07/17/87

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In Re:	)	
	)	
Florida Crushed Stone Co.	)	OGC FILE NO: 84-0674
Brooksville Power Plant)	)	
Modification of Terms and	)	
Conditions of Certification	)	
No. PA 82-17	)	
Hernando County	)	
	)	

FINAL ORDER MODIFYING
CONDITIONS OF CERTIFICATION

The Florida Department of Environmental Regulation (Department), modifies the conditions of certification for the Florida Crushed Stone Power Plant pursuant to Section 403.516(1), Florida Statutes, and Condition of Certification XXV, which delegated modifications of conditions of consumptive use of water to the Department.

1. On March 18, 1987, Florida Crushed Stone Company submitted a letter to the Department requesting modification of the existing Conditions of Certification for its proposed Brooksville Power Plant to reflect changes in consumptive use of water for the power plant and associated cement plant.

2. On April 6, 1987, a Notice of Proposed Agency action was served on all parties with a provision that a hearing would be held if requested on or before May 26, 1987. No hearing was requested. THEREFORE,

IT IS ORDERED:

The Department grants relief to the Florida Crushed Stone Company by making the following modifications to the conditions.

3. Condition II.A. shall be changed to read:

A. Cooling System

The amount of ground water used as make-up to the cooling system shall not exceed the following site specific standard of ~~30.3~~ 30.86 MGD on a daily maximum or ~~14.84~~ 4.80 MGD on an annual average.

4. Condition II.F. shall be changed to read:

F. Water Withdrawal Limits

Florida Crushed Stone is authorized to make a combined annual average withdrawal of ~~14,902,000~~ 4,800,000 gallons of water per day with a maximum combined withdrawal rate not to exceed ~~33,500,000~~ 11,860,000 gallons during a single day. The total ground water requirements of the power plant facility are 20,080,000 gallons per day. Reuse water will be supplied by the crushed aggregate facility when available. In the event sufficient reuse water quantities are not available from the crushed aggregate facility, Florida Crushed Stone is authorized to substitute ground water withdrawals for reuse water up to 20,080,000 gallons per day average annual withdrawal and 27,178,000 gallons maximum daily withdrawal. Withdrawals are authorized as shown in the table below.

WELL I.D.	WITHDRAWAL POINT LATITUDE	LONGITUDE	GALLONS PER DAY AVERAGE	GALLONS PER DAY MAXIMUM
~~1.~~	~~28 35 29~~	~~82 26 01~~	~~630,000~~	~~1,080,000~~
4.	28 35 25	82 26 15	2,120,000	2,880,000
5.	28 35 25	82 26 15	4,320,000	4,320,000
6.	28 35 25	82 26 15	5,040,000	5,040,000
7.	28 35 25	82 26 15	770,000	1,728,000
8.	28 35 51	82 26 29	*5,040,000	*8,352,000
9.	28 35 51	82 26 29	*4,320,000	*5,040,000
10.	28 35 51	82 26 29	*770,000	*1,728,000
~~11.~~	~~28 35 14~~	~~82 26 37~~	~~1,890,000~~	~~2,952,000~~
15.	28 35 14	82 26 37	2,500,000	7,200,000
17.	28 35 06	82 26 00	*3,170,000	*3,170,000
18.	28 35 06	82 26 03	4,580,000	5,040,000
	Combined Totals:		20,080,000	27,178,000

NOTE: * = Standby

5. Condition II.G. shall be changed to read:

G. Flow Measurement

Florida Crushed Stone shall maintain and operate flow

measuring devices as approved in writing by the Director of the SWFWMD Resource Regulation department on all groundwater withdrawal points listed in condition ~~II.F.~~ II.F. Such devices shall have and maintain an accuracy within five percent of the actual flow under installed conditions. Total flow from each designated withdrawal point shall be recorded on a monthly basis and reported~~, on forms furnished to the SWFWMD,~~ to the District in a format based on the methodology developed and defined by Florida Crushed Stone and approved by the District. This methodology shall be submitted by April 1, 1987. Florida Crushed Stone shall submit a break down of water used by the power plant, crushed stone plant, cement plant, lime plant, and combined total. This data shall be reported to the District by the tenth day of the following month.

6. Condition II.M. shall be changed to read:

M. Water Use Plan

Florida Crushed Stone shall make maximum utilization of recirculated water from its cooling pond/impoundment up to the combined total of ~~144~~ 216 MGD of cooling pond water and ground water as shown in its water use plan (Figure 3.3-1) as shown on page 7 of Exhibit I attached. Water withdrawals at the site shall be used in accordance with such water use plan, including recirculation and reuse of cooling pond water. Prior to construction of new ponds in addition to 4, 5, and 7, Florida Crushed Stone shall provide to the Southwest Florida Water Management District design calculations and other information needed to demonstrate that ponds comprising the revised surface water management system will have adequate storage capacity to capture seasonal excess rainfall needed for subsequent withdrawal during dryer months to satisfy the water use plan.

3. The Department proposes to adopt the preceding modifications and Conditions of Certification on May 26, 1987, unless a party to the proceeding should request a hearing on the proposed agency action modifications prior to that date.

DONE AND ORDERED this 16TH day of July, 1987, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Randall L. Armstrong for
DALE TWACHTMANN
Secretary

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FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

C. Hutchinson — Clerk

7-17-87 — Date

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing Notice of Final Agency Action was furnished to the following by U.S. Mail this 20th day of July, 1987.

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