



KOOGLER & ASSOCIATES
ENVIRONMENTAL SERVICES

4014 NW THIRTEENTH STREET
GAINESVILLE, FLORIDA 32609
352/377-5822 • FAX/377-7158

PROJECT 308-94-03

FAX TRANSMITTAL FORM

TO: BRUCE MITCHELL
FDEP DARM Title V Section

FAX NO. _____
FROM: Steve Gullen *SG*
DATE: 8/2/99 SENT BY: SCC

The text being transmitted consists of 6 page(s) PLUS this one. If you do not receive all of the pages or if there are difficulties with this transmission, please call (352) 377-5822.

REMARKS: Florida Crushed Stone Company -- Title V Permit
NESHAP Subpart LLL applicability, per your request.

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PART 63 - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR**POLLUTANTS FOR SOURCE CATEGORIES**

Subpart LLL -- National Emission Standards for Hazardous Air
Pollutants from the Portland Cement Manufacturing Industry.

Facility-wide/General Applicability**GENERAL**

- 63.1340 Applicability and designation of affected sources.
 - 63.1340(a)
 - 63.1340(b)
 - 63.1340(c)
 - 63.1340(d)
- 63.1341 Definitions.

EMISSION STANDARDS AND OPERATING LIMITS

- 63.1342 Standards: General.
 - 63.1342(a)
 - 63.1342(b)

MONITORING AND COMPLIANCE PROVISIONS

- 63.1349 Performance testing requirements.
 - 63.1349(a)
 - 63.1349(b)
 - 63.1349(f)
- 63.1350 Monitoring requirements.
 - 63.1350(a)
 - 63.1350(b)
 - 63.1350(l)
 - 63.1350(m)

- 63.1351 Compliance dates.
- 63.1352 Additional test methods.

NOTIFICATION, REPORTING AND RECORDKEEPING

- 63.1353 Notification requirements.

63.1354 Reporting requirements.

63.1355 Recordkeeping requirements.

63.1356 Exemption from new source performance standards. ✓

63.1357 Temporary, conditioned exemption from particulate and opacity standards.

63.1358 Delegation of authority.

Table 1 to Subpart LLL - Applicability of General Provisions

3

Emissions Unit 001: Filter dust bin
Emissions Unit 002: Fly ash bin ✓
Emissions Unit 006: Blending silo
Emissions Unit 007: Kiln feed surge bin
Emissions Unit 010: Clinker silo and finish mill silo
Emissions Unit 011: Gypsum & limestone bins
Emissions Unit 015: Cement silos
Emissions Unit 017: Iron ore bin
Emissions Unit 023: Cement silo

63.1340(b) (6) ✓
63.1348 ✓
63.1349(b) (2) ✓
63.1349(c) ✓
63.1350(a) -
63.1350(a) (1) -
63.1350(a) (2) -
63.1350(a) (4) -
63.1350(a) (4) (i) -
63.1350(a) (4) (ii) ✓
63.1350(a) (4) (iii) -
63.1350(a) (4) (iv) -
63.1350(j) ← 63.1350(e)

Emissions Unit 004: Raw mill transfer
Emissions Unit 012: Silo discharge ✓
Emissions Unit 019: Finish mill feed belt

63.1340(b) (7)
63.1348
63.1349(b) (2)
63.1349(c)
63.1350(a) (1)
63.1350(a) (2)
63.1350(a) (4)
63.1350(a) (4) (i)
63.1350(a) (4) (ii)
63.1350(a) (4) (iii)
63.1350(a) (4) (iv)
63.1350(j)

Emissions Unit 013: Finish Mill ✓

63.1340(b) (4)
63.1347 Standards for raw and finish mills.
63.1349 (b) (2)
63.1349 (c)
63.1350 (a) (1)
63.1350 (a) (2)
63.1350 (a) (4)
63.1350 (a) (4) (i)
63.1350 (a) (4) (ii)
63.1350 (a) (4) (iii)
63.1350 (a) (4) (iv)
63.1350 (e)
63.1350 (j)

