

Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

April 5, 1989

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

Dear Mr. Gregg:

Re: Amendment of Construction Permits

The Department is in receipt of John B. Koogler's March 28, 1989, letter requesting the permits to construct part of your cement plant, lime plant, and coal storage facility be extended to allow additional time for the compliance testing to be completed, the Certificate of Completion of Construction to be completed and forwarded to the Department's Southwest District office, and the permits to operate to be processed. This request is acceptable and the expiration dates of the following construction permits are extended from March 31, 1989, to September 30, 1989.

Permit No.	Description
<u>Cement Plant</u>	
AC 27-118674	cement kiln, clinker cooler, dryer, and raw mill
AC 27-118680	clinker handling
<u>Lime Plant</u>	
AC 27-091426	limestone screening
AC 27-091427	limestone fines storage bins
AC 27-091429	lime dust storage bin
AC 27-091430	limestone storage silo B
AC 27-091432	lime shipping baghouse
AC 27-091433	lime storage bins
<u>Coal Storage</u>	
AC 27-117650	coal handling

Mr. Browne Gregg
Page Two
April 5, 1989

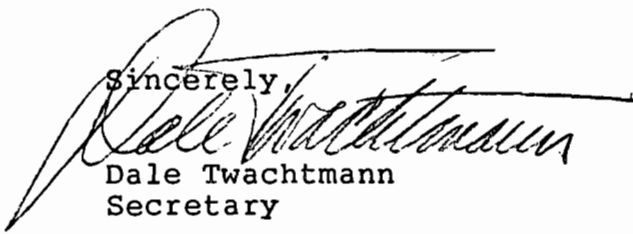
The lime plant and coal storage facility were transferred to Central power and Lime Incorporated.

Attachment to be Incorporated:

13. Letter of John B. Koogler dated March 28, 1989.

A copy of this letter must be filed with the listed permits and shall become a part of those permits.

Sincerely,



Dale Twachtmann
Secretary

DT/ks

cc: J. B. Koogler, P.E.
W. C. Thomas, SW District
F. Crabill, FCS



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 • FAX 377-7158

KA 307-86-04

March 28, 1989

RECEIVED

MAR 29 1989

DER-BAQM

Mr. Clair H. Fancy
Division of Air Resources Management
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL. 32399-2400

Subject: Hernando County AP
Florida Crushed Stone Company
Cement/Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company was issued 24 air construction permits for the construction of a cement/power/lime (CPL) plant in Hernando County near Brooksville, Florida. The expiration date of all construction permits was extended through March 31, 1989. Certificates of Completion of Construction (applications for operating permits) were recently submitted to the Department's Southwest District Office for 15 of the permitted sources in the cement plant. By this letter, I would like to request that the two remaining air construction permits for sources in the cement plant, the six air construction permits for sources in the lime plant and the one air construction permit for the coal handling facility be extended through September 30, 1989.

Certificates of Completion of Construction (applications for operating permits) were submitted to the Department's Southwest District Office in Tampa during March 1989 for the following sources in the cement plant:

Permit Number

Source

AC27-118672	Flyash Bins
AC27-118673	Flyash Bins
AC27-118675	Raw Mill
AC27-118676*	Limerock Bin
AC27-118677	Blending Silo
AC27-118678	Kiln Feed Surge Bin
AC27-118681*	Contaminated Flyash and Filter Dust Bin.
AC27-118683	Iron Ore Bin
AC27-118684	Cooler Discharge

AC27-118685	Clinker Silo
AC27-118686	Gypsum and Limestone Bins
AC27-118687	Silo Discharge
AC27-118688	Finish Mill
AC27-118689	Cement Silo Discharge
AC27-118690	Cement Silo

*Transferred from Florida Crushed Stone Company to Central Power and Lime, Inc. on January 25, 1989.

An extension will not be necessary for these 15 air construction permits.

The two air construction permits for sources in the cement plant that must be extended are:

<u>Permit Number</u>	<u>Source</u>
AC27-118674	Cement Kiln, Clinker cooler, Dryer and Raw Mill
AC27-118680	Clinker Handling System

The cement kiln is undergoing further production tests in conjunction with the power plant and lime plant. This will require additional air emission compliance testing which should be completed within the next few months. The clinker handling system has been completed but could not be tested prior to the March 31, 1989 expiration date of the permit. It is requested that these permits be extended to September 30, 1989.

The six permits for the lime plant that must be extended are:

<u>Permit Number</u>	<u>Source</u>
AC27-091426	Limestone Screening
AC27-091427	Limestone Fines Storage Bins
AC27-091429	Lime Dust Storage Bin
AC27-091430	Limestone Storage Silo B
AC27-091432	Lime Shipping Baghouse
AC27-091433	Lime Storage Bins

Note: All permits were transferred from Florida Crushed Stone to Central Power and Lime, Inc. on January 25, 1989.

The lime plant was only recently brought on-line and compliance test could not be completed on these sources prior to the permit expiration date of March 31, 1989. It is requested that these permits be extended to September 30, 1989.



Best Available Copy

Mr. Clair H. Fancy
Florida Department of
Environmental Regulation

March 28, 1989
Page 3

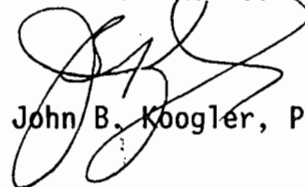
The final air construction permit for the CPL facility is permit AC27-117650. This permit was issued for the coal storage and handling area. On January 25, 1989, this permit was transferred from the Florida Crushed Stone Company to Central Power and Lime Incorporated. This facility has been completed and compliance testing (visible emission observations) was conducted in December 1986 and reported to the Department. These tests showed that the facility operated in full compliance with permit conditions. Because of coal shipment schedules, it has not been possible to conduct visible emission observations at the facility during the past few months. It is requested that the air construction permit for this facility also be extended through September 30, 1989, to allow time for another compliance test that will cover the entire facility (coal receiving through transfer to the CPL plant).

The power plant and lime plant at the CPL complex was permitted under the Power Plant Siting Act by permit PA82-17. It is my understanding that no special action is require to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOGLER & ASSOCIATES



John B. Koogler, Ph.D, P.E.

JBK:wa
Enc.

cc: ~~Mr. Willard Hanks, FDER-Ta1~~
Mr. W. C. Thomas, FDER-Tampa
Mr. Fred Crabill, FCS-Leesburg
Mr. John Burkman, FCS-Brooksville





State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Dale Twachtmann

FROM: Steve Smallwood *[Signature]*

DATE: April 5, 1989

SUBJ: Amendment of Construction Permits

RECEIVED

APR 5 1989

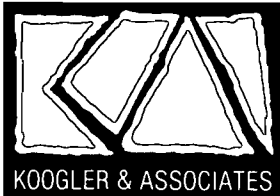
Office of the Secretary

Attached for your approval and signature is a letter that will extend the expiration dates for the construction permits issued to Florida Crush Stone Company's Hernando County cement/power/lime plant. The additional time is needed to complete the compliance tests and apply for permits to operate. The extensions are not controversial and I recommend your approval and signature.

SS/WH/s

attachment

*Please call
Patty Adams
when signed
8-1344*



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 • FAX 377-7158

KA 307-86-04

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Mr. Clair H. Fancy
Florida Department of
Environmental Regulation

March 28, 1989
Page 2

AC27-118685	Clinker Silo
AC27-118686	Gypsum and Limestone Bins
AC27-118687	Silo Discharge
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Note: All permits were transferred from Florida Crushed Stone to Central Power and Lime, Inc. on January 25, 1989.

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Mr. Clair H. Fancy
Florida Department of
Environmental Regulation

March 28, 1989
Page 3

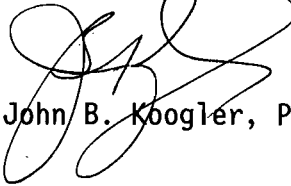
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I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOGLER & ASSOCIATES



John B. Koogler, Ph.D, P.E.

JBK:wa
Enc.

cc: Mr. Willard Hanks, FDER-Tal : is handling amendments
Mr. W. C. Thomas, FDER-Tampa
Mr. Fred Crabill, FCS-Leesburg
Mr. John Burkman, FCS-Brooksville



Old Permit #	New Permit #	Project Name
AC 27-61012 →	AC 27-118672	Filter Dust Bins
AC 27-61013 →	AC 27-118673	Fly Ash Bin
AC 27-61016 →	AC 27-118674	Cement Plant
AC 27-61017 →	AC 27-118675	Raw Meal Transfer
AC 27-61019 →	AC 27-118676	Lime Rock Bin
AC 27-61020 →	AC 27-118677	Bending Silo
AC 27-61021 →	AC 27-118678	Kiln Feed Surge Bin
AC 27-61026 →	AC 27-118680	Clinker Handling
AC 27-61041 →	AC 27-118681	Contaminated Fly Ash & Fulter Dust Bin
AC 27-61042 →	AC 27-118683	Baghouse Q-15 C
AC 27-61027 →	AC 27-118684	Cooler Discharge
AC 27-61030 →	AC 27-118685	Finish Mill Silo L-07
AC 27-61032 →	AC 27-118686	Gypsum & Limestone Bin
AC 27-61033 →	AC 27-118687	Silo Discharges
AC 27-61037 →	AC 27-118688	Finish Mill
AC 27-61038 →	AC 27-118689	Cement Silo
AC 27-61040 →	AC 27-118690	Cement Silo Baghouse

Check Sheet

→ P 4/28

Company Name: Florida Crushed Stone Company
Permit Number:
PSD Number:
County:
Permit Engineer:
Others involved:

AC 27- 118672 through - 118678

~~73~~
~~74~~
~~75~~

Not 79

- 118680 through - 118681

- 118683 through - 118690

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Final Application (if applicable)
- Waiver of Department Action
- Department Response
- Other

Intent:

- Intent to Issue
- Notice to Public
- Technical Evaluation
- BACT Determination
- Unsigned Permit
- Correspondence with:
 - EPA
 - Park Services
 - County
 - Other
- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)
- Other

Final Determination:

- Final Determination
- Signed Permit
- BACT Determination
- Other

Post Permit Correspondence:

- Extensions
- Amendments/Modifications
- Response from EPA
- Response from County
- Response from Park Services
- Other



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: <u>CLAIR FANCY</u>	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Clair Fancy
Bill Thomas

FROM: Buck Oven *ltz*

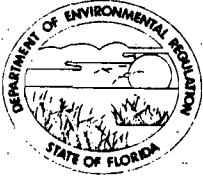
DATE: August 7, 1992

SUBJECT: Florida Crushed Stone - Lime Plant
PA 82-17

The lime plant at the Florida Crushed Stone Brooksville Facility was designed to be integrated into the power plant/cement plant. Since the lime plant discharges through the power plant with emissions controlled by the baghouse serving the power plant and cement plant, it is regulated by the emission limits for the power plant PA 82-17.

BR 8-12-92 *8/11*
Bruce
~~*Preston*~~
Bruce
 Need to coordinate
 with district's PPS to
 close this out.
Clair

8-12-92
 I'm not sure what needs to
 be done, but will try to find
 out from Buck. *RR*
 P.S. Please return to me. *RR*
8-15-92 Buck said that nothing needs
 to be done. *RR*



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Clair Fancy, DARM

FROM: Bill Thomas, Southwest District *for the*

DATE: July ⁶~~14~~, 1992 *VSR*

SUBJECT: Florida Crushed Stone

The District office has not received a response to the request in the attached memo dated March 23, 1992.

Please help us bring this matter to a conclusion.

VT/wta

Attachment



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: <i>Viet</i>	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Clair Fancy, BAR

FROM: Bill Thomas, Southwest District *WCT*

DATE: March 23, 1992

SUBJECT: Florida Crushed Stone
Fluid-Bed Lime Plant (Calciner)

The District office has no record of the Agency action on the attached application. Please give me a copy of the documents relating to the subject application.

If you have any questions, please contact Viet Ta at Suncom 542-6100, Extension 447.

WCT/vsa

Attachment

Department of Environmental Regulation
Routing and Transmittal Slip

To: (Name, Office, Location)

1. *Clair Fancy*

2. *Air*

3. *Talla*

4.

Remarks:

RECEIVED
JUL 08 1992
Division of Air
Resources Management

From:

B. Thomas

Date

7-6-92

Phone



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

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WCT/vsa

Attachment

Kiln - AD 27-55581
Hydrate AD 27 25269
Dryer 27 50400
Dogging 27 17352
Chemical Lime Company
8/4/83

Department of Environmental Regulation
Routing and Transmittal Slip

To: (Name, Office, Location)

PATTON

1. *Clair Jancy*

2. *Air*

RECEIVED

3. *Halla*

MAR 27 1992

4.

Remarks:

Division of Air
Resources Management

F Y I

*3/31 -
Buck Owen
is checking
records for
time plant*

From

B Thomas

Date

3/25/92

Phone

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

Received DER

AUG 9 1984

BOB GRAHAM
GOVERNOR

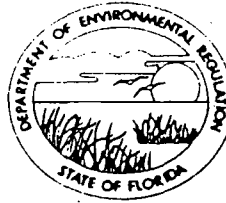
VICTORIA J. TSCHINKEL
SECRETARY

P.P.S

ALEX SENKEVICH
DISTRICT MANAGER

ST. JOHNS RIVER
DISTRICT

3319 MAGUIRE BOULEVARD
SUITE 232
ORLANDO, FLORIDA 32803



APPLICATION TO ~~OPERATE~~/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Lime Plant New¹ [] Existing¹

APPLICATION TYPE: Construction [] Operation [] Modification

COMPANY NAME: Florida Crushed Stone Company COUNTY: Hernando

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) Fluid-Bed Lime Plant

SOURCE LOCATION: Street Cobb Rd.; 2 miles NW of Brooksville City Brooksville

UTM: East 360.008 km North 3162.392 km

Latitude ° ' "N Longitude ° ' "W

APPLICANT NAME AND TITLE: Browne Gregg, Chairman and CEO

APPLICANT ADDRESS: Post Office Box 317, Leesburg, Florida 32748

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Florida Crushed Stone Co

I certify that the statements made in this application for a Construction permit are true, correct and complete to the best of my knowledge and belief. Further I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: F. Brown Gregg
Browne Gregg, Chairman and CEO
Name and Title (Please Type)

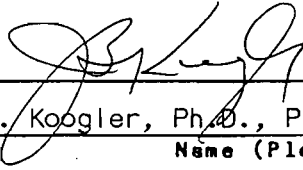
Date: 8/8/84 Telephone No. (904)787-0608

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been ~~designed~~/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

¹ See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed 
John B. Koogler, Ph.D., P.E.
Name (Please Type)

Sholtes & Koogler, Environmental Consultants
Company Name (Please Type)

1213 NW 6th Street, Gainesville, FL 32601
Mailing Address (Please Type)

Florida Registration No. 12925 Date: 2/2/84 Telephone No. (904) 377-5822

SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

A 50 tph fluid-bed lime plant will be constructed in conjunction with the Florida Crushed Stone power plant/cement plant complex. Off-gases from the lime plant will be incorporated in the power plant system as combustion air and to provide lime for sulfur dioxide control. Emissions will ultimately be controlled with a baghouse to a limit more stringent than NSPS for lime plants.

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction November 1984 Completion of Construction October 1986

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

\$12,220,000 installed cost of baghouse for cement plant/power plant/lime plant.

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

PA-8217 for power plant and AC27-61016 for cement plant.

E. Requested permitted equipment operating time: hrs/day 24; days/wk 7; wks/yr 52; if power plant, hrs/yr _____; if seasonal, describe: Plant will operate 7884 hours per year

F. If this is a new source or major modification, answer the following questions. (Yes or No) No - Minor modifications to major emitting facility.

- 1. Is this source in a non-attainment area for a particular pollutant? NO
 - a. If yes, has "offset" been applied? --
 - b. If yes, has "Lowest Achievable Emission Rate" been applied? --
 - c. If yes, list non-attainment pollutants. ---
- 2. Does best available control technology (BACT) apply to this source? NO
If yes, see Section VI.
- 3. Does the State "Prevention of Significant Deterioration" (PSD) requirement apply to this source? If yes, see Sections VI and VII. NO
- 4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? YES
- 5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? NO
- H. Do "Reasonably Available Control Technology" (RACT) requirements apply to this source? NO
 - a. If yes, for what pollutants? _____
 - b. If yes, in addition to the information required in this form, any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Limestone	Part.Matter	2-3	208,000	A
104 tph limestone = 98.8 tph calcium carbonate and 5.2 tph impurities.				
98.8 tph calcium carbonate = 55.3 tph lime and 43.5 tph carbon dioxide.				
55.3 tph lime = 50 tph product and 5.3 tph lime to power boiler or waste.				

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): 208,000 (limestone)

2. Product Weight (lbs/hr): 100,000 (lime)

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
Part.Matter	14.3*	56.4	0.03 lb/10 ⁶ BTU	14.3	56,800**	223,900	Stack
SO ₂	0	0	--	--	0	0	Stack
NO _x	262*	1033	0.55 lb/10 ⁶ BTU	262	262	1033	Stack
*Based on stated emission limit and a heat input of 467 million BTU/hr; Total emissions from power plant/cement plant/lime plant complex are shown in Attachment 1.							
** Emissions from Fluid-Bed estimated by Laramore, Douglass & Popham.							

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Baghouse with 1.5 air to cloth ratio	Part. Matter	99.97%	>0.5 um	Estimate
Efficiency of entire system for lime kiln emissions				
= $(56,800 - 14.3) \times 100 / 56,800 = 99.97\%$				

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
Coal	36,000	39,000	476.0

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: 0.75 Percent Ash: 10
 Density: _____ lbs/gal Typical Percent Nitrogen: 1.4
 Heat Capacity: 12,200 BTU/lb _____ BTU/gal
 Other Fuel Contaminants (which may cause air pollution): None

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average Not Applicable Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal.

Ash generated in the lime plant will be used in the cement plant.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack): See Attachment No. 1

Stack Height: 320 ft. Stack Diameter: 17 ft.
 Gas Flow Rate: $\frac{278,600}{692,000}$ ACFM _____ DSCFM Gas Exit Temperature: 242 - 362 °F.
 Water Vapor Content: 8 - 16 % Velocity: 17.5 - 50.8 FPS

SECTION IV: INCINERATOR INFORMATION
NOT APPLICABLE

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ day/wk _____ wks/yr.

