

Lopez, Catherine

From: Greg Retzlaff [greg.r@tfp-hi.com]
Sent: Wednesday, February 27, 2008 2:58 PM
To: Lopez, Catherine
Cc: John_Lague@URSCorp.com; William_Steiner@URSCorp.com
Subject: Startup questions

Hi Cathy
I was able to catch the manufacturer right away and he provided the following information in response to your telephone question today concerning the operation of the ESP:

There is a startup sequence that is dictated or controlled by the boiler electronic controls. The boiler is not allowed (electrically interlocked) to admit any fuel until the ESP is operating. The equipment that admits fuel will not be permitted to start until the ESP is energized.

On shutdown, the ESP will continue to operate until the boiler combustion air fans are shut down. So on shutdown, the requirements are more stringent. By that I mean, that the controls are not interlocked with the fuel supply (for shutdown) but rather with the combustion air fans. So this means that the ESP will continue to operate until not only the fuel supply is interrupted but all combustion has been completed and the fans are finally shutdown. Even though the fuel supply is shut off, the ESP must continue to operate until the fans are shut down.

Please let me know if you have any further questions about the ESP operation. We are most anxious to receive the final air permit and want to do whatever we can to assist you with your work.

Greg