Emissions Unit 008: Clinker receivingEmissions Unit 014: Cement silo dischargeEmissions Unit 023: Cement silo #4 and truck loadoutEmissions Unit 024: Railcar loadout

63.1340 (b) (9)
63.1348
63.1349 (b) (2)
63.1349 (c)
63.1350 (a) (1)
63.1350 (a) (2)
63.1350 (a) (4)
63.1350 (a) (4) (i)
63.1350 (a) (4) (ii)
63.1350 (a) (4) (iii)
63.1350 (a) (4) (iv)
63.1350 (j)

Emissions Unit 020: Kiln, cooler, raw mill & dryer

63.1340 (b) (1)
63.1340 (b) (2)
63.1340 (b) (3)
63.1340 (b) (5)
63.1343 Standards for kilns and in-line kiln/raw mills.
63.1343 (a)
63.1343 (b)
63.1343 (b) (1)
63.1343 (b) (2)
63.1343 (b) (3) (ii)

63.1344 Operating limits for kilns and in-line kiln/raw mills.

- 63.1344(a)
- 63.1344(a)(1)
- 63.1344(a)(2)
- 63.1344(b)

63.1345 Standards for clinker coolers.

- 63.1345(a)(1)
- 63.1345(a)(2)

63.1347 Standards for raw and finish mills.

63.1349 Performance testing requirements.

- 63.1349(b)(1)
- 63.1349(b)(1)(i)
- 63.1349(b)(1)(ii)
- 63.1349(b)(1)(iii)
- 63.1349(b)(1)(v)
- 63.1349(b)(2)
- 63.1349(b)(3)
- 63.1349(b)(3)(i)
- 63.1349(b)(3)(ii)
- 63.1349(b)(3)(iii)
- 63.1349(b)(3)(iv)
- 63.1349(c)
- 63.1349(d)
- 63.1349(e)

63.1350 Monitoring requirements.

- 63.1350(a)(1)
- 63.1350(a)(2)
- 63.1350(a)(3)
- 63.1350(c)
- 63.1350(c)(1)
- 63.1350(c)(3)
- 63.1350(d)
- 63.1350(d)(1)
- 63.1350(d)(3)
- 63.1350(e) — no ?
- 63.1350(f)
- 63.1350(i)
- 63.1350(k)

NOT APPLICABLE

- 63.1340(b) (8)
- 63.1343(b) (3) (i)
- 63.1343(c)
- 63.1343(d)
- 63.1343(e)
- 63.1344(a) (3)
- 63.1344(c)
- 63.1344(d)
- 63.1344(e)
- 63.1346
- 63.1349(b) (1) (iv)
- 63.1349(b) (1) (vi)
- 63.1349(b) (3) (v)
- 63.1349(b) (3) (vi)
- 63.1349(b) (4)
- 63.1350(c) (2)
- 63.1350(d) (2)
- 63.1350(g)
- 63.1350(h)



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PROJECT 308-94-03

FAX TRANSMITTAL FORM

TO: Bruce Mitchell
DARM BAR Title V Section

FAX NO. _____
FROM: Steve Cullen SC
DATE: 10/21/99 SENT BY: SC

The text being transmitted consists of 10 page(s) PLUS this one. If you do not receive all of the pages or if there are difficulties with this transmission, please call (352) 377-5822.

REMARKS: Per your request
1. DRAFT (to FCS for signatures) compliance reports/certifications
2. Replacement application pages for Raw Mill, finish Mill, Cement Silos.