Manufacturer: _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter: _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity: _____ FPS

*If 50 or more tone per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control devices: Cyclone Wet Scrubber Afterburner
 Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made. (See Section III C)
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test). (See Section III C)
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.) (Attachment 2)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions x potential (1-efficiency). (See Section III D)
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained. (Attachment 3)
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map). (See original Florida Crushed Stone Attachment Package)
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram. (See original Florida Crushed Stone Attachment Package)

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes No

Contaminant	Rate or Concentration
Particulate Matter	0.6 lb/ton of feed or 62.4 lbs/hr

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes No

Contaminant	Rate or Concentration

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration
Particulate Matter	0.03 lb/million BTU or 14.3 lbs/hr

D. Describe the existing control and treatment technology (if any).

- | | |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:* | 4. Capital Costs: |

*Explain method of determining

5. Useful Life:

6. Operating Costs:

7. Energy:

8. Maintenance Cost:

9. Emissions:

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

10. Stack Parameters

a. Height:

ft.

b. Diameter:

ft.

c. Flow Rate:

ACFM

d. Temperature:

°F.

e. Velocity:

FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

a. Control Device:

b. Operating Principles:

c. Efficiency:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

a. Control Device:

b. Operating Principles:

c. Efficiency:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

- 3.
- a. Control Device:
 - b. Operating Principles:
 - c. Efficiency:¹
 - d. Capital Cost:
 - e. Useful Life:
 - f. Operating Cost:
 - g. Energy:²
 - h. Maintenance Cost:
 - i. Availability of construction materials and process chemicals:
 - j. Applicability to manufacturing processes:
 - k. Ability to construct with control device, install in available space, and operate within proposed levels:

- 4.
- a. Control Device:
 - b. Operating Principles:
 - c. Efficiency:¹
 - d. Capital Costs:
 - e. Useful Life:
 - f. Operating Cost:
 - g. Energy:²
 - h. Maintenance Cost:
 - i. Availability of construction materials and process chemicals:
 - j. Applicability to manufacturing processes:
 - k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

- 1. Control Device:
- 2. Efficiency:¹
- 3. Capital Cost:
- 4. Useful Life:
- 5. Operating Cost:
- 6. Energy:²
- 7. Maintenance Cost:
- 8. Manufacturer:
- 9. Other locations where employed on similar processes:
- a. (1) Company:
- (2) Mailing Address:
- (3) City:
- (4) State:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION

NOT APPLICABLE

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂* _____ Wind spd/dir

Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

*Specify bubbler (B) or continuous (C).

INTERNAL AND STACK GAS FLOW RATES AND TEMPERATURES AND
AIR POLLUTANT EMISSION RATES FOR VARIOUS OPERATING CONDITIONS

FLORIDA CRUSHED STONE COMPANY
BROOKSVILLE, FLORIDA

Case	Operating Units (1)	Gas Stream (2)						Stack Gas				
		Flow (ACFM) (3)	Temp (°F)	Flow (ACFM) (33)	Temp (°F)	Flow (ACFM) (34)	Temp (°F)	Flow (ACFM)	Temp (°F)	SO ₂ (lb/hr)	NO _x (lb/hr)	P.M. (lb/hr)
1	Power	420,000	330	0	-	0	-	420,000	330	750	846	37.0
2	Power/lime	471,290	355	0	-	0	-	471,290	355	750	846	46.1
3	Power/lime/cement	532,459	403	0	-	159,637	250	692,096	362	800 (1)	1205 (2)	86.5 (3)
4	Power/lime/cement/dryer	110,380	516	371,704	220	159,637	250	641,721	265	650	1205	86.5
5	Power/lime/dryer	107,710	300	324,198	220	0	-	431,908	238	600	846	46.1
6	Power/cement/dryer	137,508	303	342,020	361	159,637	250	639,243	318	770	1205	86.5
7	Power/cement	489,520	240	0	-	159,637	250	648,757	242	800	1205	86.5
8	Power/dryer	106,289	290	289,255	220	0	-	395,544	237	720	846	37.0
9	Cement	119,000	350	0	-	159,637	250	278,637	290	50	359	49.5

- (1) Power - Power plant @ 125 mw
Lime - Fluid-bed lime kiln @ 50 tph lime
Dryer - Fluid-bed limestone dryer @ 140 tph
Cement - Cement plant @ 75 tph clinker.
- (2) See attached Flow Diagram for identification of gas streams.
- (3) Maximum hourly sulfur dioxide emission rate of 800 lb/hour represents a reduction of 165 lb/hr from presently permitted maximum emission rate.
- (4) Maximum hourly nitric oxides emission rate of 1205 lb/hour represents a reduction of 18 lb/hr from presently permitted maximum emission rate.
- (5) Maximum hourly particulate matter emission rate of 86.5 lb/hour represents no change from presently permitted maximum emission rate.

FABRIC FILTER DATA

Source Lime Plant

Type of Particulate Limestone/flyash

Gas Flow (Acfm) 692,100 max.

Temperature (°F) 242 - 365

Part. Conc. (gr/Acf) 25

Collector Pressure Drop (In. H₂O) 6

Fan Requirement (Hp) 2700

Air/Cloth Ratio (Acfm/ft²) 1.5

Bag Diameter (in.) 12

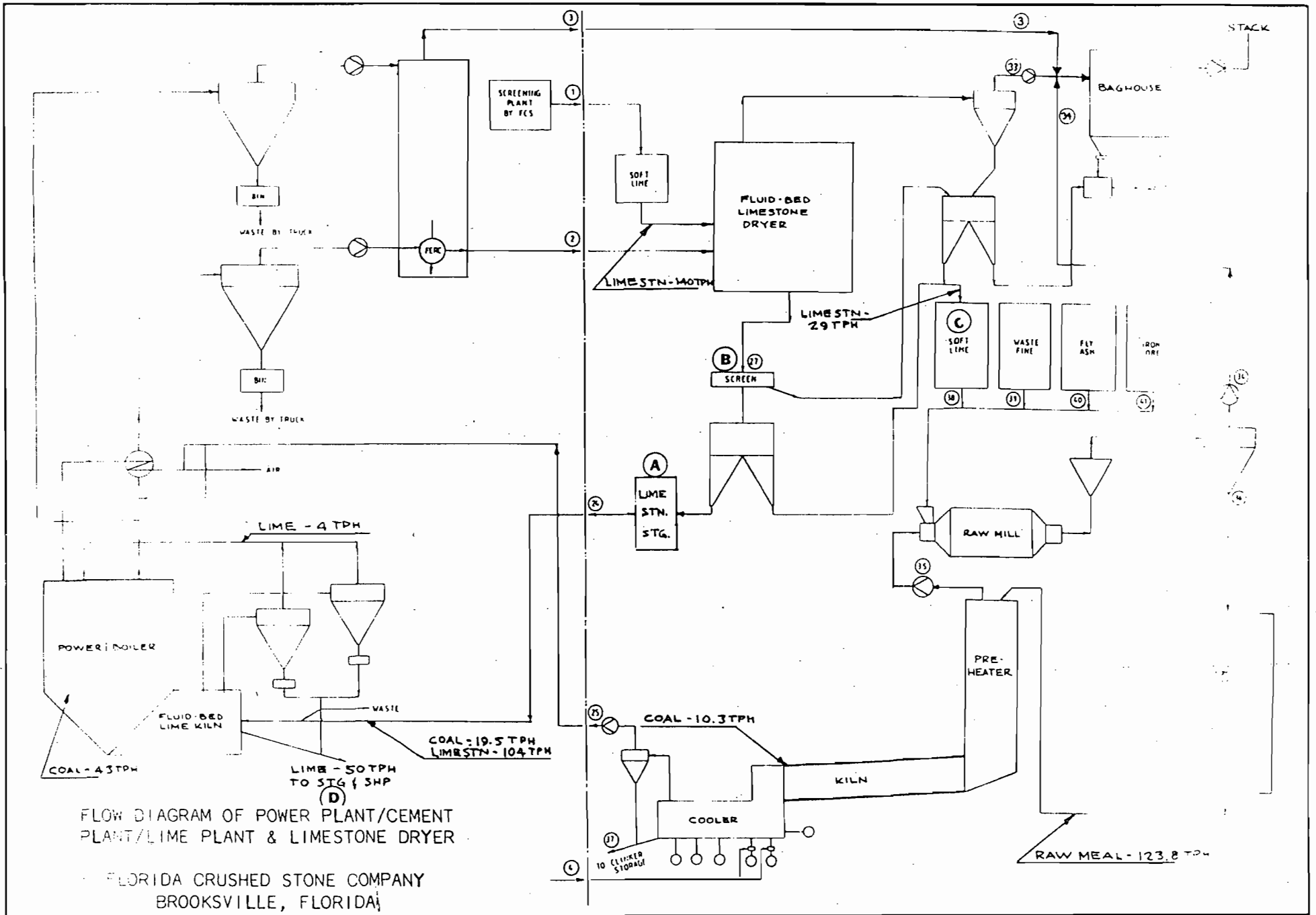
Bag Length (ft.) 37

Number of Bags 3876

Number of Compartments 34

Filter Material Teflon coated fiberglass

Cleaning Method Reverse air; variable cycle



FLOW DIAGRAM OF POWER PLANT/CEMENT PLANT/LIME PLANT & LIMESTONE DRYER

FLORIDA CRUSHED STONE COMPANY
BROOKSVILLE, FLORIDA

P 832 538 952



Certified Mail Receipt

No Insurance Coverage Provided

Do not use for International Mail

(See Reverse)

Sent To Don Stone	
Street & No. Ela. Crushed Stone	
P.O. / State & ZIP Code Keosauqua, IA	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date & Address of Delivery	
TOTAL Postage & Fees	\$
Postmaster's or Date 9-16-91 AC 27-118674	

PS Form 3800, June 1990

SENDER: Complete Items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery
↑(Extra charge)↑

<p>3. Article Addressed to:</p> <p>Mr. Don A. Stone Corp. Env. & Safety Mgr. Ela. Crushed Stone P.O. Box 490300 Keosauqua, IA 34749-0300</p> <p>5. Signature of Addressee <i>[Signature]</i></p> <p>6. Signature - Agent X</p> <p>7. Date of Delivery 9-19-91</p>	<p>4. Article Number P 832 538 952</p> <p>Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail</p> <p>Always obtain signature of addressee or agent and <u>DATE DELIVERED</u>.</p> <p>8. Addressee's Address (ONLY if requested and fee paid)</p>
---	--

PS Form

U.S.G.P.O. 1987-178-268

DOMESTIC RETURN RECEIPT



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

September 13, 1991

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Don A. Stone
Corporate Environmental and Safety Manager
Florida Crushed Stone Company
Post Office Box 490300
Leesburg, Florida 34749-0300

Dear Mr. Stone:

Re: Expiration Date Extension for Construction Permit
AC 27-118674

The Department has reviewed the above request contained in Dr. John B. Koogler's letter received September 4, 1991. The request is acceptable and the following will be changed and added:

1. Expiration Date

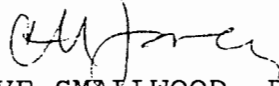
From: September 30, 1991
To: September 30, 1992

2. Attachment to be Incorporated

o Dr. John B. Koogler's letter received September 4, 1991.

This letter must be attached to the construction permit, No. AC 27-118674, and shall become a part of the permit.

Sincerely,


STEVE SMALLWOOD, P.E.
Director
Division of Air Resources
Management

SS/BM/rbm

Attachment

cc: B. Thomas, SW District
J. B. Koogler, Ph.D., P.E., K&A
C. Hetrick, HCBCC
T. Mountain, FCSC
L. Sellers, H&K



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Steve Smallwood

FROM: Clair Fancy

DATE: September 12, 1991

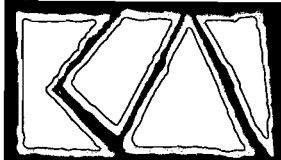
SUBJ: Construction Permit Expiration Date Extension
Florida Crushed Stone Company
AC 27-118674

For your approval and signature is a letter containing an amendment that was prepared by the Bureau of Air Regulation to extend the expiration date of the above referenced construction permit. The facility is located in Brooksville, Hernando County, Florida. There is no controversy associated with this action.

I recommend your approval and signature.

Attachment

SS/BM/rbm



KOOGLER & ASSOCIATES

ENVIRONMENTAL SERVICES

4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 • FAX 377-7158

KA 307-90-04

September 3, 1991

RECEIVED

SEP 04 1991

Division of Air
Resources Management

Mr. C. H. Fancy
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Florida Crushed Stone Company
Hernando County, Florida
Cement Plant Construction Permit
Permit AC27-118674

Dear Mr. Fancy:

It has come to our attention that construction permit AC27-118674 issued by the Florida Department of Environmental Regulation for the cement kiln and clinker cooler operated by Florida Crushed Stone Company will expire on September 30, 1991. Florida Crushed Stone (FCS) has applied for and received air operation permit A027-183508 for the continuing operation of the cement kiln and clinker cooler. However, certain amendments are being considered to operating conditions of the cement plant; including the use of wastewater sediment as a raw feed supplement and tire derived fuel as a fuel supplement. These amendments must be addressed in the federally enforceable construction permit issued for the cement plant under present permitting requirements.

To maintain the subject air construction permit in effect until the Department has approved the various amendments being considered by FCS, we are requesting that the expiration date of air construction permit AC27-118674 be extended from September 30, 1991, to September 30, 1992. If there are any questions regarding this matter, please do not hesitate to contact me. I appreciate your attention to this matter.

Very truly yours,

KOOGLER & ASSOCIATES


John B. Koogler, Ph.D., P.E.

JBK:wa

c: Mr. Tom Mountain, FCS
Mr. Bruce Mitchell, FDER
B. Thomas, SW Dist

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the matter of:)
)
Florida Crushed Stone,)
)
Petitioner)
_____)

Permit No. AC 27-118674
 ASP-91-C-01

ORDER APPROVING REQUEST

FOR

ALTERNATE TEST PROCEDURES AND REQUIREMENTS

Pursuant to Rule 17-2.700(3), Florida Administrative Code, Florida Crushed Stone, petitioner, submitted a request for approval to use EPA Method 7E in lieu of EPA Method 7 as the compliance verification procedure for Florida Crushed Stone's power plant and cement plant, permit number AC 27-118674, located in Hernando County.

Having considered petitioner's written request and all supporting documentation, the following Findings of Fact, Conclusions of Law, and Order are entered:

FINDINGS OF FACT

1. Florida Crushed Stone, petitioner, specifically requested approval to use EPA Method 7E in lieu of EPA Method 7 for annual testing of nitrogen oxide emissions from the cement plant as specified in specific condition number 6 of permit number AC 27-118674, and the power plant as allowed by power plant site

certification PA82-17.

2. As justification for the use of EPA Method 7E, the petitioner states, "Compliance tests are costly to conduct and oftentimes it is impossible to repeat conditions under which compliance testing has been conducted. As a result of the difficulties we have encountered with the analytical portion of EPA Method 7 and the potential problems imposed by these difficulties, we are requesting that EPA Method 7E be approved as an alternative procedure for measuring nitrogen oxides emissions at CPL. EPA Method 7E utilizes a chemiluminescent analyzer that can be field calibrated with NBS traceable gases. The nitrogen oxides measurements made with the instrument are instantaneous and hence, any questionable test can immediately be repeated while the test crew is in the field."

3. Specific condition number 1 of the stack testing requirements for the power plant site certification PA82-17 states, "....The performance tests shall be conducted in accordance with 40 CFR 60.46." Specific condition number 2 of the stack testing requirements for the power plant site certification states, "Performance tests shall be conducted and data reduced in accordance with methods and procedures outlined in Rule 17-2.700, FAC." Both Rule 17-2.700, Florida Administrative Code, and 40 CFR 60.46 authorize the use of EPA Method 7E for the measurement of nitrogen oxide emissions from fossil fuel steam generators.

4. Specific condition number 6 of AC 27-118674 requires the permittee to use EPA Method 7 for the measurement of nitrogen oxide emissions from the portland cement plant. Neither 40 CFR 60 nor Rule 17-2.700, Florida Administrative Code, require a specific method for the measurement of nitrogen oxide emissions from portland cement plants.

5. The emission test results obtained with EPA Method 7E are expected to be suitable for verifying the compliance status of the portland cement plant because the portland cement plant burns fossil fuel as does the power plant.

CONCLUSIONS OF LAW

1. The Department has jurisdiction to consider petitioner's request pursuant to Section 403.061, Florida Statutes, and Rule 17-2.700(3), Florida Administrative Code.

2. The Department retains the right to require an EPA Method 7 compliance test pursuant to 17-2.700(2)(b) if, after investigation, it is believed that the use of Method 7 is necessary to determine whether an applicable emission standard is being violated.

3. Petitioner has demonstrated that the proposed alternate compliance verification method would be adequate to verify whether the affected sources are in compliance with the nitrogen oxide emission limiting standards.

ORDER

Having considered petitioner's written request and supporting

documentation, it is hereby ordered that:

1. The relief requested by petitioner is granted;
2. Petitioner shall conduct the appropriate EPA Method 7E tests using equipment that complies with the provisions of, and the procedures specified in Rule 17-2.700, Florida Administrative Code; and
3. Petitioner shall submit the test results to the Director of the Southwest District office prior to September 30, 1991.

RIGHT TO APPEAL

Any party to this Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Notice of Agency Action is filed with the Clerk of the Department.

PETITION FOR ADMINISTRATIVE REVIEW

1. A person whose substantial interests are affected by the Department's decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, 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 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 21 days of receipt of this Order. Petitioner shall mail a copy of the petition to the applicant at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

2. The petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, and the Department File Number;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner

contends require reversal or modification of the Department's action or proposed action; and

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

3. If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Order. Persons whose substantial interests will be affected by any decision of the Department with regard to the applicant have the right to petition to become a party to the proceeding. The petition must conform with the requirements specified above and be filed (received) within 21 days of receipt of this notice in the Office of General Counsel at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code.

4. This Order constitutes final agency action unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition

is filed within the time specified for filing a petition and conforms to Rule 17-103.070, Florida Administrative Code. Upon timely filing of a petition or a request for an extension of time this Order will not be effective until further Order of the Department.

DONE AND ORDERED this 27 day of August, 1991 in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

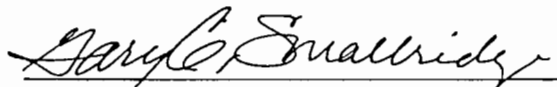


CAROL M. BROWNER
Secretary
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Telephone (904) 488-4805

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing Order has been mailed, postage prepaid, to Tom Mountain, Environmental Manager, Florida Crushed Stone, P.O. Box 1508, Brooksville, Florida, 34605-1508, this 29th day of August, 1991.



