Florida Department of
Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

September 7, 2007

Electronically Sent – Received Receipt Requested

GaryWiller@Cogentrix.com
Mr. Gary E. Willer, General Manager
Indiantown Cogeneration, L.P.
P.O. Box 1799
13303 SW Silver Fox Lane
Indiantown, Florida 34956

Re: DEP File No. 0850102-014-AC
Indiantown Cogeneration Plant
Railcar Lime Unloading System

Dear Mr. Willer:

The Florida Department of Environmental Protection has reviewed your application to make some minor modifications to Air Construction Permit No. 0850102-009-AC that authorized the installation of a railcar lime unloading system as an integral part of the Lime Handling System at the Indiantown Cogeneration Plant. This Air Construction Permit Modification (0850102-014-AC) revises the language of certain specific conditions of the previously issued permit. Specifically, this permit modification: (1) corrects the description of the surge hopper emissions control device; and (2) removes the requirement for initial particulate matter (PM) emissions testing for the emissions control devices of the railcar lime unloading system. There are no air pollution emissions increases associated with this permit modification. The current air construction permit for the railcar unloading system has not yet expired. Therefore, the changes requested will be addressed as an air construction permit modification.

MODIFICATIONS TO AIR CONSTRUCTION PERMIT NO. 0850102-009-AC

Certain specific conditions in Air Construction Permit No. 0850102-009-AC are hereby modified as shown below.

Double-underline denotes additions and strikethrough (~~strikethrough~~) indicates deletions.

Specific Conditions 2, 3, 4, 6 and 11 are modified as follows:

2. Railcar Lime Unloading System: This permit authorizes the construction activities necessary to add a railcar lime unloading system to ARMS Emissions Unit 006. In general, the equipment consists of a system that allows the unloading of the gravity flow-type railcars through a dilute phase, combination vacuum and pressure pneumatic transfer system at a rate of 25 tons per hour (TPH) of lime. It is estimated that it will take approximately 4 hours to unload a 100-ton railcar.

The modified Lime Handling System includes an existing lime silo bin vent filter baghouse, a new filter receiver baghouse, and a new surge hopper ~~baghouse~~ cartridge filter. [Applicant request.]

3. Visible Emissions (VE): Visible emissions from ~~each of the three lime handling system baghouses~~ the two lime handling system baghouses and the cartridge filter shall not exceed 5% opacity. [Rule 62-297.620(4), Florida Administrative Code (F.A.C.)]

4. Particulate Matter (PM): Particulate matter emissions from each bag filter and the cartridge filter exhaust of the lime handling system shall be limited to 0.010 grains per actual cubic foot. [PSD-FL-168, Specific Condition No. 11; and Applicant request.]

6. Initial Compliance Tests: Each unit shall be tested to demonstrate initial compliance with the VE ~~and PM emissions~~ standards specified in this permit. The initial tests shall be conducted within 60 days after completing construction of the project and achieving maximum production capacity, but not later than 180 days after initial operation of the unit with the railcar lime unloading system. [Rule 62-297.310(7)(a)1., F.A.C.]

11. Particulate Matter: ~~EPA Method 5~~ A VE test using EPA Method 9 shall be used to determine initial compliance with the particulate matter emissions limitation specified in Specific Condition 4. Thereafter, the annual VE test shall serve as a surrogate for the PM emissions test. [PSD-FL-168, Specific Condition No. 19.; and Rule 62-297.620(4), F.A.C.]

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

Joseph Kahn, Director
Division of Air Resource Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this air construction permit modification was sent electronically (with Received Receipt) before the close of business on 9/7/01 to the person(s) listed below:

Gary E. Willer, ICLP: GaryWiller@Cogentrix.com
Nick Laryea, ICLP: NicholasLaryea@Cogentrix.com
Lee Hoefert, P.E., Southeast District Office: lee.hoefert@dep.state.fl.us
David A. Buff: dbuff@golder.com
Katy Forney, EPA Region 4: forney.kathleen@epa.gov
James Little, EPA Region 4: little.james@epa.gov

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

Barbara J. Tuday 9/7/01
(Clerk) (Date)