Thank You

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Compliance Report and Certification
 Florida Crushed Stone Company (Cement)
 FDEP Facility ID No.: 0530021

DRAFT

Compliance Report

Emissions Unit ID	Description of Emissions Unit	Compliance Status
001	Filter Dust Bin (D-75)	In compliance
002	Fly Ash/Equilibrium Catalyst Bin Baghouse (D-67)	In compliance
004	Raw Mill Transfer Baghouse (F-04)	In compliance
006	Blending Silo Baghouse (G-12)	In compliance
007	Kiln Feed Surge Bin Baghouse (H-15)	In compliance
008	Clinker Receiving	In compliance
010	Clinker Silo (L-06) and Finish Mill Silo (L-07)	In compliance
011	Gypsum and Limestone Bins (L-08)	In compliance
012	Silo Discharge (M-08)	In compliance
013	Finish Mill Baghouse (N-13)	In compliance
014	Cement Silo Discharge Baghouse (Q-17)	In compliance
015	Two Cement Silos (Q-15)	In compliance
017	Iron Ore Bin Baghouse (D-63)	In compliance
019	Finish Mill Feed Belt (M-05)	In compliance
020	Kiln, Clinker Cooler, Raw Mill, and Dryer with Baghouse	In compliance
023	Cement Silo #4 and Truck Loadout System	In compliance
024	Cement Railcar Loadout System	In compliance

Compliance Certification

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete.

 Michael T. McHugh
 Vice President & General Manager: Brooksville

 Date

Compliance Report and Certification
 Central Power & Lime, Inc.
 FDEP Facility ID No.: 0530032

DRAFT

Compliance Report

Emissions Unit ID	Description of Emissions Unit	Compliance Status
001	Limestone Rock Bin Baghouse (D-38)	In compliance
002	Contaminated Flyash & Filter Dust Bin (D-31)	In compliance
003	Limestone Screening System (D-39)	In compliance
004	Limestone Fines Storage Bin (D-13)	In compliance
005	Limedust Storage Bin (Z-31)	In compliance
006	Limestone Dryer Discharge Transfer Point (D-46)	Inactive
007	Lime Silo Discharge System (Z-17)	In compliance
008	Lime Storage Bins (Z-15)	In compliance
010	Fugitive Emissions Source--Coal Handling System	In compliance
014	Power Plant	In compliance

Compliance Certification

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete.

 Michael T. McHugh
 Vice President & General Manager: Brooksville

 Date

Compliance Report and Certification
Chemical Lime, Inc.
FDEP Facility ID No.: 0530005

DRAFT

Compliance Report

Emissions Unit ID	Description of Emissions Unit	Compliance Status
006	Lime Hydrator	In compliance
010	Lime Bagging Operation	In compliance
011	Bulk Truck Loadout	In compliance

Compliance Certification

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete.

Michael T. McHugh
Vice President & General Manager: Brooksville

Date

Florida Crushed Stone Company 0530021
Emissions Unit Information Section 10 of 18 [013: Finish Mill]

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

Emissions Unit Details

1. Initial Startup Date: NA		
2. Long-term Reserve Shutdown Date: NA		
3. Package Unit: NA		
Manufacturer:	Model Number:	
4. Generator Nameplate Rating: NA	MW	
5. Incinerator Information: NA		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NA	mmBtu/hr
2. Maximum Incineration Rate: NA	lb/hr tons/day
3. Maximum Process or Throughput Rate: 125 tph	
4. Maximum Production Rate: NA	
5. Operating Capacity Comment (limit to 200 characters):	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
24 hours/day	7 days/week	
52 weeks/year	8760 hours/year	

Florida Crushed Stone Company 0530021

Emissions Unit Information Section 10 of 18 [013: Finish Mill]

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

<p>1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):</p> <p>Mineral Products: Cement Manufacturing: Dry Process: Clinker Grinding</p>	
<p>2. Source Classification Code (SCC): 3-05-006-17</p>	
<p>3. SCC Units: Tons Produced (Cement)</p>	
<p>4. Maximum Hourly Rate: 125 Tons Produced</p>	<p>5. Maximum Annual Rate: 876,000 Tons Produced</p>
<p>6. Estimated Annual Activity Factor: NA</p>	
<p>7. Maximum Percent Sulfur: NA</p>	<p>8. Maximum Percent Ash: NA</p>
<p>9. Million Btu per SCC Unit: NA</p>	
<p>10. Segment Comment (limit to 200 characters):</p> <p>Average = 100 tph produced @ 8760 hr/yr = 876,000 tons/yr</p>	