GARY C. SMALLRIDGE
Assistant General Counsel

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

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

Telephone (904) 488-9730

P 256 396 159

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

* U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

To <i>Randy Thompson</i>	
Street and No. <i>FIA Crushed Stone</i>	
P.O., State and ZIP Code <i>P.O. BOX 490300</i>	
Postage <i>Leesburg, FL</i>	
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date <i>9 pmts</i> <i>8-13-90</i>	

SEND TO: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

3. Article Addressed to: <i>Randy Thompson</i> <i>Env. Dept.</i> <i>Fla. Crushed Stone Co.</i> <i>P.O. BOX 490300</i> <i>Leesburg, FL 34749-0300</i>	4. Article Number <i>P 256 396 159</i>
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery <i>8-15-90</i>	



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

August 9, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Randy Thompson
Environmental Department
Florida Crushed Stone Company
P. O. Box 490300
Leesburg, Florida 34749-0300

Dear Mr. Thompson:

Re: Expiration Date Extensions for Construction Permits
AC 27-118680, Clinker Handling System
AC 27-118674, Cement Plant Kiln and Clinker Cooler
AC 27-091426, Limestone Screening
AC 27-091427, Limestone Fines Storage Bins
AC 27-091429, Lime Dust Storage Bin
AC 27-091430, Limestone Dryer Discharge
AC 27-091432, Lime Shipping Baghouse
AC 27-091433, Lime Storage Bins
AC 27-117650, Coal Handling

The Department has reviewed the above requests contained in your letter that was received on January 25, 1990. The requests are acceptable and the following will be changed and added:

Expiration Date:

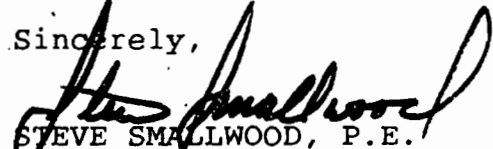
From: September 30, 1989
To: September 30, 1991

Attachment to be Incorporated:

° Dr. John B. Koogler's letter received January 25, 1990.

This letter must be attached to the above referenced construction permits and shall become a part of the permits.

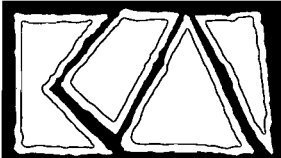
Sincerely,


STEVE SMALLWOOD, P.E.
Director
Division of Air Resources
Management

SS/BM/t

attachment

cc: B. Thomas, SW District
J. Koogler, P.E., K&A



KOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 ■ FAX 377-7158

RECEIVED
JAN 25 1990
DER-BAQ

KA 307-86-04

January 24, 1990

Mr. C.H. Fancy
Assistant Director
Florida Department of
Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Extension of Construction Permit Expiration Dates
Florida Crushed Stone Company and
Central Power and Lime, Inc.
Brooksville, Florida

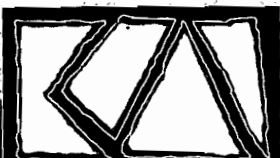
Dear Mr. Fancy:

On behalf the Florida Crushed Stone Company and Central Power and Lime, Inc., I would like to request that the expiration dates of the following air construction permits be extended until September 30, 1990:

CEMENT PLANT (Florida Crushed Stone Company)

<u>Permit No.</u>	<u>Description</u>
AC27-118680	Clinker Handling System
AC27-118674	Cement Plant Kiln and Clinker Cooler

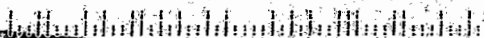
The compliance testing on the cement plant kiln and clinker cooler has been completed. The continuous opacity monitor for these plants still needs to be certified and visible emission tests must still be completed on the clinker handling system.



KOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609



Mr. C. H. Fancy
Assistant Director
Florida Department of
Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400



Mr. C.H. Fancy
Re: Florida Crushed Stone Co.

January 24, 1990
Page 2

LIME PLANT (Central Power and Lime, Inc.)

AC27-091426 Limestone Screening
AC27-091427 Limestone Fines Storage Bins
AC27-091429 Lime Dust Storage Bin
AC27-091430 Limestone Dryer Discharge
AC27-091432 Lime Shipping Baghouse
AC27-091433 Lime Storage Bins

Operating problems in the lime plant have been resolved and compliance testing and certification of the continuous opacity monitor for the Power/Lime plant will be scheduled soon.

COAL STORAGE (Central Power and Lime, Inc.)

AC27-117650 Coal Handling

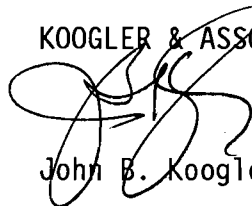
Testing has indicated that some modification is required to the screens on the coal handling system, in order to reduce the opacity of emissions. This matter is presently being evaluated.

Extending the expiration dates of these construction permits to September 30, 1990 will give us the time necessary to address the issues cited above for each of the systems.

Thank you for your consideration. If you have any questions or require additional information, please do not hesitate to give me a call.

Very truly yours,

KOOGLER & ASSOCIATES



John B. Koogler, Ph.D., P.E.

JBK:mab

cc: Mr. John Burkman, Central Power and Lime, Inc.
Ms. Linda Swart, Florida Crushed Stone Company





State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Steve Smallwood
FROM: Clair Fancy *CAF*
DATE: August 9, 1990
SUBJ: Amendments to Florida Crushed Stone Co.
Permit Numbers: AC 27-118680, -188674, -091426, -091427,
-091429, -091430, -091432, -091433 & -117650

Attached for your approval and signature is a letter extending the expiration dates for the above referenced construction permits.

The Bureau recommends approval of this amendment.

CHF/BM/t

attachment

P 274 007 536

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)


PS Form 3800, June 1985
* U.S.G.P.O. 1985-480-794

Sent to Mr. Browne Gregg	
Firm Florida Crushed Stone Co.	
P.O. Box 317	
P.O., State and ZIP Code Leesburg, FL 32749	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date AC 27-118672-78, 80-81, 83-90; AC 27-091426, 27, 29, 30, 32, & 33; AC 27-117650 mailed 12/16/88	

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Browne Gregg Florida Crushed Stone Co. P.O. Box 317 Leesburg, FL 32749	4. Article Number P 274 007 536
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature -- Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature -- Agent X <i>Paul</i>	
7. Date of Delivery	





Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400
Bob Martinez, Governor Dale Twachtmann, Secretary John Shearer, Assistant Secretary

December 13, 1988

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

Dear Mr. Gregg:

Re: Amendment of Construction Permits

The Department is in receipt of John B. Koogler's November 29, 1988, letters requesting the permits to construct your cement plant, lime plant, and coal storage facility be extended to allow additional time for the compliance testing to be completed, the Certificate of Completion of Construction to be completed and forwarded to the Department's Southwest District office, and the application for permits to operate to be processed. This request is acceptable and the expiration dates of the following construction permits are extended from December 31, 1988, to March 31, 1989.

<u>Permit No.</u>	<u>Description</u>
<u>CEMENT PLANT</u>	
AC 27-118672	filter dust bins
AC 27-118673	fly ash bins
AC 27-118674	cement kiln, clinker cooler, dryer, and raw mill
AC 27-118675	raw mill transfer
AC 27-118676	limerock bin
AC 27-118677	blending silo
AC 27-118678	kiln feed surge bin
AC 27-118680	clinker handling
AC 27-118681	contaminated flyash and filter dust bin
AC 27-118683	iron ore bin
AC 27-118684	cooler discharge
AC 27-118685	clinker silo
AC 27-118686	gypsum and limestone bins
AC 27-118687	silo discharge

Mr. Browne Gregg
Page Two
December 13, 1988

AC 27-118688 finish mill
AC 27-118689 cement silo discharge
AC 27-118690 cement silo

LIME PLANT

AC 27-091426 limestone screening
AC 27-091427 limestone fines storage bins
AC 27-091429 lime dust storage bin
AC 27-091430 limestone storage silo B
AC 27-091432 lime shipping baghouse
AC 27-091433 lime storage bins

COAL STORAGE

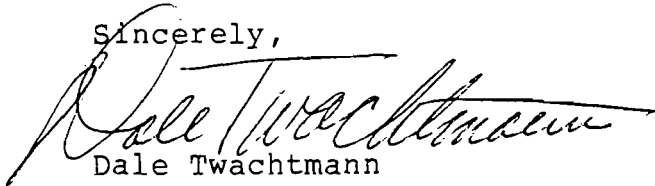
AC 27-117650 coal handling

Attachment to be Incorporated:

12. Letter of John B. Koogler dated November 29, 1988, Power/Lime Plant.
13. Letter of John B. Koogler dated November 29, 1988, Cement Plant.

A copy of this letter must be attached to the listed permits and shall become part of those permits.

Sincerely,


Dale Twachtmann
Secretary

DT/ks

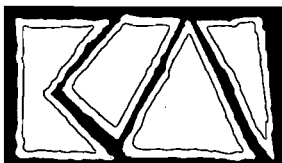
cc: J. B. Koogler, P.E.
W. C. Thomas, SW District
F. Crabill, FCS

Ready File ✓

Holland & Knight - runner pick-up on 12/16/88

Hand Delivered
11-30-88

file copy



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES
4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 • FAX 377-7158

RECEIVED

NOV 30 1988

KA 307-86-04

November 29, 1988

DER - BAQM

Mr. C. H. Fancy
Bureau of Air Quality Management
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Cement Plant
Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company has been issued 18 air construction permits for the construction of a cement plant in Hernando County near Brooksville, Florida. Seventeen of the permits were issued for the cement plant and one permit was issued for the coal storage area. The expiration date of these permits was extended from June 30, 1988 to December 31, 1988, in accordance with our request dated June 16, 1988.

By this letter, I am requesting, on behalf of the Florida Crushed Stone Company, that the expiration dates on all 18 air construction permits again be extended; from December 31, 1988 to March 31, 1989. The permits for which the extensions are requested are:

CEMENT PLANT

AC27-118672
AC27-118673
AC27-118674
AC27-118675
AC27-118676
AC27-118677
AC27-118678
AC27-118680
AC27-118681

AC27-118683
AC27-118684
AC27-118685
AC27-118686
AC27-118687
AC27-118688
AC27-118689
AC27-118690

Mr. C. H. Fancy
Re: Florida Crushed Stone

November 29, 1988
Page 2

COAL STORAGE

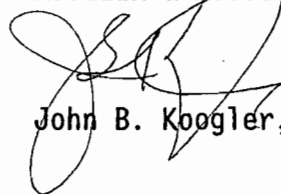
AC27-117650

The emission points covered by the cement plant permits have been constructed and operated. Compliance testing has either been completed or will soon be completed on these emission points. Similarly, the coal storage areas has been completed and compliance testing has been conducted on this area. Compliance test reports and Certificates of Completion of Construction will be prepared for all cement plant and coal storage emission points within the next few months and submitted to the Department. The requested extension to the expiration date of the constructions permits covering these emission points is to allow the compliance testing to be completed, the Certificates of Completion of Construction to be completed and forwarded to your office and operating permits processed.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOGLER & ASSOCIATES



John B. Koogler, Ph.D, P.E.

JBK:mab

cc: Mr. W. C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

*copied: Willard Hanks
CHF/BT*



*hand delivered
11-30-88*

file copy



KOOGLER & ASSOCIATES

ENVIRONMENTAL SERVICES

4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
904/377-5822 • FAX 377-7158

RECEIVED

NOV 30 1988

DER-BAQM

KA 307-86-04

November 29, 1988

Mr. C. H. Fancy
Bureau of Air Quality Management
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company has been issued six air construction permits for the construction of a power and lime plant in Hernando County near Brooksville, Florida. The expiration date of these permits was extended from June 30, 1988 to December 31, 1988, in accordance with our request dated June 16, 1988.

By this letter, I am requesting, on behalf of the Florida Crushed Stone Company, that the expiration dates on all six air construction permits again be extended; from December 31, 1988 to March 31, 1989. The permits for which the extensions are requested are:

LIME PLANT

AC27-091426
AC27-091427
AC27-091429

AC27-091430
AC27-091432
AC27-091433

The power plant and lime plant are expected to begin commercial operations in early 1989 and will be tested as soon thereafter as practical. The requested extension to the expiration date of the constructions permits covering these emission points is to allow the compliance testing to be completed, the Certificates of Completion of Construction to be completed and forwarded to your office and operating permits processed.

Mr. C. H. Fancy
Re: Florida Crushed Stone

November 29, 1988
Page 2

The power plant portion of the C/P/L complex was permitted under the Power Plant Siting Act by Permit PA82-17. It is our understanding that no special action is required to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOGLER & ASSOCIATES



John B. Koogler, Ph.D, P.E.

JBK:mab

cc: Mr. W. C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

*copied:illard Henke
CHF/JST*

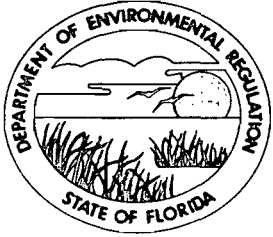


P 702 175 475
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to Mr. Browne Gregg, FL Crushed Stone Co.	
Street and No. P.O. Box 317	
P.O., State and ZIP Code Leesburg, FL 32749	
Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	S
Postmark or Date Mailed: 7-11-88 Permit: AC 27-118672 - 690 AC 27-091426 - 433	

PS Form 3800, June 1985

<p>● SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.</p>	
1. <input checked="" type="checkbox"/> Show to whom delivered, date, and addressee's address. 2. <input type="checkbox"/> Restricted Delivery ↑(Extra charge)↑ ↑(Extra charge)↑	
3. Article Addressed to: Mr. Browne Gregg Florida Crushed Stone Company Post Office Box 317 Leesburg, FL 32749	4. Article Number <p style="text-align: center;">P 702 175 475</p> Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and DATE DELIVERED .
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent 	
7. Date of Delivery <p style="font-size: 2em; text-align: center;">7/14/88</p>	



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

July 5, 1988

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

Dear Mr. Gregg:

Re: Amendment of Construction Permits

The Department is in receipt of John B. Koogler's June 16, 1988, letter requesting the permits to construct your cement plant, lime plant, and coal storage facility be extended to allow additional time for the compliance testing to be completed, the Certificate of Completion of Construction to be completed and forwarded to the Department's Southwest District office, and the permits to operate to be processed. This request is acceptable and the expiration dates of the following construction permits are extended from June 30, 1988, to December 31, 1988.

Permit No.	Description
<u>CEMENT PLANT</u>	
AC 27-118672	filter dust bins
AC 27-118673	fly ash bins
AC 27-118674	cement kiln, clinker cooler, dryer, and raw mill
AC 27-118675	raw mill transfer
AC 27-118676	limerock bin
AC 27-118677	blending silo
AC 27-118678	kiln feed surge bin
AC 27-118680	clinker handling
AC 27-118681	contaminated flyash and filter dust bin
AC 27-118683	iron ore bin
AC 27-118684	cooler discharge
AC 27-118685	clinker silo
AC 27-118686	gypsum and limestone bins

Mr. Browne Gregg
Page Two
July 5, 1988

AC 27-118687	silo discharge
AC 27-118688	finish mill
AC 27-118689	cement silo discharge
AC 27-118690	cement silo

LIME PLANT

AC 27-091426	limestone screening
AC 27-091427	limestone fines storage bins
AC 27-091429	lime dust storage bin
AC 27-091430	limestone storage silo B
AC 27-091432	lime shipping baghouse
AC 27-091433	lime storage bins

COAL STORAGE

AC 27-117650	coal handling
--------------	---------------

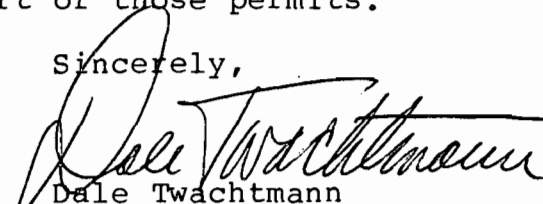
The two specific conditions concerning monthly reports and commercial operation added to these permits as part of the December 9, 1987, amendments remain in affect.

Attachment to be Incorporated

12. Letter of John B. Koogler dated June 16, 1988.

A copy of this letter must be attached to each of the listed permits and shall become part of those permits.

Sincerely,



Dale Twachtmann
Secretary

DT/ks

cc: John B. Koogler, P.E.
William Thomas, SW District
Fred Crabill, FCS

6-17-88

file copy



KOOGLER & ASSOCIATES, Gainesville FL
Environmental Services

4014 N.W. 13th Street • Gainesville, Florida 32609 • 904/377-5822



RECEIVED

JUN 20 1988

DER-BAQM

KA 307-86-04

June 16, 1988

P-597 703 102

Mr. C. H. Fancy
Bureau of Air Quality Management
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Cement/Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company has been issued 24 air construction permits for the construction of a cement/power/lime (C/P/L) plant in Hernando County near Brooksville, Florida. Seventeen of the permits were issued for the cement plant, six permits were issued for the lime plant and one permit was issued for the coal storage area. The expiration date of these permits was extended from December 31, 1987 to June 30, 1988, in accordance with our request dated November 23, 1987.

By this letter, I am requesting, on behalf of the Florida Crushed Stone Company, that the expiration dates on all 24 air construction permits again be extended; from June 30, 1988 to December 31, 1988. The permits for which the extensions are requested are:

CEMENT PLANT

- | | |
|-------------|-------------|
| AC27-118672 | AC27-118683 |
| AC27-118673 | AC27-118684 |
| AC27-118674 | AC27-118685 |
| AC27-118675 | AC27-118686 |
| AC27-118676 | AC27-118687 |
| AC27-118677 | AC27-118688 |
| AC27-118678 | AC27-118689 |
| AC27-118680 | AC27-118690 |
| AC27-118681 | |

Mr. C. H. Fancy
Bureau of Air Quality Management
Florida Department of
Environmental Regulation

June 16, 1988
Page 2

LIME PLANT

AC27-091426
AC27-091427
AC27-091429

AC27-091430
AC27-091432
AC27-091433

COAL STORAGE

AC27-117650

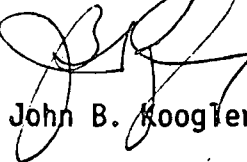
The emission points covered by the cement plant permits have been constructed and operated. Compliance testing has either been completed or will soon be completed on these emission points. Similarly, the coal storage areas has been completed and compliance testing has been conducted on this area. Compliance test reports and Certificates of Completion of Construction will be prepared for all cement plant and coal storage emission points within the next few months and submitted to the Department. The power plant and lime plant are expected to begin commercial operations in August 1988 and will be tested as soon thereafter as practical. The requested extension to the expiration date of the constructions permits covering these emission points is to allow the compliance testing to be completed, the Certificates of Completion of Construction to be completed and forwarded to your office and operating permits processed.

