

Cliffside Refiners Limited Partnership Meeting

February 2, 2021 @ 9:00 AM

Attendees:

(Cliffside) Mark M. Rodney C. Brad H.
(Downtown) Sam B. Emress B.
(NOC) David S.
(CRLP) Nick D. Bobby S. Bob L. John S. Brad B.
Kaylyn S. Mike D. Nick H.

Roll Call

➤ Noted

Nick D.-Antitrust guidelines apply. If there are any questions, please let me know.

Any update on COVID?

Sam indicated that there was the federal mandate about masking but that there are not any new details to that.

On to the operational update. We had an outage on Thursday or Friday. We will let Mark give us the details on the outage and the restart and where they stand now.

Mark M.-Plant is running stable. Temperatures and pressures on target. We were producing into the Kinder Morgan pipeline by Saturday afternoon. The plant tripped Friday afternoon. The main motor on the south instrument air compressor went out and the fuses did not blow. The main plant relay detected the ground fault and it shut down. That was the equivalent of a SD1. The plant electrician and the instrument mechanic were on site and reset the breaker and diagnosed the rest of the problem quickly. Pressure was high at shutdown. Over the next 24 hours the pressure went down 80 pounds. We did a startup Saturday night. We were having trouble getting valve 2057 open, the block valve going to the methane pump. After shift change we kept doing communications on operator station A and got it open. The verbal frequency drive to the K600 oil cooler fan shut down on fault code 2. Reboot of that device clears the fault.

The DGA boiler lit on the first try and that was impressive.

Nick D.-Back to the shutdown, Atlas Copco compressor, the failed motor that tripped the breaker then tripped the plant. Atlas Copco has a design for that and then plant electrical ties into that and then there is the overall plant design. I'm not clear on where the ownership CRLP or BLM. A number of months ago we had discussions about spare motors. Do we have spare motors?

Mark M.-We had good response from Atlas Copco throughout the day. A gentleman named Kurt arrived and instructed us to pull the motor out. There is no ability to get a forklift in there to get the motor out.

John S.-It is on my list to talk to Atlas Copco to get a replacement effort.

Nick D.-If you would just follow up and let me know if we need to do anything there.

Where do we think the motor itself tripped. Is that on Atlas Copco or the electric company?

John S.-I will have my team see if there is an electrical correlation study. It may just be the components of the air compressor to the main that tripped that need to be traced to see what happened.

Mark M.-I think it may be the fuses themselves, they are slow burn and time delay fuses. And is 150 amp the size that we need.

We have the heaters on the skid for the dryer so IF that was in the cycle where neither side was heating and our protection includes both of those, then that lack of voltage draw was the factor.

Nick D.-Ok that is the current operation items. System bypass review is next.

If there are any that came out of the startup let's just make sure all parties know about it.

Move on to maintenance projects mainly outage planning. John had sent a note this morning that the Linde team would be available late February if the opportunity presents itself. The week of February 22nd was proposed.

Sam B.-We saw the emails that just came in, but I believe there is an additional issue. Xcel has requested work for the electrical system in February as well.

Mark M.-Those dates were last week until the end of the week. If the plant went down now, then the plant would not be able to start up again until Friday.

Sam B.-So it looks like this Xcel work will not interfere with Linde work. Let's be aware that Xcel may have delays as well, so it just needs to be mentioned in the meeting.

Nick D.-John just coordinate as closely as you can with Mark and his team. This time of year, it could be weather depending.

That is the first on the maintenance, John's team would finish up the week of the 22nd that would give us plenty of time to get the line packed up before Brad's team goes in there on March 15th.

Sam B.-If there are any issues with those dates please call me as Mark Welch is out on vacation this week. 806-356-1002

Nick D.-I did look back and it was 9 years ago that we replaced those AC units in the control room. Mark you can follow up with me or however you want to do that. That's all I have,

anyone else have subjects they need to discuss today. Ok we will be listening to you in a little while Sam.