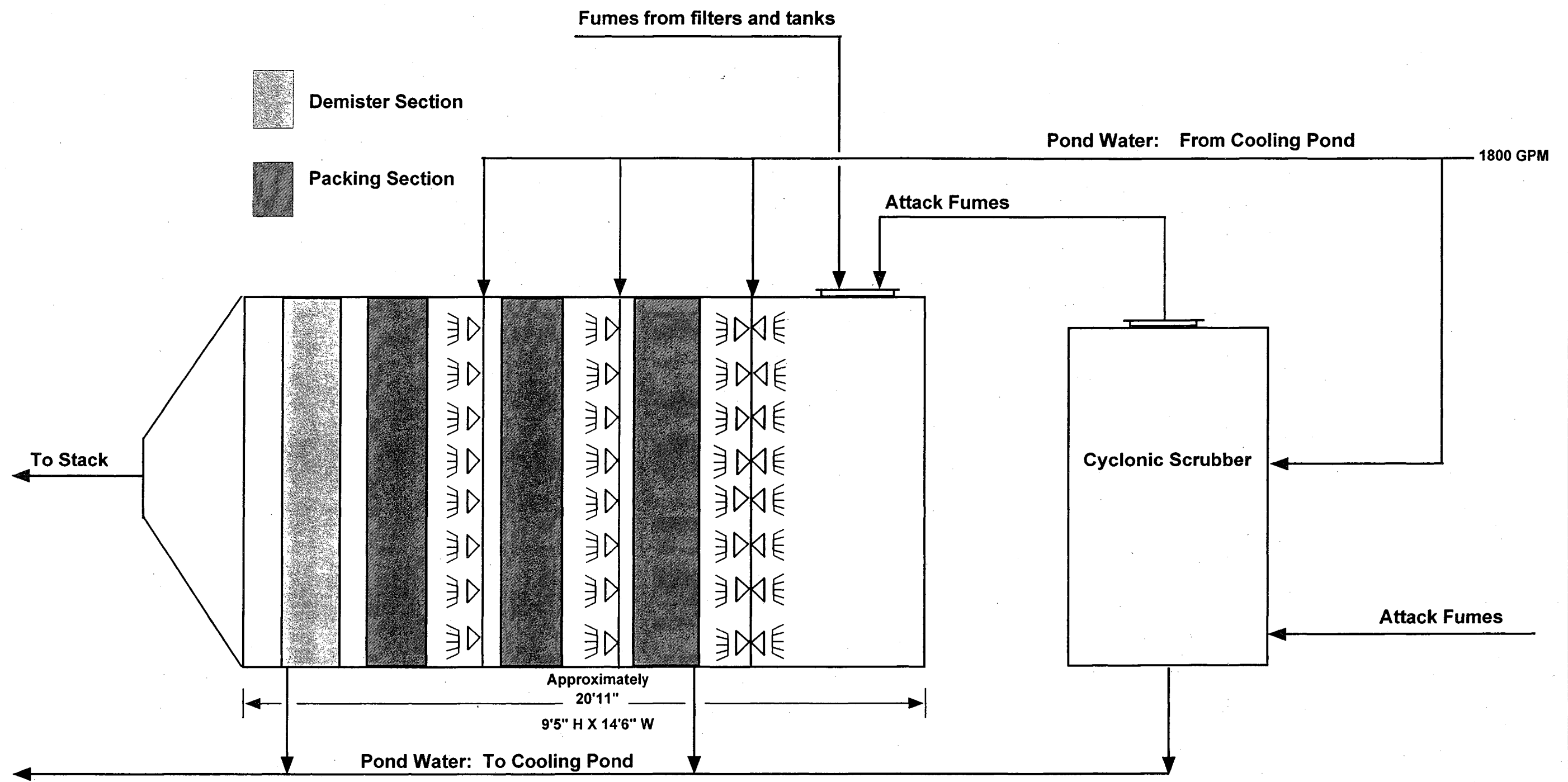
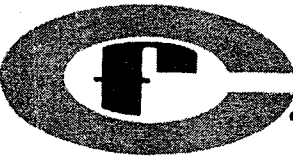


Figure 5	By	Date	 inc. Plant City Phosphate Complex P.O. Drawer L Plant City, Florida 33564 Phone: (813) 782-1591 Fax: (813) 788-9126	Title	DWR. NO
				"A" Phosphoric Acid Plant Fume Scrubber	B-20-FW-020
					APAPSCR.B.WK4

III. EMISSIONS UNIT INFORMATION

A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one :

- [X] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- [] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one :

- [X] 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).
- [] 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.
- [] 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.

