



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

November 19, 2007

Electronically Sent -- Received Receipt Requested.

kasheffield@tecoenergy.com

Ms. Karen Sheffield, General Manager

Big Bend Station

Post Office Box 111

Tampa, Florida 33601-0111

Re: DEP File No. 0570039-030-AC
Air Construction Permit Modification -- Unit 3 SCR System
Duct Work Separation for Scrubber Tower

Dear Ms. Sheffield:

The Florida Department of Environmental Protection ("the Department") has reviewed your application to make some minor modifications to Air Construction Permit No. 0570039-022-AC that authorized the installation of a selective catalytic reduction (SCR) system for nitrogen oxides (NO_x) control on the facility's Unit No. 3 coal-fired boiler. This Air Construction Permit Modification (0570039-030-AC) adds one specific condition to the previously issued permit. Specifically, this permit modification authorizes the construction work for duct work separation as part of a scrubber tower separation initiative. The current air construction permit for Unit No. 3 has not yet expired. Therefore, the change requested will be addressed as an Air Construction Permit Modification.

MODIFICATIONS OF AIR CONSTRUCTION PERMIT NO. 0570039-022-AC

Double-underline denotes additions.

New Specific Condition **A.14.1.** is added as follows:

A.14.1. Currently, Units 3 and 4 of the facility share a common flue gas desulfurization scrubber and common stacks. During normal operation, flue gasses from both units are routed to this common scrubber. With this air construction permit, the permittee is authorized to perform the construction work for duct work separation as part of a scrubber tower separation initiative. This initiative (to split the common scrubber) is necessary in order for the plant management to perform maintenance on one of the units while the other unit is operating. As a consequence, the towers will also be split and the duct work configured, dedicating a stack to each unit.

[Rule 62-4.070(3), 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 PERMIT MODIFICATION was sent electronically (with Received Receipt) before the close of business on 11/20/07 to the person(s) listed below:

- Karen Sheffield, General Manager, TEC kasheffield@tecoenergy.com
- Byron Burrows, TEC btburrows@tecoenergy.com
- Tom Davis, ETC tdavis@ectinc.com
- Mara Nasca, FDEP-SWD mara.nasca@dep.state.fl.us
- Jerry Campbell, HCEPC Campbell@epchc.org
- 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.

Mary J. Harty 11/20/07
(Clerk) (Date)