

Cliffside Refiners Limited Partnership Meeting

October 15, 2019 @ 9:00 AM

Attendees:

(Cliffside) Mark M. Rodney C. Brad H.
(Downtown) Emress B. Sam B.
(NOC) Cindy G.
(CRLP) Nick D. Bob L. Bobby S. Sarah F. Tom H.
Nick H. Brad B. Tony K.

Roll Call

➤ Noted

Antitrust applies, multiple companies on the call.

Nick D.-K200 compressor BLM was working on some electrical items. I got information that they may be near completion.

Mark M.-We have a sticker on the soft start unit now. We started it up three times to shut it down three times to prove that each of the emergency shut down switches work. The soft start hardware, the terminal circuit boards and the CPU circuit boards, sort of functioned that morning and we have new boards on order because we still feel there are bugs in the system.

Nick D.-“Reliable to a point” what does that mean?

Mark M.-When it first didn't function properly it cast an err of uncertainty.

Sam B.-We have tried it but it might not work the next time.

Mark M.-That is why we have new parts on order.

Nick D.-Do we have any evidence that you are comfortable with your protective relays.

Mark M.-I am Nick. We have installed new terminal blocks in each of the shutdown devices so all three of those have dual terminal blocks in them. One set going to the PLC one set going to the whole new set of wiring all the way back to the soft start unit.

Nick D.-Questions or comments?

Brad B.-Back to the emergency shutdowns being tied directly into the breaker, it sounds like they did a thorough function check on those three shutdowns but that's not what the issue was when the board locked up. The relay and how the board locked up that is what would come in to play and would still be a concern to me until the new boards are put in. As far as getting the

team back out there I will know more Thursday or Friday. The week of the 28th is likely but depends on this outage we are on, we kicked it off this morning.

Mark M.-The leadership team has a mandatory training that week so we will all be at that training that week.

Nick D.-I'm not sure I feel comfortable with starting the compressor with all management gone that week.

Sam B.-I hear you I can't say that I disagree with you. We can't get out of it. Rodney will be here and I don't know who else. It is the least expensive to the government to train us all at one time.

Nick D.-Brad you and I need to talk about that. Any other K200 questions? Ok moving on.
Anything we need to address on operator training.

Mark M.-We just had a meeting the training is not scheduled yet.

Nick D.-Any comments on projects?

Mark M.-The ETA for crane parts is this week so we will make sure the service follows without any delay. The BLM ORI progress report, Ted and I went through them and got a clean update, Ted was going to do a posted update on Friday the 11th but was delayed due to start up so hopefully he can get to that this week.

Nick D.-Any other comments on projects? November 4th plan received proposals from Praxair and Air Products up to me to get the CRLP proposal together so I can get that to Melissa she asked for that by the 21st. I would like to have some data from BLM, no costs of course. I would like to weigh out the resource conflicts. If I can get something before the call next week that would be great.

Tony K.-Am I critical path in that?

Nick D.-K100 cylinders would be critical but I don't know what the scope of work is for the K200 so it is possible. And obviously we need the crane for those jobs. We just need to make sure we don't miss anything that one or more of us didn't think about. Anything else?