

Cliffside Refiners Limited Partnership Meeting

December 3, 2019 @ 9:00 AM

Attendees:

| | | | |
|-------------|-----------|----------|-----------------|
| (Cliffside) | Barry S. | Brad H. | Rodney C. |
| (Downtown) | Emress B. | Sam B. | |
| (NOC) | David S. | Cindy G. | |
| (CRLP) | Bob L. | Nick D. | Nick H. Brad B. |
| | Bobby S. | Sarah F. | Tony K. |

Roll Call

➤ Noted

Antitrust applies, multiple companies on the call.

Nick D.-update on safety incident with switch gear?

Barry S.-I don't have an update.

Nick D.-Bobby you were just working to ensure that Linde procedures for having contractors on site were robust and notifying BLM personnel about incidents. You might follow up with Tony.

Bobby S.-Will do.

Nick D.-7 projects back on November 25th, Brad B. and I had a teleconference call with Melissa H. about these projects. We had a good call. What you see in the list is more or less what we agreed to.

Brad and I agreed that later this month or January we would have the information to decide to take a side stream off the CHEU

CRLP has agreed to support the effort. BLM agreed that #2 would take precedence over operator training.

Building ventilation is active project. We have identified, feed gas metering building and 2 compressor buildings have been taken off of the scope. Brad has agreed to revise scope, it is more about getting the buildings in order.

CASHE audit items maintenance history for equipment. Ken Morin agreed that rather than printing and designing all of this history. Should BLM have an audit, Air Products and CRLP

would provide information as requested. No further action on number 4 and number 5. BLM would put in their process how they would address these items and data requested.

Operator training deferred until after number 2.

Number 7 raise vents for K600 and

I didn't really see a need for that and Brad agreed that he didn't really see a need for it. Ken Morin agreed that it is suitable to not do any elevation to the vents.

Nick D.-K compressors, the suction strainer was taken out, condensate had been found, you also said that you found some debris. Tentatively restarting the K200 after Thanksgiving.

Barry S.-We still plan on implementing it we are looking at some PLC work to make the valves work better. I plan on putting them on automatic right where they are flowing now. I think that we can start integrating the 200 compressor into it and hopefully get a smooth process.

Nick D.-DGA are we still having issues there?

Barry S.-There are still some things I sent you pictures of the inside, I didn't realize we had pictures of the filter housing and when we changed the filters this last time there was about 3 inches of activated carbon in the bottom of that. I'm thinking that the carbon is breaking down and going through the system. I haven't bypassed the carbon completely but I am thinking the strainer is full of carbon too. We did have the MOC in place of bypassing the shut down on the wave guide level control, we just got the valves to put the indicator system in yesterday afternoon so hopefully we will have that in today. I'm not sure that we didn't get a faulty wave guide but it needs to be checked out for sure.

Discussion about coupons.

Barry S.-Roya the Chemist does them.

Brad B.-Air Products would get report and they would discuss it.

Nick D.-Roya works for who?

Sam B.-Joe Peterson

Nick D.-Can we talk to Joe to get the report so we can distribute it?

Sam B.-We can have Joe talk to Huntsman. I will follow up with Joe.

Nick D.-I want to back track a little, Sam were you on the call then when we discussed the K200?

Sam B.-No I was a little lat.

Nick D.-Barry has some action items he wants to engage in. What we are looking for is a plan.

Sam B.-If we have the funding and Barry has identified what we need then what is missing?

Nick D.-A start-up date.

Sam B.-We have had problems with that in the past.

Barry S.-We don't know availability and with the holidays coming up we don't know when the date will be.

Sam B.-They want to know the outside limit of when they can see a reliable production of the booster compressor.

Barry S.-I can't guarantee a date and I don't want a mark on my back.

Sam B.-It sounds like we are confident to do the work but we are not comfortable putting a date on it because of variables. So mid-January would be a far out date. The issue is putting a date out there and not meeting it.

Barry S.-There is still PLC tuning that needs to be done and I don't have the availability of that in my hand.

David S.-The work for PLC has not already been authorized. Can we have a phone call after this?

Sam B.-Yes.

David S.-I'm 99.9% sure that we have a contract in place that can support this. There are some things I need to finalize before I can call this contractor.

Sam B.-So that is where we are to get this going. Barry will get the gas in as soon as we can but we have to get the resources in order to do that.

Nick D.-Anything else for the meeting this morning?