III. Part 1 - 1

DEP Form No. 62-210.900(1) - Form

Effective : 3-21-96

**B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section : B Phosphoric Acid Unit		
2. Emissions Unit Identification Number : 009 [] No Corresponding ID [] Unknown		
3. Emissions Unit Status Code : A	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code : 28
6. Emissions Unit Comment : The "B Phosphoric Acid Unit" is currently permitted under Title V Air Permit No. 0570005-007-AV (Subsection C.). CF Industries, Inc. is requesting a modification of the permit (i.e., 20% increase in the hourly and daily processing rate from 87.8 tons/hour and 2,107 tons/day to 105.4 tons/day and 2,528 tons/day) measured as 100% P2O5 from phosphate rock. The modification will not require any construction and will not increase fluoride emissions unit above the current permitted limit.		

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Emissions Unit Control Equipment 1

1. Description : North American Steel crossflow packed bed scrubber, with Kimre packing or equivalent packing.

2. Control Device or Method Code : 1

**C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Information Section 2
B Phosphoric Acid Unit

Emissions Unit Details

1. Initial Startup Date :	01-Aug-1975	
2. Long-term Reserve Shutdown Date :		
3. Package Unit :		
Manufacturer :	Model Number :	
4. Generator Nameplate Rating :	MW	
5. Incinerator Information :		
Dwell Temperature :	Degrees Fahrenheit	
Dwell Time :	Seconds	
Incinerator Afterburner Temperature :	Degrees Fahrenheit	

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate :	mmBtu/hr	
2. Maximum Incinerator Rate :	lb/hr	tons/day
3. Maximum Process or Throughput Rate :	2107	tons P2O5/day
4. Maximum Production Rate :		
5. Operating Capacity Comment :	The maximum permitted wet rock processing rate for this plant is 87.8 tons/hour or 2,107 tons/day, measured as 100% P2O5 from phosphate rock.	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule :		
	24 hours/day	7 days/week
	52 weeks/year	8,760 hours/year

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Rule Applicability Analysis

This application is for an "Air Construction Permit" for two similar emission sources (A Phosphoric Acid Unit and B Phosphoric Acid Unit) located at CF Industries, Inc. (Plant City Phosphate Complex). The facilities, in general are subject to Chapter 62-4, Florida Administrative Code (F.A.C.) Permits, Chapter 62-210, F.A.C. Stationary Source - General Requirements, Chapter 62-212, F.A.C. Stationary Sources - Preconstruction Review, Chapter 62-213, F.A.C. Stationary Sources - Emissions Standards, Chapter 62-296.403, F.A.C. Phosphate Processing, and Chapter 62-297, F.A.C. Stationary Source - Emissions Monitoring.

Local Hillsborough county Environmental Protection Commission, Chapter 1-1 through 1-12.

III. Part 6a - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

List of Applicable Regulations

Chapter 62-4, Florida Administrative Code (F.A.C.) Permits

Chapter 62-210, F.A.C. Stationary Source - General Requirements

Chapter 62-212, F.A.C. Stationary Sources - Preconstruction Review

Chapter 62-213, F.A.C. Stationary Sources - Emissions Standards

Chapter 62-296.403, F.A.C. Phosphate Processing

Chapter 62-297, F.A.C. Stationary Source - Emissions Monitoring

Local Hillsborough county Environmental Protection Commission, Chapter 1-1 through 1-12.