The power plant portion of the C/P/L complex was permitted under the Power Plant Siting Act by Permit PA82-17. It is our understanding that no special action is required to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOOGLER & ASSOCIATES

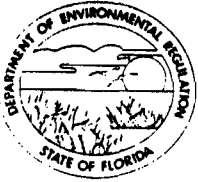


John B. Koogler, Ph.D., P.E.

JBK:wa

cc: Mr. W. C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

*Copied: Ailboud H. ... } 6-20-80
CHF/BT*



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Dale Twachtmann
FROM: Steve Smallwood *[Signature]*
SUBJ: Amendment of Florida Crush Stone Permits
DATE: July 5, 1988

Attached for your approval and signature is a letter prepared by Central Air Permitting to extend the construction permits issued to the above mentioned company for a cement plant, lime plant, and coal storage facility. The facility is located in Hernando County, Florida.

I recommend your approval and signature.

SS/aqm/wh

attachments

RECEIVED

JUL 7 1988

DER - BAQM

PM

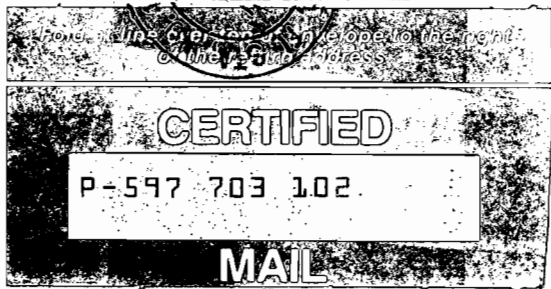
6-17-88

file copy



KOOGLER & ASSOCIATES, Environmental Services

4014 N.W. 13th Street • Gainesville, Florida 32609 • 904/377-5822



KA 307-86-04

June 16, 1988

RECEIVED

JUN 20 1988

DER-BAQM

Mr. C. H. Fancy
Bureau of Air Quality Management
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Cement/Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company has been issued 24 air construction permits for the construction of a cement/power/lime (C/P/L) plant in Hernando County near Brooksville, Florida. Seventeen of the permits were issued for the cement plant, six permits were issued for the lime plant and one permit was issued for the coal storage area. The expiration date of these permits was extended from December 31, 1987 to June 30, 1988, in accordance with our request dated November 23, 1987.

By this letter, I am requesting, on behalf of the Florida Crushed Stone Company, that the expiration dates on all 24 air construction permits again be extended; from June 30, 1988 to December 31, 1988. The permits for which the extensions are requested are:

CEMENT PLANT

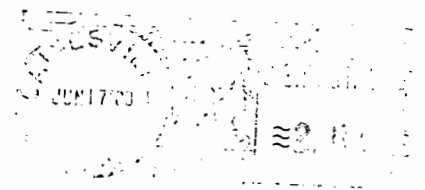
- | | |
|-------------|-------------|
| AC27-118672 | AC27-118683 |
| AC27-118673 | AC27-118684 |
| AC27-118674 | AC27-118685 |
| AC27-118675 | AC27-118686 |
| AC27-118676 | AC27-118687 |
| AC27-118677 | AC27-118688 |
| AC27-118678 | AC27-118689 |
| AC27-118680 | AC27-118690 |
| AC27-118681 | |



KOOGLER & ASSOCIATES, *Environmental Services*

4014 N.W. 13th Street • Gainesville, Florida 32609 • 904/377-5822

RETURN RECEIPT REQUESTED



RETURN RECEIPT REQUESTED

Mr. C.H. Fancy
Bureau of Air Quality Management
Florida Department
of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400



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Mr. C. H. Fancy
Bureau of Air Quality Management
Florida Department of
Environmental Regulation

June 16, 1988
Page 2

LIME PLANT

AC27-091426
AC27-091427
AC27-091429

AC27-091430
AC27-091432
AC27-091433

COAL STORAGE

AC27-117650

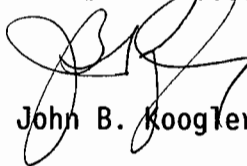
The emission points covered by the cement plant permits have been constructed and operated. Compliance testing has either been completed or will soon be completed on these emission points. Similarly, the coal storage areas has been completed and compliance testing has been conducted on this area. Compliance test reports and Certificates of Completion of Construction will be prepared for all cement plant and coal storage emission points within the next few months and submitted to the Department. The power plant and lime plant are expected to begin commercial operations in August 1988 and will be tested as soon thereafter as practical. The requested extension to the expiration date of the constructions permits covering these emission points is to allow the compliance testing to be completed, the Certificates of Completion of Construction to be completed and forwarded to your office and operating permits processed.

The power plant portion of the C/P/L complex was permitted under the Power Plant Siting Act by Permit PA82-17. It is our understanding that no special action is required to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOUGLER & ASSOCIATES



John B. Koogler, Ph.D, P.E.

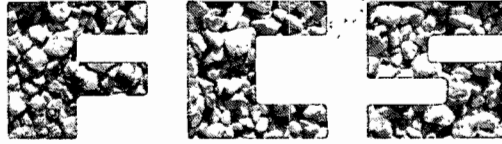
JBK:wa

cc: Mr. W. C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

*copied: Millard Hanks } 6-20-80
CITF/BT*

PM
6-20-88
Brooksville, FL

file copy



FLORIDA CRUSHED STONE COMPANY

CEMENT / POWER / LIME PLANT

RECEIVED

June 15, 1988

JUN 22 1988

DER-BAQM

Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400

Mr. Fancy:

Pursuant to the new specific conditions that were added to the extension of the construction permits for Florida Crushed Stone, Cement/Power/Lime project, the attachment hereto shall identify and provide the status for each permitted source.

If you should have any questions, please contact me at (904) 799-7881, thank you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Steven D. Sandbrook'.

Steven D. Sandbrook
Safety & Environmental Manager

SDS/dak

- Enclosure: 1. Permit status rpt.
2. DER letter dated Dec. 9, 1987 from Mr. Twachtmann

cc: Fred Crabill, FCS
William A. Nelson, FCS
William Thomas, SW District DER
John Koogler, P.E.
file

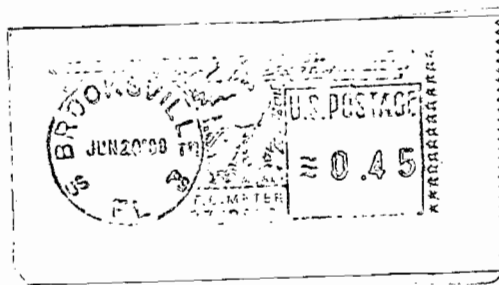
copied: Stillard } 6-22-88
 Hanks }
 CHF/BT

FLORIDA CRUSHED STONE

CEMENT / POWER / LIME DIV.
P.O. Box 1508 • 10311 Cement Plant Rd.
Brooksville, FL 34601



TO: Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400



June 15, 1988

FLORIDA CRUSHED STONE - CEMENT/POWER/LIME

Status Report For May 15, 1988 Through June 15, 1988

Permit No.

AC27-118672, AC27-118673, AC27-118675, AC27-118676, AC27-118677, AC27-118678, AC27-118680, AC27-118681, AC27-118683, AC27-118684, AC27-118685, AC27-118686, AC27-118687, AC27-118688, AC27-118689, AC27-118690, AC27-117650

Status:

The above referenced permits cover emission points which have been constructed and operated during the past month and are expected to be operated in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. All of those referenced permits have undergone visual emission compliance testing during the month of December 1987.

Permit No:

AC27-118674

Status:

The above referenced permit covers an emission point which has been constructed and operated during the past month and is expected to operate in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. This referenced permit has undergone visual emission testing for opacity, and SO₂ compliance testing. A test for NOx was attempted May 4, 1988. Unfortunately, the cement plant incurred some operational problems which caused us to cut the feed rate drastically and shut down our raw mill. When this occurred, I made the decision to void the test due to the fact that we would be sampling in an abnormal state. Another NOx test is to be run the latter part of this month.

Permit No:

AC27-091426, AC27-091427, AC27-091429, AC27-091430, AC27-091432, AC27-091433

Status:

The above referenced permits cover emission points which have been constructed, but NOT operated. The lime plant has not been put "on-line" and is not expected to until August 1988.

DEPARTMENT OF ENVIRONMENTAL REGULATION

R 12-16-87

TWO SEVENTH FLOOR BUILDING
200 N. FLORIDA AVENUE, ROOM
1111 TAMPA, FLORIDA 33602-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHMANN
SECRETARY

December 9, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

Dear Mr. Gregg:

Re: Amendment of Construction Permits

The Department is in receipt of John B. Koogler's November 23, 1987, letter requesting the permits to construct your cement plant, lime plant, and coal storage facility be extended to allow additional time for the compliance testing to be completed, the Certificate of Completion of Construction to be completed and forwarded to the Department's Southwest District office, and the permits to operate to be processed. This request is acceptable, with conditions, and the expiration dates of the following construction permits are extended from December 31, 1987, to June 30, 1988.

Permit No.	Description
<u>CEMENT PLANT</u>	
AC 27-118672	filter dust bins
AC 27-118673	fly ash bins
AC 27-118674	cement kiln, clinker cooler, dryer and raw mill
AC 27-118675	raw mill transfer
AC 27-118676	limerock bin
AC 27-118677	blending silo
AC 27-118678	kiln feed surge bin
AC 27-118680	clinker handling
AC 27-118681	contaminated flyash and filter dust bin
AC 27-118683	iron ore bin
AC 27-118684	cooler discharge
AC 27-118685	clinker silo
AC 27-118686	gypsum and limestone bins

BEST AVAILABLE COPY

Mr. Browne Gregg
Page Two
December 9, 1987

AC 27-118687	silo discharge
AC 27-118688	finish mill
AC 27-118689	cement silo discharge
AC 27-118690	cement silo

LIME PLANT

AC 27-091426	limestone screening
AC 27-091427	limestone fines storage bins
AC 27-091429	lime dust storage bin
AC 27-091430	limestone storage silo B
AC 27-091432	lime shipping baghouse
AC 27-091433	lime storage bins

COAL STORAGE

AC 27-117650	coal handling
--------------	---------------

The following two new specific conditions are added to each of the extended construction permits for this facility.

- A. Until a complete application for permit to operate this source is received by the SW District, the permittee shall submit monthly status reports by the 15th of each month, beginning in February 1988, listing what action was taken on this source during the preceding month and what action is schedule for the next month.
- B. This source shall not be operated commercially unless the emissions are in compliance with all emission standards listed in the specific conditions of the construction permit.

Attachment to be Incorporated:

11. Letter of John B. Koogler dated November 23, 1987.

BEST AVAILABLE COPY

Mr. Browne Gregg
Page Three
December 9, 1987

A copy of this letter must be attached to each of the listed permits and shall become part of those permits.

Sincerely,



Dale Twachtmann
Secretary

DT/ks

cc: John B. Koogler, P.E.
William C. Thomas, SW District
Fred Crabill, FCS

ATTACHMENT 11

Gainesville, FL

Ka

KOOGLER & ASSOCIATES, Environmental Services

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 307-86-04

November 23, 1987

DER

NOV 24 1987

AQM

Mr. C.H. Fancy
Bureau of Air Quality Management
Florida Department
of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Cement/Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company has been issued 24 air construction permits for the construction of a cement/power/lime (C/P/L) plant in Hernando County near Brooksville, Florida. Seventeen of the permits were issued for the cement plant, six permits were issued for the lime plant and one permit was issued for the coal storage area. By letter from the Department, dated April 6, 1987 (copy attached), the expiration date of these permits was extended from June 30, 1987 to December 31, 1987.

By this letter, I am requesting on behalf of the Florida Crushed Stone Company that the expiration dates on all 24 air construction permits again be extended; from December 31, 1987 to June 30, 1988. The permits for which the extension is requested are:

CEMENT PLANT

- | | |
|-------------|-------------|
| AC27-118672 | AC27-118683 |
| AC27-118673 | AC27-118684 |
| AC27-118674 | AC27-118685 |
| AC27-118675 | AC27-118686 |
| AC27-118676 | AC27-118687 |
| AC27-118677 | AC27-118688 |
| AC27-118678 | AC27-118689 |
| AC27-118680 | AC27-118690 |
| AC27-118681 | |

Mr. C.H. Fancy
Bureau of Air Quality Management

November 23, 1987
Page 2

LI ME PLANT

AC27-091426
AC27-091427
AC27-091429

AC27-091430
AC27-091432
AC27-091433

COAL STORAGE

AC27-337650

The emission points covered by the cement plant permits have been constructed and operated. Compliance testing has either been completed or will soon be completed on these emission points. Similarly, the coal storage area has been completed and compliance testing has been conducted on this area. Compliance test reports and Certificates of Completion of Construction will be prepared for all cement plant and coal storage emission points within the next few months and submitted to the Department. The requested extension to the expiration date of the construction permits covering these emission points is to allow the compliance testing to be completed, the Certificates of Completion of Construction to be completed and forwarded to your office and operating permits processed.

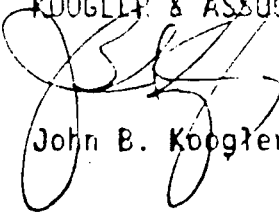
The emission points in the lime plant are being constructed and will operate in conjunction with the power plant. The start-up of the power plant/lime plant is expected in early 1988. The compliance tests on the lime plant emission points will be conducted soon after the power plant/lime plant complex is on-line. Test reports for these compliance tests and Certificates of Completion of Construction will be forwarded to the Department as soon thereafter as practical.

The power plant portion of the C/P/L complex was permitted under the Power Plant Siting Act by Permit PAB2-17. It is our understanding that no special action is required to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOOGLER & ASSOCIATES


John B. Koogler, Ph.D., P.E.

JBK:mab

cc: Mr. W.C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

Copyed. without Number }
CHF/BT } 12/1/87

1-111
6-20-88
Brooksville, FL



file copy

FLORIDA CRUSHED STONE COMPANY

CEMENT / POWER / LIME PLANT

RECEIVED

June 15, 1988

JUN 22 1988

DER - BAQM

Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400

Mr. Fancy:

Pursuant to the new specific conditions that were added to the extension of the construction permits for Florida Crushed Stone, Cement/Power/Lime project, the attachment hereto shall identify and provide the status for each permitted source.

If you should have any questions, please contact me at (904) 799-7881, thank you.

Sincerely,

Steven D. Sandbrook
Safety & Environmental Manager

SDS/dak

Enclosure: 1. Permit status rpt.
2. DER letter dated Dec. 9, 1987 from Mr. Twachtmann

cc: Fred Crabill, FCS
William A. Nelson, FCS
William Thomas, SW District DER
John Koogler, P.E.
file

*copied: Stillard Hanks } 6-22-88
CHF/BT*

June 15, 1988

FLORIDA CRUSHED STONE - CEMENT/POWER/LINE

Status Report For May 15, 1988 Through June 15, 1988

Permit No.

AC27-118672, AC27-118673, AC27-118675, AC27-118676, AC27-118677, AC27-118678, AC27-118680, AC27-118681, AC27-118683, AC27-118684, AC27-118685, AC27-118686, AC27-118687, AC27-118688, AC27-118689, AC27-118690, AC27-117650

Status:

The above referenced permits cover emission points which have been constructed and operated during the past month and are expected to be operated in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. All of those referenced permits have undergone visual emission compliance testing during the month of December 1987.

Permit No:

AC27-118674

Status:

The above referenced permit covers an emission point which has been constructed and operated during the past month and is expected to operate in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. This referenced permit has undergone visual emission testing for opacity, and SO₂ compliance testing. A test for NOx was attempted May 4, 1988. Unfortunately, the cement plant incurred some operational problems which caused us to cut the feed rate drastically and shut down our raw mill. When this occurred, I made the decision to void the test due to the fact that we would be sampling in an abnormal state. Another NOx test is to be run the latter part of this month.

Permit No:

AC27-091426, AC27-091427, AC27-091429, AC27-091430, AC27-091432, AC27-091433

Status:

The above referenced permits cover emission points which have been constructed, but NOT operated. The lime plant has not been put "on-line" and is not expected to until August 1988.

BEST AVAILABLE COPY
DEPARTMENT OF ENVIRONMENTAL REGULATION

FOR OFFICIAL USE ONLY
DO NOT RELEASE TO THE PUBLIC
UNLESS AUTHORIZED BY THE SECRETARY



FOR MARTINEZ
GOVERNOR
DALE TWACHSMAN
SECRETARY

December 9, 1987

CLASSIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

Dear Mr. Gregg:

Re: Amendment of Construction Permits

The Department is in receipt of John B. Koogler's November 23, 1987, letter requesting the permits to construct your cement plant, lime plant, and coal storage facility be extended to allow additional time for the compliance testing to be completed, the Certificate of Completion of Construction to be completed and forwarded to the Department's Southwest District office, and the permits to operate to be processed. This request is acceptable, with conditions, and the expiration dates of the following construction permits are extended from December 31, 1987, to June 30, 1988.

Permit No.	Description
<u>CEMENT PLANT</u>	
AC 27-118672	filter dust bins
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AC 27-118675	raw mill transfer
AC 27-118676	limerock bin
AC 27-118677	blending silo
AC 27-118678	kiln feed surge bin
AC 27-118680	clinker handling
AC 27-118681	contaminated flyash and filter dust bin
AC 27-118683	iron ore bin
AC 27-118684	cooler discharge
AC 27-118685	clinker silo
AC 27-118686	gypsum and limestone bins

Mr. Brown Group
 Page Two
 December 9, 1987

AC 27-118687	silo discharge
AC 27-118688	finish mill
AC 27-118689	cement silo discharge
AC 27-118690	cement silo

LIME PLANT

AC 27-091426	limestone screening
AC 27-091427	limestone fines storage bins
AC 27-091429	lime dust storage bin
AC 27-091430	limestone storage silo E
AC 27-091432	lime shipping baghouse
AC 27-091433	lime storage bins

COAL STORAGE

AC 27-117650	coal handling
--------------	---------------

The following two new specific conditions are added to each of the extended construction permits for this facility.

- A. Until a complete application for permit to operate this source is received by the SW District, the permittee shall submit monthly status reports by the 15th of each month, beginning in February 1988, listing what action was taken on this source during the preceding month and what action is schedule for the next month.
- B. This source shall not be operated commercially unless the emissions are in compliance with all emission standards listed in the specific conditions of the construction permit.

