

Cliffside Refiners Limited Partnership Meeting

May 28, 2019 @ 10:00 AM

Attendees:

(Cliffside)	Mark M.	Barry S.	Rodney C.	Brad H.	Tim D.
(Downtown)	Alex C.	Amanda C.	Emress B.	Sam B.	
(NOC)	Heath M.				
(CRLP)	Nick D.	Bobby S.	Bob L.	Sarah F.	Nick H.
	Tony K.	Tom H.	Brad B.		

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 Project

Nick D.-When we last spoke the work was supposed to be completed June 7th.

Heath M.-There is a delay with the welding there are some contractual negotiations going on.

Nick D.--Not critical path though.

Heath M. -No.

Nick D.-Did we get some of the welds done?

Heath M.-No they didn't do anything last week. As soon as they are back in the field we will let you know.

Nick D.-Arc study we talked about last meeting. The contract for testing and implementation is parallel.

Alex C.-Still on schedule on site tomorrow to do field survey.

Nick H.-Do you think those dates are realistic?

Heath M.-They are the estimated dates that we have right now.

Amanda C.-Yes. For the ORI list we are still working on sign offs. It requires a lot of dedicated time to get it done.

Nick H.-How many items are on the list outstanding?

Amanda C.- I want to say we have about 50% signed off on I think. I think we are down to about 50.

Nick D.-The work that could be done prior to commissioning is done though maybe not signed off, so how many items are there before start up?

Amanda C.-There are still things that need to be done. There are ones that we started that need more documentation or something else to complete the item.

Brad B.-Example is a very simple fix on the heat tracing. It needs a ground fault interruption. This was not being looked at all the time because of all the work going on. We were all busy. They aren't issues that can't be resolved fairly quickly.

Nick D.-K100 final parts shipped should see them this week. We have to schedule this if we want to get to it. There are a number of issues. So from CRLP side we need to plan for a time to change that out. Brad was wanting to change out the ignitors. The cylinders would not be changed out since they are not in yet.

Sam B.-So we would take the plant down twice?

Nick D.-I think the cylinder thing got over played.

Sam B.-Has Mark C. ever commented on the cylinders?

Nick D.-The level of wear shows that it is increasing. Unless someone saw something different then we should get them on order.

Sam B.-And what about the vibration alarms?

Nick D.-There isn't a vibration detection that looks at cylinder wear.

Tony K.-The problem would be blow by, you wouldn't see vibration unless there was a problem with the rings.

Sam B.-So the driver is the oil consumption?

Nick D.-You are concerned about the oil and I am slightly concerned about the machine. Unless someone would suggest otherwise I suggest in the next weeks we should take the machine down and get it fixed.

Nick H.-Where did the oil go?

Brad B.-It leaks from the scraper packings so it goes into a waste container and is refilled with new oil.

Nick H.-I say then to take it when we are ready to take it out and have all of the parts required. Sooner rather than later.

Brad B.-A lot of the same work for the scrapers will be required for the cylinders. There is no real way of knowing which is leaking unless you take some temps.

Nick D.-If you can get me that number because the Bureau is interested as well. We could maybe still have them mid-June. We could maybe extend the outage into day two. And as Brad said you don't really know where the leakage is until you get in there. Tony you can get me the number I will get it to the Bureau and we can get that approved and on an order in a day or so. Call on Thursday about training. Methane pump be back later this week, any change?

Brad B.-Not from my side.

Sarah F.-There was more work that needed to be done. There will be another update.

Nick D.-Analyzer. Brad I saw your note. Putting the sampling system back together. We said by the end of June, unless there is some change we will hold to that. Melissa and I had a chat and went through all of these issues on Thursday. We are having a lot of

different calls and emails. Spare part issue, Melissa authorized purchase of a spare motor.