E. EMISSION POINT (STACK/VENT) INFORMATION

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Emission Point Description and Type :

1. Identification of Point on Plot Plan or Flow Diagram :	B Phosphoric Acid	
2. Emission Point Type Code :	1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking : (limit to 100 characters per point)		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common :	Emission Unit 009; Scrubber stack located at the northwest corner of the B Phosphoric Acid Unit reactor.	
5. Discharge Type Code :	V	
6. Stack Height :	119	feet
7. Exit Diameter :	4.0	feet
8. Exit Temperature :	120	°F
9. Actual Volumetric Flow Rate :	32000	acfm
10. Percent Water Vapor :	8.00	%
11. Maximum Dry Standard Flow Rate :	27000	dscfm
12. Nonstack Emission Point Height :	0	feet
13. Emission Point UTM Coordinates :		

III. Part 7a - 1

DEP Form No. 62-210.900(1) - Form

Effective : 3-21-96

Zone : 17

East (km) : 388.000

North (km) : 3116.000

14. Emission Point Comment :

The data provided in boxes 8, 9, 10, 11 was obtained from the 1999 compliance test that was conducted while operating the unit 10% above the current permitted processing rate (see Attachment 1).

III. Part 7a - 2

DEP Form No. 62-210.900(1) - Form

Effective : 3-21-96

F. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) :

Fuel Type N/A; No fossil fuels are consumed during the operation of the B Phosphoric Acid Unit.
This is a wet process phosphoric acid unit.

2. Source Classification Code (SCC) : 30101601

3. SCC Units : Tons Processed

4. Maximum Hourly Rate : 87.80 5. Maximum Annual Rate : 769,128.00

6. Estimated Annual Activity Factor :

7. Maximum Percent Sulfur : 8. Maximum Percent Ash :

9. Million Btu per SCC Unit :

10. Segment Comment :

None

III. Part 8 - 1

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

Emissions Unit Information Section 2

B Phosphoric Acid Unit

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
1 - FL	001		EL

III. Part 9a - 1

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Pollutant Potential/Estimated Emissions : Pollutant 1

1. Pollutant Emitted : FL			
2. Total Percent Efficiency of Control :		99.90	%
3. Potential Emissions :		1.04 lb/hour	4.60 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Range of Estimated Fugitive/Other Emissions:		to	tons/year
6. Emissions Factor		0.012	Units lbs F/ton P2O5
Reference : 0570005-007-AV			
7. Emissions Method Code : 0			
8. Calculations of Emissions : See Attachment 2, "Evaluation of A & B Phosphoric Acid Scrubber Performance" for calculated fluoride emissions from the unit at the requested 20% increase in the processing rate.			
9. Pollutant Potential/Estimated Emissions Comment : Fluoride emissions presented in Section H.3. are consistent with the current permitted limits in the Title V Air Permit No. 0570005-007-AV (Subsection C.1.).			

III. Part 9b - 1

DEP Form No. 62-210.900(1) - Form

Effective : 3-21-96

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Emissions Unit Information Section 2

B Phosphoric Acid Unit

III. Part 9b - 2

DEP Form No. 62-210.900(1) - Form

Effective : 3-21-96

Emissions Unit Information Section 2
B Phosphoric Acid Unit

Pollutant Information Section 1

Allowable Emissions 1

1. Basis for Allowable Emissions Code :	OTHER		
2. Future Effective Date of Allowable Emissions :	31-Dec-1999		
3. Requested Allowable Emissions and Units :	0.00997	lbs F/ton P2O5	
4. Equivalent Allowable Emissions :	1.04	lb/hour	4.60 tons/year
5. Method of Compliance :	Annual compliance test; EPA Method 1-5, 13A or 13B.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) :	The requested allowable emissions listed above will allow this unit to operate at 100% of the requested process rate without exceeding the current allowable (permitted) fluoride limit.		

III. Part 9c - 1

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Visible Emissions Limitation : Visible Emissions Limitation 1

1. Visible Emissions Subtype :	20
2. Basis for Allowable Opacity :	RULE
3. Requested Allowable Opacity :	
	Normal Conditions : 20 %
	Exceptional Conditions : %
	Maximum Period of Excess Opacity Allowed : min/hour
4. Method of Compliance :	
	EPA Method 9.
5. Visible Emissions Comment :	
	62-297.310(4)(a)2, F.A.C. listed the general visible emissions standards (not to equal or be greater than 20%).