Attachment to be Incorporated:

11. Letter of John B. Kooçler dated November 23, 1987.

Mr. Browne Gregg
Page Three
December 9, 1967

A copy of this letter must be attached to each of the listed permits and shall become part of those permits.

Sincerely,



Dale Twachtmann
Secretary

DT/ks

cc: John B. Koogler, P.E.
William C. Thomas, SW District
Fred Crabill, FCS

ATTACHMENT 11

Ka

KOOGLER & ASSOCIATES, Environmental Services

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 307-88-04

November 23, 1987

DER

NOV 24 1987

LAQM

Mr. C.H. Fancy
 Bureau of Air Quality Management
 Florida Department
 of Environmental Regulation
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

Subject: Hernando County-AP
 Florida Crushed Stone Company
 Cement/Power/Lime Plant
 Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company has been issued 24 air construction permits for the construction of a cement/power/lime (C/P/L) plant in Hernando County near Brooksville, Florida. Seventeen of the permits were issued for the cement plant, six permits were issued for the lime plant and one permit was issued for the coal storage area. By letter from the Department, dated April 6, 1987 (copy attached), the expiration date of these permits was extended from June 30, 1987 to December 31, 1987.

By this letter, I am requesting on behalf of the Florida Crushed Stone Company that the expiration dates on all 24 air construction permits again be extended; from December 31, 1987 to June 30, 1988. The permits for which the extension is requested are:

CEMENT PLANT

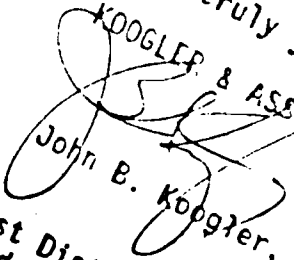
AC27-118672	AC27-118683
AC27-118673	AC27-118684
AC27-118674	AC27-118685
AC27-118675	AC27-118686
AC27-118676	AC27-118687
AC27-118677	AC27-118688
AC27-118678	AC27-118689
AC27-118680	AC27-118690
AC27-118681	

1530
091432
027-091433


covered by the cement plant permits have been completed or compliance test reports and Certificates of Completion of emission points will be prepared for all and submitted to the Department of Conservation and Forestry. Similarly, the coal storage area has been completed and compliance test reports and Certificates of Completion of emission points will be prepared for all and submitted to the Department of Conservation and Forestry. The start-up of the power plant is expected in early 1988. The compliance tests on the power plant complex is on-line. Test reports for these compliance points in the line plant are being constructed and will be forwarded to your office and operating permits processed. Completion of construction of the power plant is expected in early 1988. The compliance tests on the power plant complex is on-line. Test reports for these compliance points in the line plant are being constructed and will be forwarded to your office and operating permits processed. Completion of construction of the power plant is expected in early 1988. The compliance tests on the power plant complex is on-line. Test reports for these compliance points in the line plant are being constructed and will be forwarded to your office and operating permits processed.

portion of the C/P/L complex was permitted under the Power Plant Construction Permit PAB2-17. It is our understanding that no portion of the C/P/L complex is being constructed and will be forwarded to your office and operating permits processed. Completion of construction of the power plant is expected in early 1988. The compliance tests on the power plant complex is on-line. Test reports for these compliance points in the line plant are being constructed and will be forwarded to your office and operating permits processed.

Very truly yours,

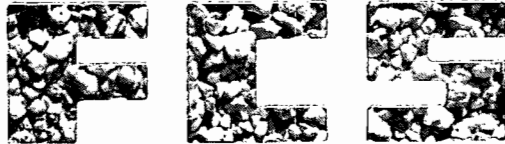

 KOOGLER & ASSOCIATES
 John B. Koogler, Ph.D., P.E.

Southwest District Office
 Crushed Stone Co., Leesburg
 Crushed Stone Co., Leesburg
 Crushed Stone Co., C/P/L, Brooksville
 Crushed Stone Co., C/P/L, Brooksville

KOOGLER  ASSOCIATES

PM
April 15, 1988
Tampa, FL

file copy



FLORIDA CRUSHED STONE COMPANY
CEMENT / POWER / LIME PLANT

RECEIVED

April 14, 1988

APR 18 1988

DER - BAQM

Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400

Mr. Fancy:

Pursuant to the new specific conditions that were added to the extension of the construction permits for Florida Crushed Stone, Cement/Power/Lime project, the attachment hereto shall identify and provide the status for each permitted source.

If you should have any questions, please contact me at (904) 799-7881, thank you.

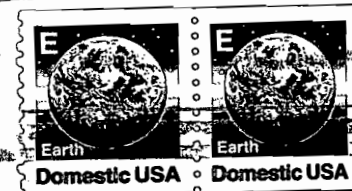
Sincerely,

Steven D. Sandbrook
Safety & Environmental Manager

SDS/dar

- Enclosure: 1. Permit status rpt.
2. DER letter dated Dec. 9, 1987 from Mr. Twachtmann

- cc: Fred Crabill, FCS
William A. Nelson, FCS
William Thomas, SW District DER
John Koogler, P.E.



FLORIDA CRUSHED STONE

CEMENT / POWER / LIME DIV.

P.O. Box 1508 • 10311 Cement Plant Rd.

Brooksville, FL 34601



TO: Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400

April 14, 1988

FLORIDA CRUSHED STONE - Cement/Power/Lime

Status Report For January 1, 1988 Through February 29, 1988

Permit No.

Cement prod + coal handling

AC27-118672, AC27-118673, AC27-118675, AC27-118676, AC27-118677, AC27-118678, AC27-118680, AC27-118681, AC27-118683, AC27-118684, AC27-118685, AC27-118686, AC27-118687, AC27-118688, AC27-118689, AC27-118690, AC27-117650

Status:

The above referenced permits cover emission points which are constructed and have been operated during the past month and are expected to be operated in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. All of those referenced permits have undergone visual emission compliance testing during the month of December 1987.

Permit No:

AC27-118674 - *Cement Feeder, Chiller Cooler*

Status:

The above referenced permit covers an emission point which has been constructed and operated during the past month and is expected to operate in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. This referenced permit has undergone visual emission testing for opacity, SO₂ compliance testing. The NOx test scheduled for March had to be postponed due to the steam blow phase of the start-up of the power house. We expect to conduct the NOx test the week of April 25th.

Permit No:

Lime Plant

AC27-091426, AC27-091427, AC27-091429, AC27-091430, AC27-091432, AC-091433

Status:

The above referenced permits cover emission points which have been constructed, but NOT operated. The lime plant has not been put "on-line" and is not expected to until possibly June 1988.

Copied: BT

Willard Harts } 4-19-88 (M)

AC expires June 30, 1988

RECEIVED
12-14-87

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

December 9, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

Dear Mr. Gregg:

Re: Amendment of Construction Permits

The Department is in receipt of John B. Koogler's November 23, 1987, letter requesting the permits to construct your cement plant, lime plant, and coal storage facility be extended to allow additional time for the compliance testing to be completed, the Certificate of Completion of Construction to be completed and forwarded to the Department's Southwest District office, and the permits to operate to be processed. This request is acceptable, with conditions, and the expiration dates of the following construction permits are extended from December 31, 1987, to June 30, 1988.

Permit No.	Description
<u>CEMENT PLANT</u>	
AC 27-118672	filter dust bins
AC 27-118673	fly ash bins
AC 27-118674	cement kiln, clinker cooler, dryer and raw mill
AC 27-118675	raw mill transfer
AC 27-118676	limerock bin
AC 27-118677	blending silo
AC 27-118678	kiln feed surge bin
AC 27-118680	clinker handling
AC 27-118681	contaminated flyash and filter dust bin
AC 27-118683	iron ore bin
AC 27-118684	cooler discharge
AC 27-118685	clinker silo
AC 27-118686	gypsum and limestone bins

Mr. Browne Gregg
Page Two
December 9, 1987

AC 27-118687	silo discharge
AC 27-118688	finish mill
AC 27-118689	cement silo discharge
AC 27-118690	cement silo

LIME PLANT

AC 27-091426	limestone screening
AC 27-091427	limestone fines storage bins
AC 27-091429	lime dust storage bin
AC 27-091430	limestone storage silo B
AC 27-091432	lime shipping baghouse
AC 27-091433	lime storage bins

COAL STORAGE

AC 27-117650	coal handling
--------------	---------------

The following two new specific conditions are added to each of the extended construction permits for this facility.

- A. Until a complete application for permit to operate this source is received by the SW District, the permittee shall submit monthly status reports by the 15th of each month, beginning in February 1988, listing what action was taken on this source during the preceding month and what action is schedule for the next month.
- B. This source shall not be operated commercially unless the emissions are in compliance with all emission standards listed in the specific conditions of the construction permit.

Attachment to be Incorporated:

11. Letter of John B. Koogler dated November 23, 1987.

Mr. Browne-Gregg
Page Three
December 9, 1987

A copy of this letter must be attached to each of the listed permits and shall become part of those permits.

Sincerely,



Dale Twachtmann
Secretary

DT/ks

cc: John B. Koogler, P.E.
William C. Thomas, SW District
Fred Crabill, FCS

ATTACHMENT 11

23 Nov 1987
Gainesville, FL



KOOGLER & ASSOCIATES, Environmental Services

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 307-86-04

November 23, 1987

DER
NOV 24 1987
JAQM

Mr. C.H. Fancy
Bureau of Air Quality Management
Florida Department
of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Cement/Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company has been issued 24 air construction permits for the construction of a cement/power/lime (C/P/L) plant in Hernando County near Brooksville, Florida. Seventeen of the permits were issued for the cement plant, six permits were issued for the lime plant and one permit was issued for the coal storage area. By letter from the Department, dated April 6, 1987 (copy attached), the expiration date of these permits was extended from June 30, 1987 to December 31, 1987.

By this letter, I am requesting on behalf of the Florida Crushed Stone Company that the expiration dates on all 24 air construction permits again be extended; from December 31, 1987 to June 30, 1988. The permits for which the extension is requested are:

CEMENT PLANT

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| AC27-118672 | AC27-118683 |
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| AC27-118675 | AC27-118686 |
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| AC27-118677 | AC27-118688 |
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| AC27-118681 | |

LIME PLANT

AC27-091426
AC27-091427
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AC27-091430
AC27-091432
AC27-091433

COAL STORAGE

AC27-117650

The emission points covered by the cement plant permits have been constructed and operated. Compliance testing has either been completed or will soon be completed on these emission points. Similarly, the coal storage area has been completed and compliance testing has been conducted on this area. Compliance test reports and Certificates of Completion of Construction will be prepared for all cement plant and coal storage emission points within the next few months and submitted to the Department. The requested extension to the expiration date of the construction permits covering these emission points is to allow the compliance testing to be completed, the Certificates of Completion of Construction to be completed and forwarded to your office and operating permits processed.

The emission points in the lime plant are being constructed and will operate in conjunction with the power plant. The start-up of the power plant/lime plant is expected in early 1988. The compliance tests on the lime plant emission points will be conducted soon after the power plant/lime plant complex is on-line. Test reports for these compliance tests and Certificates of Completion of Construction will be forwarded to the Department as soon thereafter as practical.

The power plant portion of the C/P/L complex was permitted under the Power Plant Siting Act by Permit PA82-17. It is our understanding that no special action is required to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

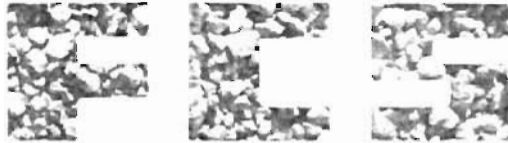
KOOGLER & ASSOCIATES


John B. Koogler, Ph.D., P.E.

JBK:mab

cc: Mr. W.C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

Copied Willard Nembel }
CHF/BT } 12/1/87



3-18-88
Tampa, FL

FLORIDA CRUSHED STONE COMPANY

CEMENT / POWER / LIME PLANT

RECEIVED

March 15, 1988

MAR 18 1988

DER - BAQM

Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400

Mr. Fancy:

Pursuant to the new specific conditions that were added to the extension of the construction permits for Florida Crushed Stone, Cement/Power/Lime project, the attachment hereto shall identify and provide the status for each permitted source.

If you should have any questions, please contact me at (904) 799-7881, thank you.

Sincerely,

Steven D. Sandbrook
Safety & Environmental Manager

SDS/dar

- Enclosure: 1. Permit status rpt.
2. DER letter dated Dec. 9, 1987 from Mr. Twachtmann

- cc: Fred Crabill, FCS
William A. Nelson, FCS
William Thomas, SW District DER
John Koogler, P.E.

Copied: Willard Hank's }
CHF/ST } 3-21-88

March 15, 1988

FLORIDA CRUSHED STONE - Cement/Power/Lime

Status Report For January 1, 1988 Through February 29, 1988

Permit No.

AC27-118672, AC27-118673, AC27-118675, AC27-118676, AC27-118677, AC27-118678,
AC27-118680, AC27-118681, AC27-118683, AC27-118684, AC27-118685, AC27-118686,
AC27-118687, AC27-118688, AC27-118689, AC27-118690, AC27-117650

Status:

The above referenced permits cover emission points which have been constructed and operated during the past month and are expected to be operated in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. All of those referenced permits have undergone visual emission compliance testing during the month of December 1987.

Permit No:

AC27-118674

Status:

The above referenced permit covers an emission point which has been constructed and operated during the past month and is expected to operate in the month to come. Occasionally when market demands for our product are slow or our inventory status is full, we must shut down for a short period of time until it is economically feasible for us to resume operation. This referenced permit has undergone visual emission testing for opacity, SO₂ compliance testing, and will be tested for NO_x emissions by the months end.

Permit No:

AC27-091426, AC27-091427, AC27-091429, AC27-091430, AC27-091432, AC-091433

Status:

The above referenced permits cover emission points which have been constructed, but NOT operated. The lime plant has not been put "on-line" and is not expected to until possibly June 1988.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

R 12-10-87

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

December 9, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

Dear Mr. Gregg:

Re: Amendment of Construction Permits

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Mr. Browne Gregg
Page Two
December 9, 1987

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LIME PLANT

AC 27-091426	limestone screening
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AC 27-091429	lime dust storage bin
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COAL STORAGE

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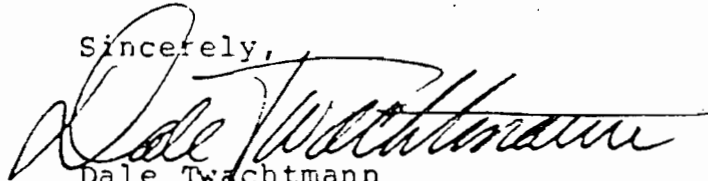
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11. Letter of John B. Koogler dated November 23, 1987.

Mr. Browne Gregg
Page Three
December 9, 1987

A copy of this letter must be attached to each of the listed permits and shall become part of those permits.

Sincerely,

A handwritten signature in cursive script, appearing to read "Dale Twachtmann".

Dale Twachtmann
Secretary

DT/ks

cc: John B. Koogler, P.E.
William C. Thomas, SW District
Fred Crabill, FCS

ATTACHMENT 11

as per file
Gainesville, FL



KOOGLER & ASSOCIATES, Environmental Services

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 307-86-04

November 23, 1987

DER
NOV 24 1987
LAQM

Mr. C.H. Fancy
Bureau of Air Quality Management
Florida Department
of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Cement/Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

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LIME PLANT

AC27-091426
AC27-091427
AC27-091429

AC27-091430
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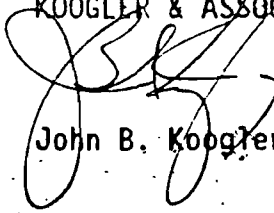
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The power plant portion of the C/P/L complex was permitted under the Power Plant Siting Act by Permit PAB2-17. It is our understanding that no special action is required to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOOGLER & ASSOCIATES


John B. Koogler, Ph.D., P.E.

JBK:mab

cc: Mr. W.C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

copied Willard Nembro }
CHF/BT } 12/1/87

PM
2.15.88
Tampa, FL

file copy



FLORIDA CRUSHED STONE COMPANY

CEMENT / POWER / LIME PLANT

DER

FEB 17

BAQM

February 12, 1988

Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400

Mr. Fancy:

Pursuant to the new specific conditions that were added to the extension of the construction permits for Florida Crushed Stone, Cement/Power/Lime project, the attachment hereto shall identify and provide the status for each permitted source.

If you should have any questions, please contact me at (904) 799-7881, thank you.

Sincerely,

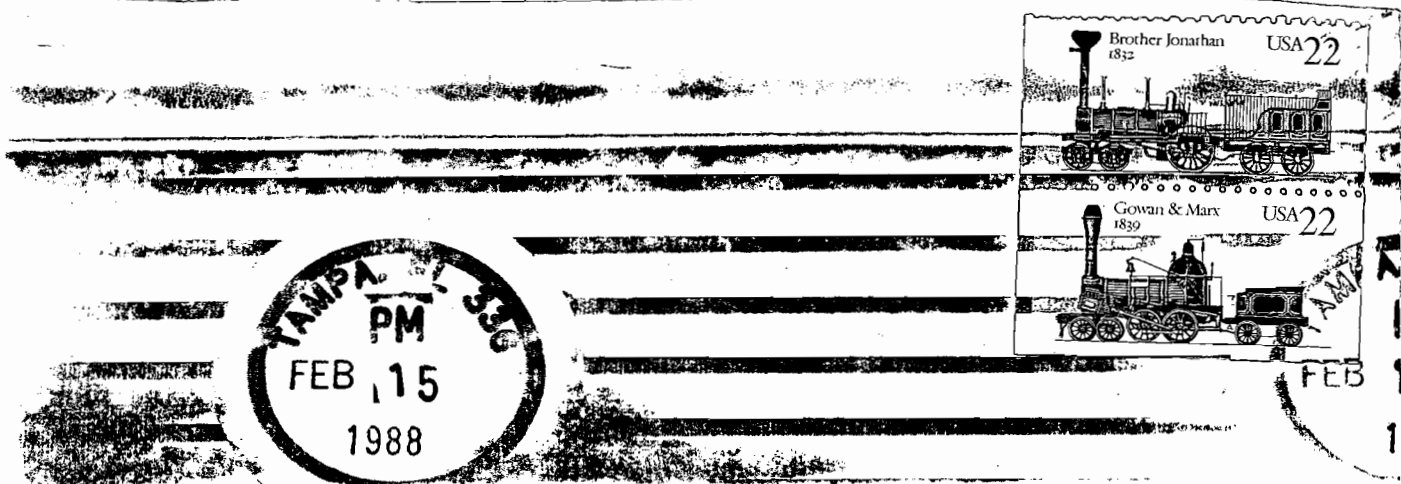
Steven D. Sandbrook
Safety & Environmental Manager

SDS/dar

- Enclosure:
1. Permit status rpt.
 2. DER letter dated Dec. 9, 1987 from Mr. Twachtmann

- cc:
- Fred Crabill, FCS
 - William A. Nelson, FCS
 - William Thomas, SW District DER
 - John Koogler, P.E.

