

Koerner, Jeff

6-30-06

From: Don Griffin [dgriffin@ussugar.com]
Sent: Friday, June 30, 2006 1:22 PM
To: Koerner, Jeff
Subject: RE: US Sugar Boiler 8 - Steam Increase, Startup and Modification of Bagasse Conveyors

thanks

From: Koerner, Jeff [mailto:Jeff.Koerner@dep.state.fl.us]
Sent: Friday, June 30, 2006 11:56 AM
To: Don Griffin
Subject: FW: US Sugar Boiler 8 - Steam Increase, Startup and Modification of Bagasse Conveyors

Don,

I meant to copy you on this ...

Jeff

From: Koerner, Jeff
Sent: Friday, June 30, 2006 11:55 AM
To: 'Buff, Dave'
Subject: FW: US Sugar Boiler 8 - Steam Increase, Startup and Modification of Bagasse Conveyors

David Buff, P.E.
Golder Associates Inc.
6241 NW 23rd Street, Suite 500
Gainesville, FL 32653
(352) 336-5600

Dave,

I spoke with Cleve briefly about the increase in steam production. He pointed out that it also resulted in an increase in the maximum heat input rate as well as the short-term emissions that formed the basis of the original Air Quality Analysis. In addition to the previous questions, we will also need a revised PSD netting analysis and Air Quality Analysis for the modification.

If you have any questions, please give me a call.

Thanks!

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

8/12/2006

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.
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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?

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