177 Revised 10/8/1996

Florida Crushed Stone Company 0530021

Emissions Unit Information Section 12 of 18 [015: Two Cement Silos]

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

Emissions Unit Details

1. Initial Startup Date: NA		
2. Long-term Reserve Shutdown Date: NA		
3. Package Unit: NA		
Manufacturer:	Model Number:	
4. Generator Nameplate Rating: NA	MW	
5. Incinerator Information: NA		
Dwell Temperature:		°F
Dwell Time:		seconds
Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate: NA	mmBtu/hr
2. Maximum Incineration Rate: NA	lb/hr tons/day
3. Maximum Process or Throughput Rate: 125 tph to each silo	
4. Maximum Production Rate: NA	
5. Operating Capacity Comment (limit to 200 characters):	

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
24 hours/day	7 days/week	
52 weeks/year	8760 hours/year	

206 Revised 10/8/1996

Florida Crushed Stone Company 0530021

Emissions Unit Information Section 12 of 18 [015: Two Cement Silos]

**F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Mineral Products: Cement Manufacturing: Dry Process: Cement Silos	
2. Source Classification Code (SCC): 3-05-006-18	
3. SCC Units: Tons Transferred	
4. Maximum Hourly Rate: 250 Tons Transferred	5. Maximum Annual Rate: 1,752,000 Tons Transferred
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash: NA
9. Million Btu per SCC Unit: NA	
10. Segment Comment (limit to 200 characters): Average = 100 tph to each silo Average = 200 tph transferred @ 8760 hr/yr = 1,752,000 tons/yr	

Florida Crushed Stone Company 0530021

Emissions Unit Information Section 15 of 18 [020: Kiln, Cooler, Raw Mill]

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 9

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Mineral Products: Cement Manufacturing: Dry Process: Raw Material Grinding/Drying (Raw mill)	
2. Source Classification Code (SCC): 3-05-006-13	
3. SCC Units: Tons Processed	
4. Maximum Hourly Rate: 138.0 Tons Processed	5. Maximum Annual Rate: 1,208,880 Tons Processed
6. Estimated Annual Activity Factor: NA	
7. Maximum Percent Sulfur: NA	8. Maximum Percent Ash: NA
9. Million Btu per SCC Unit: NA	
10. Segment Comment (limit to 200 characters): 138.0 tons/hr @ 8760 hr/yr = 1,208,880 tpy	

Revised October 21, 1999

Central Power & Lime, Inc. 0530032, Emissions Unit 008
Emissions Unit Information Section 8 of 11 Line Storage Bin (Z-15)

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

Emissions Unit Details

1. Initial Startup Date: NA		
2. Long-term Reserve Shutdown Date:		
3. Package Unit:		
Manufacturer:	Model Number:	
4. Generator Nameplate Rating:		MW
5. Incinerator Information:		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:		mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate: 125 tph		
4. Maximum Production Rate:		
5. Operating Capacity Comment (limit to 200 characters):		

Emissions Unit Operating Schedule

Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/year	7884 hours/year

146 Revised 10/8/96

Central Power & Lime, Inc. 0530032, Emissions Unit 008

Emissions Unit Information Section 8 of 11 Lime Storage Bin (Z-15)

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Material transfer	
2. Source Classification Code (SCC): 3-05-007-12	
3. SCC Units: Tons Produced	
4. Maximum Hourly Rate: 125	5. Maximum Annual Rate: 788,400
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters): Lime Transfer Rate = 100 tph average	

151 Revised 10/8/96