Copied: *Willard Hanks*
CHP/BT } *2.18.88* *(initials)*



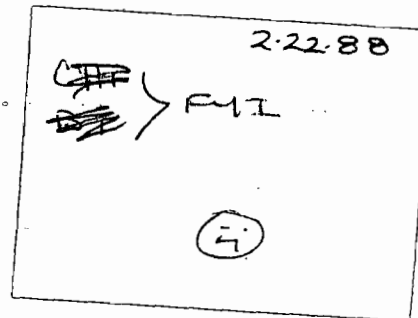
FLORIDA CRUSHED STONE

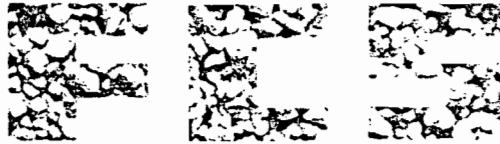
CEMENT / POWER / LIME DIV.

P.O. Box 1508 • 10311 Cement Plant Rd.
Brooksville, FL 33512



TO: Mr. C.H. Fancy
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Rd.
Tallahassee, Fl. 32399-2400





FLORIDA CRUSHED STONE COMPANY

CEMENT / POWER / LIME PLANT

DER

FEB 17

BAQM

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Department of Environmental Regulation
Bureau of Air Quality Management
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- John Koogler, P.E.

Copied: *William Hanks* } 2-18-88 *mm*
CAF/BT

2-19-87

Asked Steven Sandbrook to monitor line system and submit new request for extension or apply permit operate prior to extension expiration (6/30/88).

WMB

February 12, 1988

FLORIDA CRUSHED STONE - Cement/Power/Lime

Status Report For January 1, 1988 Through February 29, 1988

Permit No.

AC27-118672, AC27-118673, AC27-118675, AC27-118676, AC27-118677, AC27-118678,
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AC27-118687, AC27-118688, AC27-118689, AC27-118690, AC27-117650

Status:

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AC27-118674

Status:

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Permit No:

AC27-091426, AC27-091427, AC27-091429, AC27-091430, AC27-091432, AC27-091433

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STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

RECEIVED
12-16-87

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

December 9, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

COPY

Mr. Browne Gregg
Chairman and CEO
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32749

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Mr. Browne Gregg
Page Two
December 9, 1987

COPY

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COAL STORAGE

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Mr. Browne Gregg
Page Three
December 9, 1987

COPY

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Secretary

DT/ks

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William C. Thomas, SW District
Fred Crabill, FCS

COPY

ATTACHMENT 11

23 Nov 1987
Gainesville, FL

see copy



KOOGLER & ASSOCIATES, Environmental Services

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 307-86-04

November 23, 1987

COPY

DER

NOV 24 1987

AQM

Mr. C.H. Fancy
Bureau of Air Quality Management
Florida Department
of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

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AC27-091430
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COPY

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KOOGLER & ASSOCIATES


John B. Koogler, Ph.D., P.E.

JBK:mab

cc: Mr. W.C. Thomas, FDER, Southwest District Office
Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

copied: Willard Nembel }
CHF/BT } 12/1/87

PM
23 Nov. 1987
Gainesville, FL

File Copy



KOOGLER & ASSOCIATES, Environmental Services

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 307-86-04

November 23, 1987

DER
NOV 24 1987
LAQM

Mr. C.H. Fancy
Bureau of Air Quality Management
Florida Department
of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Subject: Hernando County-AP
Florida Crushed Stone Company
Cement/Power/Lime Plant
Extension of Construction Permits

Dear Mr. Fancy:

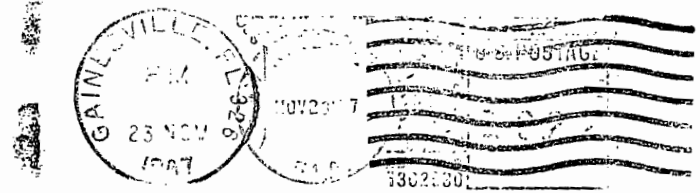
The Florida Crushed Stone Company has been issued 24 air construction permits for the construction of a cement/power/lime (C/P/L) plant in Hernando County near Brooksville, Florida. Seventeen of the permits were issued for the cement plant, six permits were issued for the lime plant and one permit was issued for the coal storage area. By letter from the Department, dated April 6, 1987 (copy attached), the expiration date of these permits was extended from June 30, 1987 to December 31, 1987.

By this letter, I am requesting on behalf of the Florida Crushed Stone Company that the expiration dates on all 24 air construction permits again be extended; from December 31, 1987 to June 30, 1988. The permits for which the extension is requested are:

CEMENT PLANT

- | | |
|-------------|-------------|
| AC27-118672 | AC27-118683 |
| AC27-118673 | AC27-118684 |
| AC27-118674 | AC27-118685 |
| AC27-118675 | AC27-118686 |
| AC27-118676 | AC27-118687 |
| AC27-118677 | AC27-118688 |
| AC27-118678 | AC27-118689 |
| AC27-118680 | AC27-118690 |
| AC27-118681 | |

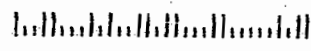
K_a KOOGLER & ASSOCIATES, Environmental Services
1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822



1211187
~~CHF~~ }
~~BT~~ } FYI
④

Mr. C.H. Fancy
FDER, Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

W. J. ...



LIME PLANT

AC27-091426
AC27-091427
AC27-091429

AC27-091430
AC27-091432
AC27-091433

COAL STORAGE

AC27-117650

The emission points covered by the cement plant permits have been constructed and operated. Compliance testing has either been completed or will soon be completed on these emission points. Similarly, the coal storage area has been completed and compliance testing has been conducted on this area. Compliance test reports and Certificates of Completion of Construction will be prepared for all cement plant and coal storage emission points within the next few months and submitted to the Department. The requested extension to the expiration date of the construction permits covering these emission points is to allow the compliance testing to be completed, the Certificates of Completion of Construction to be completed and forwarded to your office and operating permits processed.

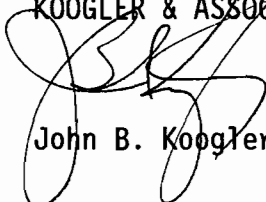
The emission points in the lime plant are being constructed and will operate in conjunction with the power plant. The start-up of the power plant/lime plant is expected in early 1988. The compliance tests on the lime plant emission points will be conducted soon after the power plant/lime plant complex is on-line. Test reports for these compliance tests and Certificates of Completion of Construction will be forwarded to the Department as soon thereafter as practical.

The power plant portion of the C/P/L complex was permitted under the Power Plant Siting Act by Permit PA82-17. It is our understanding that no special action is required to extend or renew this certification.

I appreciate your consideration of this request. If there are any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,

KOUGLER & ASSOCIATES



John B. Koogler, Ph.D., P.E.

JBK:mab

- cc: Mr. W.C. Thomas, FDER, Southwest District Office
- Mr. Dick Entorf, Florida Crushed Stone Co., Leesburg
- Mr. Fred Crabill, Florida Crushed Stone Co., Leesburg
- Mr. Bill Nelson, Florida Crushed Stone Co., C/P/L, Brooksville
- Mr. Steve Sandbrook, Florida Crushed Stone Co., C/P/L, Brooksville

copied: Willard Nembol }
CHF/BT } 12/1/87

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

April 6, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Fred Crabill
Environmental Manager
Florida Crushed Stone Company
Post Office Box 300
Leesburg, Florida 32749

Dear Mr. Crabill:

Re: Application for Construction Permits

The department has received your request for change of expiration date. The request has been granted and the following shall be added or changed.

Not a FCS Permit

Project: AC 27-091426, -091427, -091429, -091430, -091432,
-091433, -091450, -117650, -118672, -118673, -118674, -118675,
-118676, -118677, -118678, -118680, -118681, -118683, -118684,
-118685, -118686, -118687, -118688, -118689, -118690


From: June 30, 1987, Expiration Date
To: December 31, 1987, Expiration Date

Attachment to be Incorporated:

10. Letter of John B. Koogler, March 27, 1987.

This letter must be attached to your construction permits and shall become part of those permits.

Sincerely,


Dale Twachtmann
Secretary

DT/ks

cc: John B. Koogler, P.E.
William C. Thomas

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY

April 6, 1987

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Fred Crabill
Environmental Manager
Florida Crushed Stone Company
Post Office Box 300
Leesburg, Florida 32749

Dear Mr. Crabill:

Re: Application for Construction Permits

The department has received your request for change of expiration date. The request has been granted and the following shall be added or changed.

Project: AC 27-091426, -091427, -091429, -091430, -091432,
-091433, -091450, -117650, -118672, -118673, -118674, -118675,
-118676, -118677, -118678, -118680, -118681, -118683, -118684,
-118685, -118686, -118687, -118688, -118689, -118690


From: June 30, 1987, Expiration Date
To: December 31, 1987, Expiration Date

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10. Letter of John B. Koogler, March 27, 1987.

This letter must be attached to your construction permits and shall become part of those permits.

Sincerely,


Dale Twachtmann
Secretary

DT/ks

cc: John B. Koogler, P.E.
William C. Thomas

12-11-87



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

Office of the Secretary

Interoffice Memorandum

TO: Dale Twachtmann

THRU: Howard L. Rhodes

FROM: Clair Fancy *att* > 8-1344 when signed

DATE: April 6, 1987

SUBJ: Approval and Signature of an Amendment to Construction Permits AC 27-091426, -091427, -091429, -091430, -091432, -091433, -091450, -117650, -118672, -118673, -118674, -118675, -118676, -118677, -118678, -118680, -118681, -118683, -118684, -118685, -118686, -118687, -118688, -118689, and -118690, for Florida Crushed Stone Company, issued March 5, 1985.

FOR ROUTING TO OTHER THAN THE ADDRESSEE	
To: _____	LOCN: _____
To: _____	LOCN: _____
To: _____	LOCN: _____
FROM: _____	DATE: _____

Enclosed is an amendment to the referenced construction permits and the bureau recommends approval.

CHF/MH/s



KOOGLER & ASSOCIATES, *Environmental Services*

1213 NW 6th Street • Gainesville, Florida 32601 • 904/377-5822

KA 307-86-04

March 26, 1987

DER
MAR 27 1987
BAQM

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. C. H. Fancy
Florida Department of
Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32301

Subject: Florida Crushed Stone Company
Brooksville, Florida CPL Plant
Air Construction Permits

Dear Mr. Fancy:

The Florida Crushed Stone Company (FCS) has been issued 24 air construction permits for a cement/power/lime (CPL) plant being constructed northwest of Brooksville, Florida. The expiration date on seven of these permits is March 30, 1987 and the expiration date on the remaining 17 is June 30, 1986. Part of the plant is completed and production performance tests are underway. The remaining part of the plant is due for completion within the next month. By this letter, we are requesting that the expiration date on all of the air construction permits be extended to September 30, 1987. This will give FCS adequate time to conduct all necessary compliance testing and to submit applications for air operating permits to the Department.

The permits for which we are requesting an expiration date extension are:

- AC27-091426 - Limestone screening
- AC27-091427 - Limestone fines storage bin
- AC27-091429 - Lime dust storage bin
- AC27-091430 - Limestone storage silo B
- AC27-091432 - Lime shipping baghouse
- AC27-091433 - Lime storage silo A
- AC27-117650 - Coal handling
- AC27-118672 - Filter dust bins

Mr. C. H. Fancy
Florida Department of
Environmental Regulation

March 26, 1987

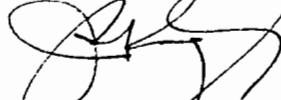
Page 2

- AC27-118673 - Fly ash bins
- AC27-118674 - Cement kiln, clinker cooler, dryer and raw mill
- AC27-118675 - Raw meal transfer
- AC27-118676 - Limerock bin
- AC27-118677 - Blending silo
- AC27-118678 - Kiln feed surge bin
- AC27-118680 - Clinker handling
- AC27-118681 - Contaminated fly ash and filter dust bin
- AC27-118683 - Iron ore bin
- AC27-118684 - Cooler discharge
- AC27-118685 - Clinker silo
- AC27-118686 - Gypsum and limestone bins
- AC27-118687 - Silo discharge
- AC27-118688 - Finish mill
- AC27-118689 - Cement silo discharge
- AC27-118690 - Cement silo

If there are any questions regarding this request, please do not hesitate to contact me.

Very truly yours,

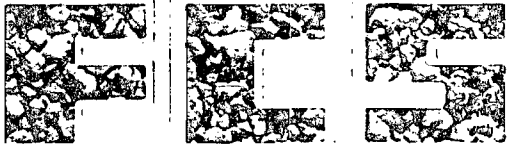
KOOGLER & ASSOCIATES



John B. Koogler, Ph.D., P.E.

JBK:app

cc: Mr. Dick Entorf
Mr. Fred Crabill



Received DER

SEP 4 1986

FLORIDA CRUSHED STONE COMPANY

PPS

September 2, 1986

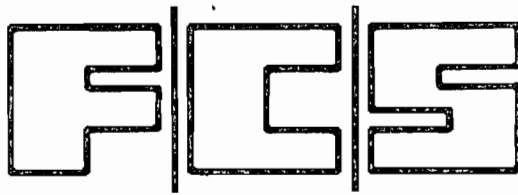
Mr. Hamilton S. Oven
Power Plant Siting Administrator
Florida Department of
Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32301

Subject: Florida Crushed Stone Company
Brooksville Cogeneration Facility
Final Order Modifying Conditions of Certification

Dear Mr. Oven:

On June 29, 1986, the Department of Environmental Regulation (Department) entered the Final Order modifying the conditions of certification for the cogeneration facility proposed by the Florida Crushed Stone Company in Brooksville, Florida. In reviewing the Final Order, minor discrepancies were noted in Section 1.A.15 of the certification conditions related to materials handling operations associated with the lime plant.

The hourly and annual particulate matter emission rates for these operations appearing in the Department's Final Order are the rates that originally appeared in the construction permit applications for the six affected operations. On March 10, 1986, however, Dr. Koogler requested that the Department's Bureau of Air Quality Management (BAQM) amend each of the six air pollution construction source permits referenced in Section 1.A.15 of the certification conditions to reflect "as built" conditions. A copy of Dr. Koogler's letter of March 10 to the Department is attached hereto. The BAQM is presently amending each of the permits as requested in Dr. Koogler's letter. It will be noted in the attachment to Dr. Koogler's letter that the revisions to the six permits for the lime plant generally address changes in the air flow rate in each of the systems. Since the hourly and annual particulate matter emission rate associated with each operation is dependent upon the air flow rate, the hourly and annual particulate matter emission rates will change.



Mr. Hamilton S. Owen
Florida Department of
Environmental Regulation

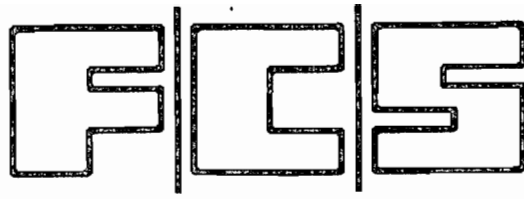
September 2, 1986
Page 2

Following is Condition 1.A.15 as it appears in the Department's Final Order dated June 29, 1986 revised to show the hourly and annual particulate matter emission rates requested in Dr. Koogler's letter of March 10, 1986 to the Department :

15. Particulate emissions from the following sources shall not exceed the following limits:

Source	Permit No.	Emissions	
		(T/Yr)	(Lb/Hr)
Limestone Screening Baghouse	+ AC27-091426	3-0 ^{0.15}	<u>1.5</u> 0-77 <u>0.4</u>
Limestone Storage Bin	+ AC27-091427	3-0 ^{6.8}	<u>9.6</u> 0-77 <u>2.4</u>
Limestone Storage Bin	AC27-091429	4-6 ^{1.4}	<u>3.2</u> 1-16 <u>0.8</u>
Limestone Storage Silo - B	AC27-091430	2-4 ^{0.9}	<u>1.5</u> 0-64 <u>0.4</u>
Limestone Silo Discharge and Baghouse	AC27-091432	2-4 ^{2.9}	<u>5.1</u> 0-64 <u>1.3</u>
Limestone Storage Silo - B	AC27-091433	2-4 ^{0.3}	<u>2.7</u> 0-64 <u>0.7</u>

As summarized in Dr. Koogler's letter of March 10, 1986, the revised particulate matter emission rates associated with the lime plant permits addressed in Condition 1.A.15 of the conditions of certification, when combined with revisions requested in particulate matter emission rates in other permits associated with the cogeneration facility, will result in a net increase of particulate matter emission of 11.8 tons per year. This increase is less than the de minimis particulate matter increase of 25 tons per year defined by Rule 17-2.500 (2) (e2), FAC. Because of the de minimis nature of the particulate matter increases, the requested revisions can be incorporated in to the respective air permits by the Department without a PSD review.



Mr. Hamilton S. Oven
Florida Department of
Environmental Regulation

September 2, 1986
Page 3

I apologize for not having brought these revisions to your attention prior to the Final Order being entered. I would appreciate your effort to modify the Conditions of Certification to reflect the revised particulate matter emission rates. FCS will be glad to provide any additional information that might be required to assist you in this matter.

Very truly yours,

A handwritten signature in cursive script, reading "Fred Crabill".

Fred Crabill
Environmental Manager

ls

Enclosures

cc: Richard Entorf
Lawrence Sellers
John Koogler
Bill Nelson



July 24, 1986

DER

JUL 25 1986

BAQM

Mr. C. H. Fancy, Deputy Director
Florida Department of Environmental
Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, FL 32301

Subject: Florida Crushed Stone Company
Cement/Power/Lime Plant
Hernando County, Florida

Dear Mr. Fancy:

I have reviewed the Technical Evaluations and Preliminary Determinations for 18 air construction permits that the Department intends to reissue to the Florida Crushed Stone Company (for a Cement/Power/Lime (CPL) plant in Hernando County, Florida. I am requesting that the following modifications be considered to the various permits to make the permit consistent with information contained in the permit application and/or to relieve an operating burden on the Florida Crushed Stone Company. The modifications requested to individual permits follow.

