

Cliffside Refiners Limited Partnership Meeting

March 19, 2019 @ 10:00 AM

Attendees:

(Cliffside) Emress B. Mark M. Brad H.
(Downtown) Alex C. Sam B. Amanda C.
(NOC) Heath M.
(CRLP) Nick D. Nick H. (Linde) Bobby S. (Praxair)
Tony K. (Praxair) Bob L. (Air Products) Sarah F. (Air Products)
Jeff. W. (Praxair) Brad B. (Air Products)

Roll Call

➤ Noted

Antitrust Issues

Nick D.-Provided to list of attendees on call, if anyone has any questions please let me know

1. Booster Compressor

Nick D.-Solicitation responses were due last Wednesday. Heath if you could tell us what is new.

Heath M.-It has not been awarded just yet. There were a lot questions that came in during the solicitation period so because of that we extended the quote date out until yesterday at 10:00 am MT. We are going through the quotes and hope to have an award made this week. We had to extend to get better quotes.

Nick D.-So this time next Tuesday you would have awarded the contract?

Heath M.-That is the plan.

Nick D.-So that still gives us 2 weeks to mobilize the contractor and get their welders certified and get started and have the outage the week of the 8th. So that still seems fine for now in my mind. The other part of the booster project is that there are a couple of sign off lists so I didn't get a chance to forward it to everyone I will send that out later. It is basically a list of some items that BLM and CRLP will review and sign off on to validate that the installation complies with CRLP operational standards. Brad and Alex the two of you are working toward syncing your list to my understanding.

Brad B.-That is correct.

Alex C.-Yes I talked to Brad yesterday and it looks like we will start signing off on things April 1st.

Amanda C.-Why are we waiting until next week to sign off on that?

Brad B.-I think when we get into it all the things on the list aren't critical path items.

The two critical items are around leveling the compressor and the arc flash study. We have to provide Alex the background and information in order to resolve that and then he works with Heath to get approval or non-approval.

Nick D.-Can we move forward with approval that we already have or is it something that needs to be accommodated. What arrangement do we need to make with CRLP/BLM.

Heath M.-I need to have what it is so that I can try to make it fit or come up with a solution.

Nick D.-Until we have all of the information that Alex can report to Heath then we aren't able to get that done.

Brad B.-The engineering team in Allentown will have a scope to me this week so I can give it to Sarah. We haven't been successful with getting in contact with the people who did the arc flash study. He left us with I will have to get with my business manager to see if I should still be working on this and we haven't heard anything back from him. The main breaker is set for 2880 amps and the downstream buss that the relay is protecting is only rated for 1200 amps. So it could have been a lot faster if we would have had him just change some things. But I don't think that is going to occur and we are wasting time. So we've gone back to give us the hours it is going to take to do this study and then get the relays reset as per the study and that's what we are waiting for now is an estimate from our team.

Nick D.-I would stay the course for the week of the 8th if everyone is ready. We can always change that if needed. I understand that there are concerns.

Amanda C.-I just want to make note of our concerns. You have as much interest in this as we do we are trying to minimize the disruption to the feed.

Tony K.-If we can't do the 8th the next available for the contracting team would be the 29th.

Nick D.-If Heath runs in to issues then we will have to reconsider.

Amanda C.-If the contract is awarded the end of the week that means they would have to mobilize the 1st of April to have any work done in the field.

Brad B.-The prefab work of the outside work would be able to start immediately.

Nick D.-Outage I don't want to get into details. Tony that is good and Brad that is good?

Brad B.-Yeah

Amanda C.-We will make it work.

Nick D.-Is there anything else? The odor issue was brought up, the answer is no we don't plan on doing anything with that right now. The two parties need to get together and see if a modification is even warranted.

Amanda C.-The focus should remain on the booster, if we are having an outage I would like to do some things with CRLP partners at our side.

Nick D.-Not when it comes to working on the process equipment.

Sam B.-The BLM proposed a solution I thought we were past that.

Nick D.-I don't think we ever agreed there was a solution.

Amanda C.-We need to have an outside call about this.

Sam B.-We sent a design and a suggested solution you did get that right?

Nick D.-I believe there were more than one. We will have to go back and look

Amanda C.-Is the packet that you sent the work that is proposed for the shutdown?

Nick D.-It is a list to look at and go off of it isn't necessarily that.

Nick D.-The K compressors, the chiller, the motors, the electrical, cleaning of fin fans, all of that and there maybe some other stuff. If you have some more to add we can look at that.

Amanda C.-I want to make sure that we have de-scaling of the K600 somewhere in the scope.

Tony K.-As long as we have our clean crew available.

Amanda C.-The DGA burner system checkout, Air Products was going to do analysis.

Brad B.-That is re-validation, we have that on the list. We were going to look at the recycle valves as well.

Amanda C.-The information on the K100 you are passing that information around, we want to make sure that everyone knows and that you are going to look at it. And our cylinder 3 is running hot and has been for weeks and cylinder 5 having the ghost vibration issue. Any little quirks that come up we are going to tell you guys so that everything is going to get looked at.

Nick D.-Tony or Mark can answer any questions about scope. They typically change out all valves. The old ones will be rebuilt. They will do a variety of measurements and based on readings there may be additional work but you won't know that until it is opened up.

Amanda C.-Mark Musick can you verify with operators about any concerns so that we can send them up.

Mark M.-We will do that on a daily basis.

Nick H.-I think we should delay at least a week because of the new contractor. I don't think it will cost anything to delay it. It seems wise to delay it so that we know the contractor is in place before taking the outage.

Nick D.-I hear you. We should have up to 2 weeks before the outage for them to get everything in order. If contracting is delayed we will re-think it.

Amanda and I will get together on a separate call and talk about side projects like odor issue. Brad and Alex will look at validation list. Hopefully the next call will get things lined up. The other issue is the machine alignment and the electrical studies.

Amanda C.-CO2 analyzer status? Do we have a proposal?

Brad B.-We reached out to them yesterday, we have a follow up phone call today.