

6-23-06

Koerner, Jeff

From: Koerner, Jeff
Sent: Friday, June 23, 2006 12:09 PM
To: David Buff (dave_buff@golder.com)
Subject: US Sugar Boiler 8 - Steam Increase, Startup and Modification of Bagasse Conveyors

David Buff, P.E.
Golder Associates Inc.
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Dave,

On June 7, 2006, we received the application for a modification to the Boiler 8 PSD air construction permit to increase the steam rate, identify startup conditions, and modify the bagasse conveyor system. I reviewed the application and have the following questions and requests for additional information.

1. Steam Rate Increase: Please submit some operational data indicating the steam rate of Boiler 8 as constructed.
2. Startup: Please submit some operational data during a long startup indicating: load, oxygen, ammonia injection rate, and CO/NOx emissions. Are there "hot" startups and "cold" startups?
3. Please identify the problems with the installed baghouses and provide additional details on the physical changes to the existing conveyor system. Define "bagacillo". What does the bagacillo cyclone control? Provide additional details on the design of the bagacillo cyclone. Is there vendor information to support > 99.99% control?

Please call if you have any questions.

Thanks!

Jeff Koerner, BAR - Air Permitting North
Florida Department of Environmental Protection
850/921-9536

P.S. I'll be out this afternoon, but back on Monday.