02/06/96

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In Re:	)	
Florida Crushed Stone Company	)	
Power Plant Certification	)	OGC NO. 94-1980
Modification Request	)	
No. PA 82-17E	)	
Hernando County, Florida	)	

CORRECTED FINAL ORDER
MODIFYING CONDITIONS OF CERTIFICATION

The Department of Environmental Protection, after notice and opportunity for hearing, modifies the Conditions of Certification for the Florida Crushed Stone (FCS) power plant in Brooksville pursuant to the Florida Electrical Power Plant Siting Act, Section 403.516(1), Florida Statutes, and Condition XXV, Modification of Conditions, which delegates authority to modify conditions to the Department.

In March 1995, a request for modification was filed to allow construction and operation of a second cement kiln and related facilities on the site. Upon review of all submitted material, the Department recommends that the requests be approved.

Copies of the department's proposed action were distributed to all parties to the certification proceeding and made available for public review. On June 9, 1995, a Notice of Proposed Modification of Power Plant Certification was published in the Florida Administrative Weekly. As of June 7, 1995, all of the parties to the original proceeding had received copies, sent by certified mail, of the intent to modify. The notice specified that a hearing would be held if a party to the original certification hearing objects within 45 days from receipt of the proposed notice of modification or if a person whose substantial interests will be affected by the proposed modification objects in writing within 30 days after issuance of the public notice. No timely objection to the proposed modifications was received by the Department.

Accordingly, in the absence of any timely objection,

~~3. When the power plant boiler is operating alone and cement plant I is not in operation, the maximum heat input rate of the boiler shall not exceed the site specific limit of 1,000 million BTU per hur, maximum three-hour average.~~

4-12. No change

13. In accordance with Rules 62-210.700 (1) and (6), excess emissions resulting from startup, shutdown or malfunction of any source shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Department for longer duration. In case of excess emissions resulting from malfunctions, the permittee shall notify the Department in accordance with Rule 62-4.130, Florida Administrative Code. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

14-15. No change

16. Stack emissions from cement plant II shall not exceed the following site specific limitations for the cement kiln, clinker cooler, raw mill and preheater as given in Permit No. AC27~~95~~-274892:

(dry basis) POLLUTANT TONS/YR.	Emission Limits LBS/TON KILN FEED	MAX. ALLOWABLE EMISSIONS ← LBS./HR.	TONS/YR
Particulate (Cooler)	0.1	12.7 →	55.6 →
Particulate (Kiln)	0.2	25.4 →	111.3 →
SO_2	0.18	22.4 →	98.2 →
NOx	1.83	232.4 →	1018 →

The measured emission rates will be the combined rates from the Unit II cement kiln stack. Visible emissions shall not be equal to or greater than 10% opacity, also determined at the Unit II

the department with 30 days notice on each certification.

4. The permittee shall provide stack sampling facilities as required by Rule 62-297, F.A.C.,

C. Stack Testing

2. Performance tests shall be conducted and data reduced in accordance with methods and procedures outlined in Rule 62-297, F.A.C.

6. Instruments shall be installed, calibrated, and maintained to continuously measure the amounts of coal and limestone used in the boiler, material fed to cement kiln I, and clinker produced by cement kiln I. The records of coal and limestone used in the boiler, fuel analysis, daily cement kiln I feed and clinker produced shall be reported quarterly to the Department's Southwest District Office.

D. Reporting

1. Stack monitoring, fuel usage and fuel analysis data shall be reported to the Department's Southwest District Office and to the Hernando County Health Department on a quarterly basis commencing with the start of commerical operation in accordance with 40 CFR 60.7 and Rule 62-297.500, FAC.

G. The heat input rate of the boiler, with or without cement kiln I operating shall not exceed the maximum necessary to produce 150 MW of power and shall in no case exceed 1,850 MMBTU/hr, maximum three-hour average.

H. Cement Kiln #2 , and its associated equipment, shall be constructed and operated in accordance with PSD FL 22.

Certificate of Service

I hereby certify that a copy of the Final Order Modifying Conditions of Certification of the Florida Crushed Stone company was sent to the following parties by United State mail on the 6th day of February, 1996.

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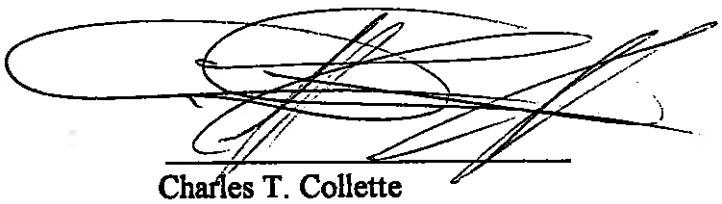

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