III. Part 10 - 1

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Continuous Monitoring System Continuous Monitor 1

1. Parameter Code :	2. Pollutant(s):
3. CMS Requirement	
4. Monitor Information Manufacturer : Model Number : Serial Number :	
5. Installation Date :	
6. Performance Specification Test Date :	
7. Continuous Monitor Comment : N/A: the unit is not equipped with a continuous emissions monitoring system.	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION**

Emissions Unit Information Section 2

B Phosphoric Acid Unit

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

- [] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
- [] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.
- [] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- [] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- [X] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

III. Part 12 - 1

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96

2. Increment Consuming for Nitrogen Dioxide?

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code :

PM : SO2 : NO2 :

4. Baseline Emissions :

PM :	lb/hour	tons/year
SO2 :	lb/hour	tons/year
NO2 :		tons/year

5. PSD Comment :

N/A

L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Emissions Unit Information Section 2

B Phosphoric Acid Unit

Supplemental Requirements for All Applications

1. Process Flow Diagram :	Figure 4
2. Fuel Analysis or Specification :	NA
3. Detailed Description of Control Equipment :	Figure 6
4. Description of Stack Sampling Facilities :	NA
5. Compliance Test Report :	Attachment 1
6. Procedures for Startup and Shutdown :	NA
7. Operation and Maintenance Plan :	NA
8. Supplemental Information for Construction Permit Application :	NA
9. Other Information Required by Rule or Statue :	NA

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operations :
11. Alternative Modes of Operation (Emissions Trading) :

III. Part 13 - 1

12. Identification of Additional Applicable Requirements :

13. Compliance Assurance Monitoring
Plan :

14. Acid Rain Application (Hard-copy Required) :

Acid Rain Part - Phase II (Form No. 62-210.900(1)(a))

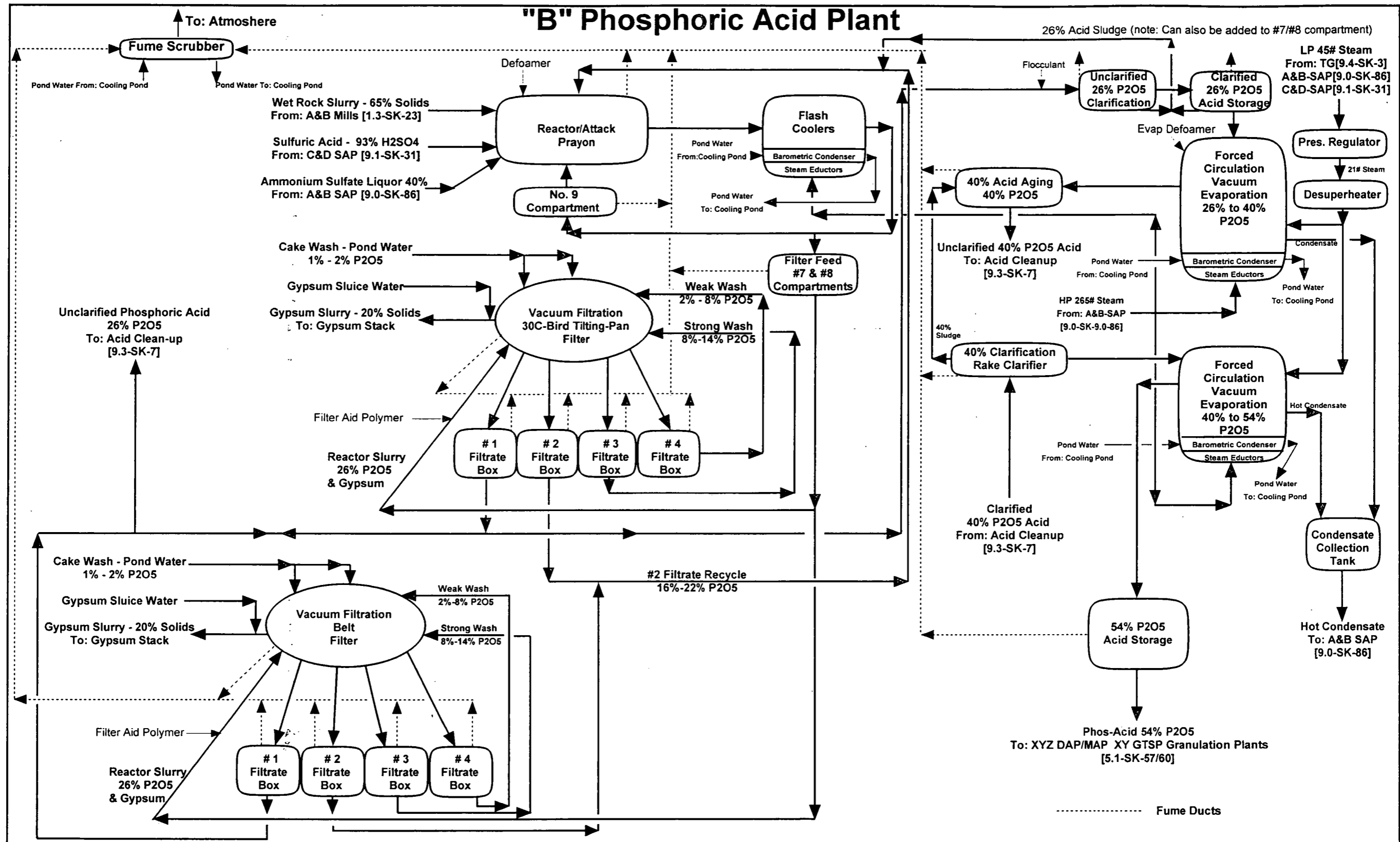
Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)