SOURCE	PERMIT #	REQUESTED MODIFICATION
Coal Handling	AC27-117650	It is requested that the maximum opacity of unconfined particulate matter emissions generated during the storage and handling of coal be increased from 5 percent (no noticeable visible emissions) to 10-20 percent. It is an unreasonable burden to expect FCS to handle over 500,000 tons of coal per year with no noticeable visible emissions. In the application for

Permit AC27-117650, FCS specified the technology and work practice standards that will be used to control particulate matter emissions and furthermore, provided an estimate of the magnitude of unconfined particulate matter emissions. The emissions estimates, based on the technology and work practice standards, demonstrated that particulate matter emissions from coal handling will be in the range of 3.3 tons per year. There is no assurance that under some conditions, the opacity of emissions may be noticeable, but there is every reason to believe that the magnitude of emissions over an annual period will be in the range of 3.3 tons per year; a very low emission rate by air quality management standards. In addition to the low expected particulate matter emission rate, it should also be recognized that the CPL plant is over one kilometer from the nearest FCS property line. Particulate matter emissions having an opacity of 10-20 percent at the source will not be visible from the FCS property line and furthermore, virtually all of the unconfined emissions would be expected to settle to the ground before reaching the property line.

Because of the low emission rate, the distance from the CPL plant to the nearest property line, and the difficulty of assuring continuous operations with "no noticeable visible emissions", it is requested that the maximum allowable opacity of visible emissions associated with coal handling be increased to 10-20 percent.

Filter Dust Bins	AC27-118672	The particulate matter emission rate specified in the permit should be increased from 0.6 to 0.7 pounds per hour to be consistent with information provided in the permit application. Additionally, it is requested that the department allow Florida Crushed Stone to demonstrate compliance with the particulate matter emission limit for this source with EPA Method 9 (visible emissions) rather than EPA Method 5 (particulate matter mass emission rate test). Since the subject source is a minor particulate matter source equipped with a baghouse and the opacity of visible emissions is limited to 5 percent by permit condition, the request to demonstrate compliance by EPA Method 9 is consistent with Rule 17-2.700(3)(d), FAC.
Fly Ash Bins	AC27-118673	The particulate matter emission rate stated in the permit should be reduced from 0.6 to 0.4 pounds per hour to be consistent with information provided in the permit application. Additionally, it is requested that compliance with the particulate matter emission limiting standard be demonstrated with EPA Method 9 for reasons stated above.
Cement Plant	AC27-18674	The maximum allowable sulfur dioxide emission rate should be 50.0 pounds per hour to be consistent with information provided in the permit application.
Raw Meal Transfer	AC27-118675	The particulate matter mass emission standard in the permit should be reduced from 0.6 to 0.2 pounds per hour to be consistent with information provided in the permit application. Furthermore, it is requested that compliance

with the particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Limerock Bin AC27-118676

The particulate matter mass emission rate stated in the permit should be increased from 0.8 to 1.1 pounds per hour to be consistent with information provided in the permit application. Additionally, it is requested that compliance with the particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Blending Silo AC27-118677

The particulate matter mass emission rate stated in the permit should be decreased from 3.3 to 2.2 pound per hour to be consistent with information provided in the permit application. Additionally, it is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Kiln Feed Surge Bin AC27-118678

It is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Clinker Handling AC27-118680

The particulate matter mass emission rate stated in the permit should be reduced from 0.8 to 0.7 pound per hour to be consistent with information provided in the permit application. Additionally, the reference to the baghouse in Specific Condition No. 1 should be eliminated since a baghouse is no longer associated with the clinker handling system. It is requested also that the maximum allowable opacity of visible emissions from

clinker handling be increased from 5 percent (no noticeable visible emissions) to 10-20 percent for the same reasons noted under the coal handling permit comments above. Since all particulate matter emissions from clinker handling are unconfined, compliance with the particulate matter standard must be demonstrated by EPA Method 9 rather than EPA Method 5 as referenced in the permit. The wording in Specific Condition No. 7 should also be changed to "...during clinker unloading from trucks to the clinker receiving hopper." The present statement "...during coal unloading operation from traincars to the receiving area", is related to coal handling which was previously covered by the subject permit.

Contaminated Fly Ash AC27-118681
and Filter Dust Bin

It is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Iron Ore Bin AC27-118683

It is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Cooler Discharge AC27-118684

The particulate matter mass emission rate stated in the permit should be reduced from 0.8 to 0.4 pounds per hour to be consistent with information contained in the permit application. Also, it is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Clinker Silo/ Finish Mill	AC27-118685	The particulate matter mass emission rate stated in the permit should be reduced from 0.8 to 0.3 pounds per hour to be consistent with information contained in the permit application. Also, it is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.
Gypsum and Limestone Bins	AC27-118686	It is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.
Silo Discharge	AC27-118687	The particulate matter mass emission rate stated in the permit should be reduced from 1.8 to 1.2 pounds per hour to be consistent with information contained in the permit application. Also, it is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.
Finish Mill	AC27-118688	The particulate matter mass emission rate stated in the permit should be reduced from 6.4 to 5.1 pounds per hour to be consistent with information contained in the permit application. Also, it is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.
Cement Silo Discharge	AC27-118689	The particulate matter mass emission rate stated in the permit should be reduced from 0.6 to 0.4 pounds per hour to be consistent with information contained in the permit application. Also, it is

Mr. C. H. Fancy
Florida Department of
Environmental Regulation

July 24, 1986
Page 7

requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

Cement Silo Q-15 AC27-118690

It is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above. Also, it is requested that compliance with particulate matter emission limiting standard be demonstrated using EPA Method 9 for reasons stated above.

If there any questions regarding the requested modifications, please do not hesitate to contact me.

Very truly yours,
KOOGLER & ASSOCIATES



John B. Koogler, Ph.D., P.E.

JBK:app

cc: R. C. Entorf
R. F. Crabill
Bill Nelson
Curt Lauer

PM
6-14-86



FLORIDA CRUSHED STONE COMPANY

DAOM
JUL 16 1986
DER

July 14, 1986

Mr. C. H. Fancy
Department of Environmental
Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32301

Dear Mr. Fancy:

As required by Department rules, attached please find the affidavit of publication for the renewal of Florida Crushed Stone air construction permits AC27-118672, 118673, 118674, 118675, 118676, 118677, 118678, 118680, 118681, 118683, 118684, 118685, 118686, 118687, 118688, 118689, 118690.

It is my understanding that this information will complete the file and the renewal permits will be issued shortly.

Should you have any questions on this matter, please do not hesitate to contact me.

Sincerely,

Fred Crabill
Environmental Manager

ls

Enclosure

cc: Bill Nelson
John Koogler
Laurence Curtin
Lawrence Sellars

AFFIDAVIT OF LEGAL PUBLICATION

The Sun-Journal
Published Tuesday thru Saturday
Brooksville, Hernando, Florida
STATE OF FLORIDA
COUNTY OF HERNANDO

Before the undersigned authority personally appeared Raymond K. Mooney, who on oath says he is General Manager of the Sun-Journal, a daily newspaper published at 703 Lamar Ave., Brooksville in Hernando County, Florida; that the attached copy of advertisement, being a legal advertisement in the mat-

ter of Notice of Intent

in the _____ Court
was published in said newspaper in the issues of

June 28, 1986

Affiant further says that the said Sun Journal is a newspaper published at 703 Lamar Ave., Brooksville, in said Hernando County, Florida, and that said newspaper has heretofore been continuously published in said Hernando County, Florida, each Tuesday thru Saturday and has been entered as second-class mail matter at the post office in Brooksville, in said Hernando County, Florida, for a period of 1 year next preceding the first publication of the attached copy of advertisement; and further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Raymond K. Mooney, General Manager, The Sun-Journal

Sworn to and subscribed before me this 28th day of

June 1986 A.D.

NOTARY PUBLIC STATE OF FLORIDA

MY COMMISSION EXPIRES AUG 6 1986

BONDED THRU GENERAL INS. UNDERWRITERS

BY Notary Public

Filed .. 19 .. at .. O'clock .. M. and Recorded in .. Book No ..

Page ..

Record Verified ..

Clerk, .. Court, Hernando County, Fla.

By .. D.C.

State of Florida
Department of
Environmental
Regulation
Notice of Intent

The Department gives notice of its intent to renew and modify air pollution source construction permits for Florida Crushed Stone Company's cement/power plant in Hernando County, Florida. The modifications will result in an overall net emissions decrease of approximately 12.8 tons per year of particulate matter. A revised determination of best available control technology (BACT) was not required.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009, Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application 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:

Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301
Dept. of Environmental Regulation
Southwest District
7601 Highway 301 North
Tampa, Florida 33610

Any person may send written comments on the proposed action to Mr. Bill Thomas at the department's Tallahassee address. All comments mailed within 30 days of the publication of this notice will be considered in the department's final determination.

PUBLISH: June 28, 1986

BAQOM
JUL 16 1986
DER

P 408 532 115

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED--
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to Mr. R. Fred Crabill	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date 6/20/86	

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. Show to whom, date and address of delivery.

2. Restricted Delivery.

3. Article Addressed to:
Mr. R. Fred Crabill
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32748

4. Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	Article Number P 408 532 115
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Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
X

6. Signature - Agent
[Signature]

7. Date of Delivery
6/23/86

8. Addressee's Address (ONLY if requested and fee paid)

DOMESTIC RETURN RECEIPT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

June 17, 1986

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

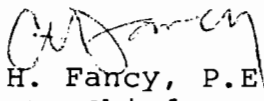
Mr. R. Fred Crabill
Environmental Manager
Florida Crushed Stone Company
Post Office Box 317
Leesburg, Florida 32748

Dear Mr. Crabill:

Attached is one copy of the Technical Evaluation and Preliminary Determination, and proposed permits to renew and modify construction permits issued for the cement/power plant at your facility in Brooksville, Hernando County, Florida.

Please submit, in writing, any comments which you wish to have considered concerning the department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,


C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/pa

Attachments

cc: John B. Koogler, P.E.
Jim Estler
Larry Sellers (Holland & Knight) 6-23-86 RAL

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permits by:

Florida Crushed Stone Company
Post Office Box 300
Leesburg, Florida 32749

DER File Nos. AC 27-118672	AC 27-118683
AC 27-118673	AC 27-118684
AC 27-118674	AC 27-118685
AC 27-118675	AC 27-118686
AC 27-118676	AC 27-118687
AC 27-118677	AC 27-118688
AC 27-118678	AC 27-118689
AC 27-118680	AC 27-118690
AC 27-118681	

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue permits (copies attached) for the proposed project as detailed in the applications specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Florida Crushed Stone Company, applied on March 10, 1986, to the Department of Environmental Regulation to renew construction permits, with minor amendments, to reflect "as built" changes at the applicant's cement/power plant complex in Hernando County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that air construction permits were needed for the proposed work.


Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, FAC, you (the applicant) are required to publish at your own expense the enclosed Notice of Proposed Agency Action on permit application. The notice must be published one time only in a section of a major local newspaper of general circulation in the county in which the project is located and within thirty (30)

days from receipt of this intent. Proof of publication must be provided to the Department within seven days of publication of the notice. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permits.

The Department will issue the permits with the attached conditions unless petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. Petitions must comply with the requirement of Florida Administrative Code Rules 17-103.155 and 28-5.201 (copies enclosed) and be filed with (received by) the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32301-8241. Petitions filed by the permit applicant must be filed within fourteen (14) days of receipt of this intent. Petitions filed by other persons must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this intent, whichever first occurs. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions will be dismissed.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

Copies furnished to:

R. Fred Crabill
John B. Koogler, Ph.D., P.E.
Jim Estler

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on June 20, 1986.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Patricia G. Adams June 20, 1986
Clerk Date

State of Florida
Department of Environmental Regulation
Notice of Intent

The Department gives notice of its intent to renew and modify air pollution source construction permits for Florida Crushed Stone Company's cement/power plant in Hernando County, Florida. The modifications will result in an overall net emissions decrease of approximately 12.8 tons per year of particulate matter. A revised determination of best available control technology (BACT) was not required.

Persons whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative determination (hearing) in accordance with Section 120.57, Florida Statutes. The petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a petition within this time period constitutes a waiver of any right such person has to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Therefore, persons who may not wish to file a petition may wish to intervene in the proceeding. A petition for intervention must be filed pursuant to Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the hearing officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009, Apalachee Parkway, Tallahassee, Florida 32301. If no hearing officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes.

The application 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:

Dept. of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Tallahassee, Florida 32301

Dept. of Environmental Regulation
Southwest District
7601 Highway 301 North
Tampa, Florida 33610

Any person may send written comments on the proposed action to Mr. Bill Thomas at the department's Tallahassee address. All comments mailed within 30 days of the publication of this notice will be considered in the department's final determination.

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.

the applicant of the Department's notification, pursuant to Section 403.0876, F.S., that additional information is required.

Specific Authority: 120.53, 403.0876, 403.815, F.S. Law

Implemented: 120.53, F.S.

History: New 9-20-79, Amended 4-28-81, Transferred from 17-1.62 and Amended 6-1-84.

17-103.160 Uniformity in Approval and Denial of Applications for Department Permits and Certifications. To the extent possible and consistent with the public interest, the Department approves and denies applications for permits and certifications on a uniform and consistent basis. Final Department actions on applications for permits and certifications shall be consistent with prior Department actions, unless deviation therefrom is explained by the Department in writing or the hearing officer who submits a recommended order to the Department for final agency action in accordance with Section 120.57, Florida Statutes.

Specific Authority: 120.53(1), F.S. Law Implemented: 120.53(1), 120.68(12), F.S. History: New 2-6-78, Transferred from 17-1.63, 6-1-84.

17-103.170 Designation, Preparation and Transmittal of Record for Administrative Appeals.

When any Department action or order is the subject of an administrative appeal under Chapter 17-103, Part II, FAC, the following requirements shall apply:

(1) Designation of Record. Within fifteen (15) days of rendition of the Department's final order, the appellant shall designate

to the Department, in writing, with copies to other parties, those documents or things under the control of or in the possession of the Department which the appellant desires to have included in the record, and which were received or considered in the Department proceeding below. If a proceeding was reported by mechanical recording devices, the appellant shall designate those portions of the proceeding for which it requires written transcription or tapes for transcription. Any other party may designate other portions of the record in the manner provided herein. Such cross-designation shall be filed with the Department, with copies provided other parties, within seven (7) days after receipt of the designation by the appellant.

(2) Original Record. The Department shall thereupon include in the record all of the designated portions of the original papers and exhibits in the proceedings or matter from which administrative appeal is taken, together with a copy of any such parts of the proceedings as were stenographically reported or transcribed from tapes, and as have been designated by the parties and certified by a notary public, the reporter, or other officer for inclusion in the record on appeal or review, and certified copies of the order, if any, of which review is sought. The Department may, at its discretion, substitute certified copies for original papers or documents in its possession.

(3) Preparation of Record. Upon tender or deposit by appellant of the estimated cost of preparation, the Department shall prepare the record in accordance with the designations of the parties. The cost of preparation, and reproduction,

DER1985 RULES OF ADMINISTRATIVE PROCEDURE - NON-RULEMAKING 17-103

agency action whenever there is no public notice of proposed agency action. In addition to the requirements of Rule 28-5.201, FAC, the Petition must specify the county in which the project is or will be located.

(h) Failure to file a petition within fourteen (14) days of receipt of notice of agency action or fourteen (14) days of receipt of notice of proposed agency action, whichever notice first occurs, shall constitute a waiver of any right to request an administrative proceeding under Chapter 120, F.S.

(c) When there has been no publication of notice of agency action or notice of proposed agency action as prescribed in Rule 17-103.150, FAC, a person who has actual knowledge of the agency action or has knowledge which would lead a reasonable person to conclude that the Department has taken final agency action, has a duty to make further inquiry within fourteen (14) days of obtaining such knowledge by contacting the Department to ascertain whether action has occurred. The Department shall upon receipt of such an inquiry, if agency action has occurred, promptly provide the person with notice as prescribed by Rule 17-103.150, FAC. Failure of the person to make inquiry with the Department within fourteen (14) days after obtaining such knowledge may estop the person from obtaining an administrative proceeding on the agency action.

(2)(a) "Receipt of notice of agency action" means receipt of written notice of final agency action, as prescribed by Department rule, or the publication, pursuant to Department rule, of notice of final agency action, whichever first

occurs.

(b) "Receipt of notice of proposed agency action" means receipt of written notice (such as a letter of intent) that the Department proposes to take certain action, or the publication pursuant to Department rule of notice of proposed agency action, whichever first occurs.

(3) Notwithstanding any other provision in this Chapter, should a substantially affected person who fails to timely request a hearing under Section 120.57, F.S., administratively appeal the final Department action or order, the record on appeal should be limited to:

(a) the application, and accompanying documentation submitted by the applicant prior to the issuance of the agency's intent to issue or deny the requested permit.

(b) the materials and information relied upon by the agency in determining the final agency action or order;

(c) any notices issued or published; and

(d) the final agency action or order entered concerning the permit application.

(4) In such cases where persons do not timely exercise their rights accorded by Section 120.57(1), Florida Statutes, the allegations of fact contained in or incorporated by the final agency action shall be deemed uncontested and true, and appellants may not dispute the truth of such allegations upon subsequent appeal.

(5) Any applicant may challenge the Department's request for additional information by filing with the Office of General Counsel an appropriate petition for administrative proceeding pursuant to Section 120.60, F.S., following receipt by

DER1985 RULES OF ADMINISTRATIVE PROCEDURE - NON-RULEMAKING 17-103

of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to an administrative determination (hearing) under Section 120.57, F.S.

(4) Notice to substantially affected persons concerning applications for Department permits is an essential and integral part of the state environmental licensing process. Therefore, no application for a permit for which publication of notice is required shall be granted until and unless proof of publication of Notice is furnished to the appropriate Department permitting office.

(5)(a) Any applicant or person benefiting from the Department's action may elect to publish notice of proposed agency action in the manner provided by subsection (2) or (3). Any person who elects to publish notice of proposed agency action, upon presentation of proof of publication to the Department, prior to final agency action, shall be entitled to the same benefits under this rule as a person who is required to publish notice of proposed agency action. Since persons whose substantial interests are affected by a Department decision on a permit application may petition for an administrative proceeding within fourteen (14) days after receipt of notice and since, unless notice is given or published as prescribed in this rule, receipt of notice can occur at any time, the applicant or persons benefiting from the Department's action cannot justifiably rely on the finality of

the Department's decision without the notice having been duly given or published.

(b) The notices required by this rule may be combined with other notices required by the Department pursuant to Chapter 403, 376, or 253, F.S., or Chapter 17, FAC.

