

## **Koerner, Jeff**

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**From:** Koerner, Jeff  
**Sent:** Wednesday, February 27, 2008 9:18 AM  
**To:** Koerner, Jeff  
**Subject:** Georgia-Pacific - SO2 Revision Project for No. 4 Recovery Boiler

### **Project Description**

The current Title V air operation permit includes the following limits for sulfur dioxide (SO<sub>2</sub>) emissions.

E.7. Sulfur Dioxide Emissions shall not exceed 75 ppmvd at 8% O<sub>2</sub>; 109.9 lb/hr and 481.4 TPY, based on the average of three (3) test runs conducted in accordance with EPA Method 6C, EPA Method 8 or NCASI Method 106 (Method 8A) to measure the SO<sub>2</sub> concentration and Methods 1 through 4 to measure the volumetric flow rate. [BACT; Permit #AC54-266676; PSD-FL-226]

The applicant requests an air construction permit to revise this standard to 100 ppmvd at 8% O<sub>2</sub> based on a 24-hour average, excluding startup and shutdown. During startup and shutdown, fuel oil firing will be restricted to a 24-hour average of no more than 47 gpm (equivalent to a rolling 24-hour total of 67,680 gallons). The maximum fuel sulfur content will be 2.35% by weight.

### **Background**

In Project No. 1070005-038-AC (PSD-FL-380), Georgia-Pacific requested clarification of the SO<sub>2</sub> emissions standards and No. 6 fuel oil firing restrictions for the No. 4 Recovery Boiler (EU-018). However, prior to issuance of Permit No. PSD-FL-380, that request was combined with Project No. 1070005-045-AC (PSD-FL-393) to modify the No. 4 Combination Boiler. On November 9, 2007, the Department received the necessary information to process this request. For clarity, this project is now being issued as a separate minor source air construction permit (Project No. 1070005-050-AC) to address only the oil firing and SO<sub>2</sub> conditions for the No. 4 Recovery Boiler. This project file contains only the pertinent documents related specifically to the SO<sub>2</sub> revision. See these other files for additional application forms and supporting information.

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