New Unit Exemption (Form No. 62-210.900(1)(a)2.)

Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)

III. Part 13 - 2

DEP Form No. 62-210.900(1) - Form
Effective : 3-21-96



<p>Figure 4</p>	By	Date		Inc.	Title	DWR. NO
	Randy Chralot James Byrd	03/03/97 03/19/97		Plant City Phosphate Complex P.O. Drawer L Plant City, Florida 33564 Phone: (813) 782-1591 Fax: (813) 788-9126	"B" Phosphoric Acid Plant Block Flow Diagram	2.1-SK-119A

21SK119A.WKA

"B" Phosphoric Acid Plant Fume Scrubber

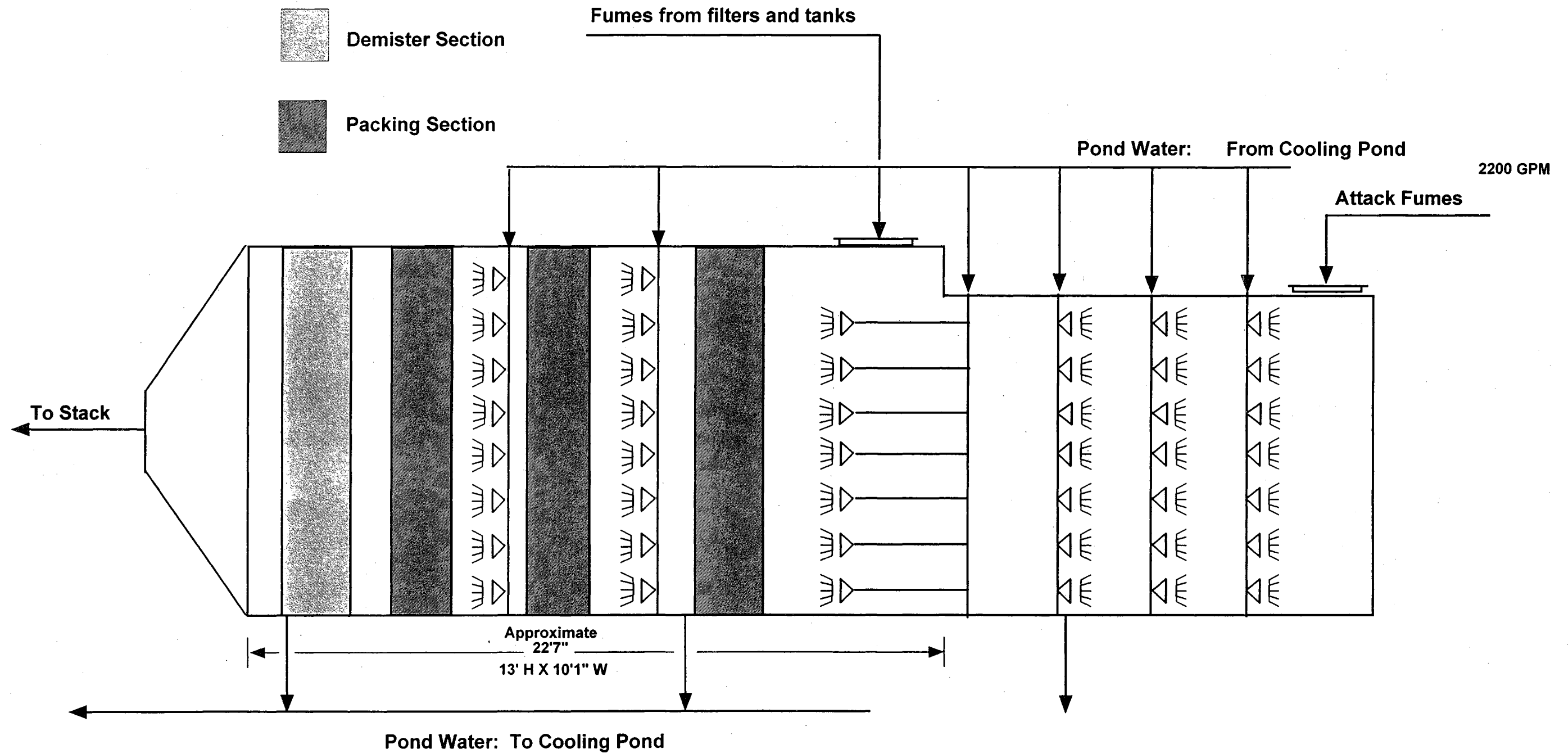
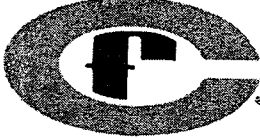