(c) The provisions of this section shall also apply to the permitting of hazardous waste facilities, but only to the extent it is consistent with Chapter 17-30, Part IV, FAC. Whenever Chapter 17-30, Part IV, FAC, provides for a different time or notice procedure than that set forth in this section the time and notice provisions of Chapter 17-30 shall govern.

(6) Failure to publish any notice of application, notice of proposed agency action, or notice of agency action required by the Department shall be an independent basis for the denial of a permit. Specific Authority: 120.53, 403.0876, 403.815, F.S. Law Implemented: 120.53, F.S. History: New 9-20-79, Amended 4-28-81, Transferred from 17-1.62 and Amended 6-1-84.

17-103.155 Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

(1)(a) Any person whose substantial interests may be affected by proposed or final agency action may file a petition for administrative proceeding. A petition shall be in the form required by this Chapter and Chapter 28-5, FAC, and shall be filed (received) in the Office of General Counsel of the Department within fourteen (14) days of receipt of notice of proposed agency action or within fourteen (14) days of receipt of notice of

17-103.150(3)(d) -- 17-103.155(1)(a)

Technical Evaluation
and
Preliminary Determination

Florida Crushed Stone Company
Hernando County
Brooksville, Florida

State Permit Numbers:

AC 27-118672	AC 27-118681
AC 27-118673	AC 27-118683
AC 27-118674	AC 27-118684
AC 27-118675	AC 27-118685
AC 27-118676	AC 27-118686
AC 27-118677	AC 27-118687
AC 27-118678	AC 27-118688
AC 27-118680	AC 27-118689
	AC 27-118690

Florida Department of Environmental Regulation
Bureau of Air Quality Management
Central Air Permitting

June 13, 1986

I. Applicant and Source Location

A. Applicant

Florida Crushed Stone Company
Post Office Box 300
Leesburg, Florida 32749

B. Location

The proposed construction is located in Hernando County, approximately 3.5 miles Northwest of Brooksville, Florida. The plant will be located on 6,400 acres of property owned by Florida Crushed Stone. The UTM coordinates of the plant are 360.0, 360.1 km East and 3162.1-3162.5 km North.

II. Project and Process Descriptions

On November 10, 1983, the Florida Crushed Stone Company was issued air pollution source construction permits. There are 17 construction permits that are part of the construction of a cement/power plant complex in Hernando County, Florida.

On March 10, 1986, the Department received a package which included applications to renew each of the 17 construction permits with a number of minor amendments, primarily to reflect "as built" changes. Since applications were submitted after expiration of the original permits the affected permits will be reissued with amendments incorporated.

After reviewing each application, the department has assigned a new number for each application and the request for modifications is granted. The following shall be added or changed.

	Permit No. Old	New	Modification
01	AC 27-61012	AC 27-118672	Change name from pre-mix (and limestone) bins to filter dust bins and extend construction permit until 6/30/87. Air flow increased from 6000 to 6800 acfm increasing particulate emissions from 2.3 to 2.7 TPY.
02	AC 27-61013	AC 27-118673	Flyash Bin - Extend construction permit until 6/30/87 and reduce air flow from 6000 to 4200 acfm. Particulate emissions will decrease from 2.4 to 1.6 TPY.
03	AC 27-61016	AC 27-118674	Cement Plant - Extend construction permit until 6/30/87. No other changes.

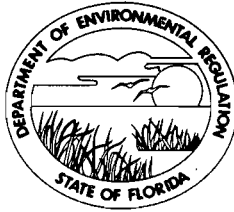
04	AC 27-61017	AC 27-118675	Raw Meal Transfer - Extend construction permit until 6/30/87 and reduce air flow from 2000 to 1200 acfm. Particulate emissions will decrease from 1.0 to 0.6 TPY.
05	AC 27-61019	AC 27-118676	Change name from Raw Materials Bin Discharge to Lime Rock Bin and extend construction permit until 6/30/87. Air flow increased from 6000 to 10,500 acfm increasing particulate matter emissions from 3.0 to 4.1 TPY.
06	AC 27-61020	AC 27-118677	Blending Silo - Extend construction permit until 6/30/87 and reduce airflow from 26,000 to 17,000 acfm. Particulate emissions will decrease from 12.7 to 8.3 TPY.
07	AC 27-61021	AC 27-118678	Change name from Kiln Feed to Kiln Feed Surge bin and extend construction permit until 6/30/87. No other changes.
08	AC 27-61026	AC 27-118680	Change name from Raw Coal Handling to Clinker Handling and extend construction permit until 6/30/87. Particulate emissions will decrease from 2.9 to 1.3 TPY.
16	AC 27-61041	AC 27-118681	Change name and Cement Silo to Contaminated Flyash and Filter Dust Bin; change size of baghouse from 5000 ACFM to 11,000 ACFM and extend construction permit until 6/30/87. Particulate emissions will increase from 2.4 to 5.4 TPY.
17	AC 27-61042	AC 27-118683	Revise Permit AC 27-61042 to allow use of baghouse Q-15C to control emissions from an iron ore storage bin rather than from a cement silo and to extend Permit AC 27-61042 until 6/30/87. Reduce air flow from 5000 to 3200 acfm and reduce particulate emissions from 2.4 to 1.8 TPY.
09	AC 27-61027	AC 27-118684	Cooler Discharge - Extend construction permit until 6/30/87 and reduce air flow from 6000 to 3000 acfm. Particulate emissions will decrease from 2.9 to 1.5 TPY.

10	AC 27-61030	AC 27-118685	Add the venting of finish mill silo L-07 to this system and extend the construction permit until 6/30/87. Air flow reduced from 5000 to 2600 acfm decreasing particulate emissions from 2.4 to 1.3 TPY.
11	AC 27-61032	AC 27-118686	Change name from Clinker Silo to Gypsum and Limestone Bins and extend construction permit until 6/30/87. No other changes.
12	AC 27-61033	AC 27-118687	Silo Discharges - Extend the construction permit until 6/30/87 and reduce air flow from 14,000 to 9000 acfm. Particulate emissions will decrease from 6.9 to 4.4 TPY.
13	AC 27-61037	AC 27-118688	Finish Mill - Extend construction permit until 6/30/87 and reduce air flow from 50,000 to 40,000 acfm. Particulate emissions will decrease from 24.5 to 19.6.
14	AC 27-61038	AC 27-118689	Cement Silo - Extend construction permit until 6/30/87 and reduce air flow from 5000 to 3200 acfm. Particulate emissions will decrease from 2.4 to 1.6 TPY.
15	AC 27-61040	AC 27-118690	Add second cement silo vent to baghouse; increase size of baghouse from 5000 acfm to 7400 acfm and extend construction permit until 6/30/87. Particulate emissions will increase from 2.4 to 3.6 TPY.

The overall net effect of these changes is a reduction of 12.8 TPY of particulate matter; therefore, no further review is required.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118672
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Filter Dust Bins

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Change name from Pre-mix (and limestone) Bins to Filter Dust Bins and extend construction permit until 6/30/87. Air flow increased from 6000 to 6800 acfm increasing particulate emissions from 2.3 to 2.7 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118672
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118672
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118672
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118672
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the filter dust bins baghouse shall not exceed 0.6 pound per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118672
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, Secretary

___ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118673
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Fly Ash Bins

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Fly Ash Bin - Extend construction permit until 6/30/87 and reduce air flow from 6000 to 4200 acfm. Particulate emissions will decrease from 2.4 to 1.6 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118673
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118673
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118673
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118673
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the fly ash bin baghouse shall not exceed 0.6 pound per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118673
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118674
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Cement Kiln, Clinker
Cooler, Dryer and Raw Mill

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Cement Plant - Extend construction permit until 6/30/87. No other changes.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 - 7, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118674
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118674
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118674
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118674
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. Except as required pursuant to DER's BACT determination the proposed cement plant construction shall be carried out in accordance with the statements in the application and additional information supplied by the permittee.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118674
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

2. The emission rates from the kiln and cooler shall not exceed the emission limits and maximum allowable emissions listed below:

Pollutant	Emission Limits		Maximum Allowable Emissions	
	lb/ton of kiln of feed		lb/hr	tons/yr
PM (cooler)	0.1		12.4	54
PM (kiln)	0.3		37.1	162
SO ₂	0.6		74.3	325
NO _x	2.9		359.0	1572

3. The hours of operation of the cement plant shall not exceed 8,760 hours per year.

4. Visible emissions from the kiln, cooler, dryer or raw mill shall not be greater than 10 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC).

5. Compliance with the particulate emission limits in specific condition No. 2 shall be demonstrated in accordance with the EPA Reference Method 5 in Appendix A, 40 CFR 60, as set forth in subsection 60.64 of the NSPS for Portland Cement Plants, 40 CFR 60.60.

6. Compliance with the SO₂ and NO_x emission limits in specific conditions No. 2 shall be demonstrated in accordance with EPA Methods 6 and 7, respectively, in 40 CFR 60, Appendix A.

7. The maximum coal consumption in the kiln shall not exceed 10.3 tons per hour.

8. Instruments shall be installed, calibrated, and maintained to continuously measure the amounts of coal used in the kiln, material fed to the kiln, and clinker produced. The records of fuel usage with the fuel analysis, daily kiln feed and clinker produced shall be reported quarterly to the DER Southwest District office.

9. In accordance with Rule 17-2.700(4), FAC, the stack sampling configuration of the proposed kiln shall comply with the maximum of 2D downstream and 0.5 upstream distances to any fan, bend, constriction, or other flow disturbance.

10. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118674
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

11. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to the DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.

12. Prior to submitting an application for an operating permit, the permittee shall request that the allowable particulate emission rates from the following Chemical Lime Company sources be reduced to the following values:

<u>Sources</u>	<u>Permit No.</u>	<u>Particulate Emission Limit (lb/hr)</u>
Kiln	AO 27-55581	18.0
Hydrator	AO 27-25269	14.0
Dryer	AO 27-50400	16.0
Bagging	AO 27-17352	6.0

Issued this _____ day of _____,
19____.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION

Victoria J. Tschinkel, Secretary

_____pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118675
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Raw Meal Transfer

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Raw Meal Transfer - Extend construction permit until 6/30/87 and reduce air flow from 2000 to 1200 acfm. Particulate emissions will decrease from 1.0 to 0.6 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118675
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118675
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118675
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118675
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the raw meal baghouse shall not exceed 0.6 pound per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118675
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

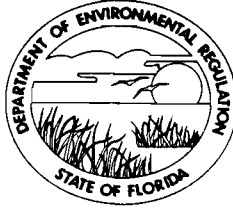
**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118676
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Lime Rock Bin

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Change name from Raw Materials Bin Discharge to Lime Rock Bin and extend construction permit until 6/30/87. Air flow increased from 6000 to 10,500 acfm increasing particulate matter emissions from 3.0 to 4.1 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118676
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118676
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118676
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118676
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the lime rock bin baghouse shall not exceed 0.8 pound per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118676
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

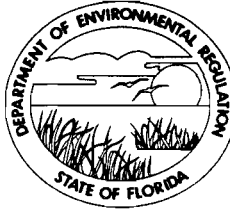
STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118677
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Blending Silo

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Blending Silo - Extend construction permit until 6.30/87 and reduce airflow from 26,000 to 17,000 acfm. Particulate emissions will decrease from 12.7 to 8.3 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118677
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118677
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118677
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118677
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the blending silo baghouse shall not exceed 3.3 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118677
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118678
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Kiln Feed Surge Bin

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Change name from Kiln Feed to Kiln Feed Surge Bin and extend construction permit until 6/30/87. No other changes.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118678
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118678
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118678
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118678
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the kiln feed surge bin baghouse shall not exceed 0.8 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118678
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118680
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Clinker Handling

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Change name from Raw Coal Handling to Clinker Handling and extend construction permit until 6/30/87. Particulate emissions will decrease from 2.9 to 1.3 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118680
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118680
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118680
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118680
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the clinker handling baghouse shall not exceed 0.8 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118680
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.
7. A water spray system shall be installed and used as necessary to control fugitive dust emissions during coal unloading operation from train cars to the receiving area.

Issued this _____ day of _____,
19__.

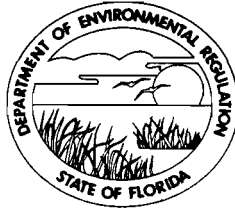
**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

___ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118681
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Contaminated Flyash and
Filter Dust Bin

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Change name from Cement Silo to Contaminated Flyash and Filter Dust Bin; change size of baghouse from 5000 acfm to 11,000 acfm and extend construction permit until 6/30/87. Particulate emissions will increase from 2.4 to 5.4 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118681
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118681
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118681
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118681
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the flyash and filter dust baghouse shall not exceed 1.41 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118681
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.

6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118683
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Iron Ore Bin (Q-15C)

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Revise Permit AC 27-61042 to allow use of baghouse Q-15C to control emissions from an iron ore storage bin rather than from a cement silo and to extend Permit AC 27-61042 until 6/30/87. Reduce air flow from 5000 to 3200 acfm and reduce particulate emissions from 2.4 to 1.8 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118683
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118683
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118683
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118683
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

- 1. The allowable particulate emission rate from the iron ore storage bin baghouse shall not exceed 0.5 pounds per hour.
- 2. The hours of operation shall not exceed 8760 hours per year.
- 3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118683
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.

6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

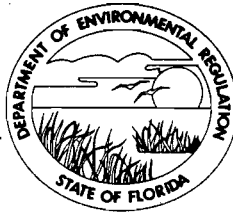
STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118684
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Cooler Discharge

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Cooler Discharge - Extend construction permit until 6/30/87 and reduce air flow from 6000 to 3000 acfm. Particulate emissions will decrease from 2.9 to 1.5 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118684
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118684
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118684
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118684
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the cooler discharge baghouse shall not exceed 0.8 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118684
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.

6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

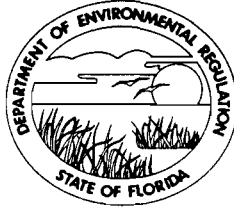
**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

___ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118685
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Clinker Silo (L-06)

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Add the venting of finish mill silo L-07 to this system and extend the construction until 6/30/87. Air flow reduced from 5000 to 2600 acfm decreasing particulate emissions from 2.4 to 1.3 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118685
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118685
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118685
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118685
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the clinker silo baghouse shall not exceed 0.8 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118685
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118686
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Gypsum and Limestone Bins

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Change name from Clinker Silo to Gypsum and Limestone Bins and extend construction permit until 6/30/87. No other changes.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118686
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118686
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118686
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118686
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
- the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the gypsum and limestone bins baghouse shall not exceed 0.6 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118686
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

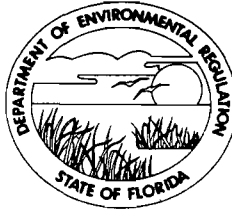
**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118687
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Silo Discharge

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Silo Discharges - Extend the construction permit until 6/30/87 and reduce air flow from 14,000 to 9000 acfm. Particulate emissions will decrease from 6.9 to 4.4 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118687
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118687
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118687
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118687
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the silo discharge baghouse shall not exceed 1.8 pounds per hour.
2. The hours of operation shall not exceed 8760 hours per year.
3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118687
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118688
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Finish Mill

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Finish Mill - Extend construction permit until 6/30/87 and reduce air flow from 50,000 to 40,000 acfm. Particulate emissions will decrease from 24.5 to 19.6 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118688
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118688
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118688
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118688
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the finish mill baghouse shall not exceed 6.4 pounds per hour.

2. The hours of operation shall not exceed 8760 hours per year.

3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118688
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

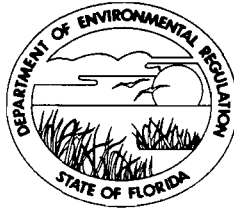
**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118689
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Cement Silo Discharge

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Cement Silo - Extend construction permit until 6/30/87 and reduce air flow from 5000 to 3200 acfm. Particulate emissions will decrease from 2.4 to 1.6 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118689
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118689
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118689
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118689
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

1. The allowable particulate emission rate from the cement silo discharge baghouse shall not exceed 0.6 pound per hour.

2. The hours of operation shall not exceed 8760 hours per year.

3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118689
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).
5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.
6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

PERMITTEE:
Florida Crushed Stone Co.
P. O. Box 300
Leesburg, Florida 32749

Permit Number: AC 27-118690
Expiration Date: June 30, 1987
County: Hernando
Latitude/Longitude: 28° 35' 00" N
82° 25' 53" W
Project: Cement Silo (Q-15A)

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the department and made a part hereof and specifically described as follows:

Add second cement silo vent to baghouse; increase size of baghouse from 5000 acfm to 7400 acfm and extend construction permit until 6/30/87. Particulate emissions will increase from 2.4 to 3.6 TPY.

Construction shall be in accordance with the attached permit application and additional information except as otherwise noted on pages 5 and 6, Specific Conditions.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118690
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement 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.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, 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.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118690
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

6. The permittee shall at all times 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.

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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring 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.

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 notify and provide the department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118690
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

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 revocation of this permit.

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 arising under the Florida Statutes or department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

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.

11. This permit is transferable only upon department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards.

14. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the department, during the course of any unresolved enforcement action.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118690
Expiration Date: June 30, 1987

GENERAL CONDITIONS:

- b. The permittee shall retain 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), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be 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:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

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 submitted or corrected promptly.

SPECIFIC CONDITIONS:

- 1. The allowable particulate emission rate from the cement silo baghouse shall not exceed 1.0 pound per hour.
- 2. The hours of operation shall not exceed 8760 hours per year.
- 3. Visible emissions shall not be greater than 5 percent opacity demonstrated in accordance with DER Method 9 (Rule 17-2.700(b)(a)9., FAC.

PERMITTEE:
Florida Crushed Stone Co.

Permit Number: AC 27-118690
Expiration Date: June 30, 1987

SPECIFIC CONDITIONS:

4. Compliance with the particulate emission limit in Specific Condition No. 1 shall be demonstrated by EPA Method 5 or 17 (Appendix A, 40 CFR 60).

5. Prior to 90 days before the expiration of this permit, a complete application for an operating permit shall be submitted to DER Southwest District office. Full operation of the source may then be conducted in compliance with the terms of this permit until its expiration or until receipt of an operating permit.

6. Reasonable precautions to prevent fugitive particulate emissions at the site, such as the application of dust suppressants on roads and the construction site, landscaping and planting of vegetation, shall be taken by the permittee.

Issued this _____ day of _____,
19__.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

VICTORIA J. TSCHINKEL, Secretary

_____ pages attached.