Figure 6	By	Date		Inc. Plant City Phosphate Complex P.O. Drawer L Plant City, Florida 33564 Phone: (813) 782-1591 Fax: (813) 788-9126	Title	DWR. NO
	James Byrd	03/24/97			"B" Phosphoric Acid Plant Fume Scrubber	2.1-F-005
						BPAPSCR.B.WK4



CF INDUSTRIES, INC.

Plant City Phosphate Complex

Plant City, FL 33564-9007

0000002865

70-1558/719

Date 12/28/99

Pay Amount \$2,500.00***

Pay *****TWO THOUSAND FIVE HUNDRED AND XX / 100 US DOLLAR*****

To The Order Of

FLORIDA DEPT OF ENVIRONMENTAL PROTECTION
2600 Blair Stone Road
Attn: Yi Zhu Darm
Tallahassee, FL 32399-2409

A. Holmes

Authorized Signature

Authorized Signature

HARRIS BANK
Roselle, Illinois



Check Date: 12/28/99

Check No. 0000002865

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
121799	12/17/99	120414	2,500.00	0.00	2,500.00

RECEIVED

JAN 21 2000

BUREAU OF AIR REGULATION

Vendor Number	Vendor Name		Total Discounts		
106456	Florida Dept Of Environmental Protection		\$0.00		
Check Number	Date		Total Amount	Discounts Taken	Total Paid Amount
0000002865	12/28/99		\$2,500.00	\$0.00	\$2,500.00

0048-1



CP INDUSTRIES, INC.
 Plant City Phosphate Complex
 Plant City, FL 33564-9007

70-1558/719

Date 12/30/99

Pay Amount \$5,000.00***

Pay *****FIVE THOUSAND AND XX / 100 US DOLLAR*****

A. Holmet

Authorized Signature

To The
 Order Of

 FLORIDA DEPT OF ENVIRONMENTAL PROTECTION
 2600 Blair Stone Road
 Attn: Yi Zhu Darm
 Tallahassee, FL 32399-2409

Authorized Signature

HARRIS BANK
 Roselle, Illinois



Check Date: 12/30/99

Check No. 000003071

Invoice Number	Invoice Date	Voucher ID	Gross Amount	Discount Available	Paid Amount
121799a	12/17/99	120504	5,000.00	0.00	5,000.00

RECEIVE

JAN 21 2000

BUREAU OF AIR REGULAT

Vendor Number	Vendor Name		Total Discounts		
106456	Florida Dept Of Environmental Protection		\$0.00		
Check Number	Date	Total Amount	Discounts Taken	Total Paid Amount	
000003071	12/30/99	\$5,000.00	\$0.00	\$5,000.00	

0.30.17

IMATION

CF Industries, Inc.
Plant City Phosphate Complex
A/B Phosphoric Acid Units
Construction Permit Application
January 19, 2000