

Cliffside Refiners Limited Partnership Meeting

February 12, 2019 @ 10:00 AM

Attendees:

(Cliffside) Emress B. Mark M. Brad H. Rodney C. Barry S.
(Downtown) Alex C.
(NOC) Heath M.
(CRLP) Nick D. Brad B. (Air Products) Sarah F. (Air Products)
Nick H. (Linde)

Roll Call

➤ Noted

Antitrust Issues

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

1. FAR Contract Invoicing

Nick D.-Nothing new to report

2. Review Plant Issues, Projects and Events

1. DGA Burner

Nick-nothing new

2. South CH4 Pump

Brad B.-delivered today, installing over the next few days. Have spare parts also to put on the shelf. I got a report back that the motor had some problems. The report says that it was over greased and that the grease is not compatible and was pushed into the windings.

Barry-I will look into that and I would like to see the report.

3. DGA CO2 Analyzer

Brad B.-that is installed, we have found several leaks on the span gas and on the zero gas. The purifier was saturated so it had to be replaced. Put on straight nitrogen last night and should be back in service today if it does stabilize.

4. DGA Pump

Nick-Take off the list for next time

5. Process Building Ventilation

Nick-deferred

6. Waukesha Compressors

Nick-waiting on parts

7. Booster Compressor

Nick-weld failure issues identified, had x-ray work over weekend

Alex-majority x-rayed as of Monday they had done 77 of them, 71 will have to be re-done. The ones they couldn't access they will do tonight. There are ones in the bypass that we are using now so we will have to have a shut down before using the compressor. There are about 96 total.

Nick H.-can you tell the plan for doing the welds?

Alex-BLM will bring in contractor to repair welds as needed.

Nick H.-what is the timeline for doing repairs?

Alex-it is looking like a couple of weeks right now, the contractors will let me know after they inspect the rest tonight

We are definitely not going to reach the March 1st date.

Heath-it is going to be hard to give a specific date on that.

Hopefully they will begin work either at the end of the week or this weekend.

Brad B.-are these welds just repairs or cut outs?

Alex-there are a lot of cut outs.

Brad B.-so now we are going to create more pipe stress and how do we get to CRLP sign off?

I don't know how I can sign off on that; that is something we have to figure out.

We need to stay ahead of this.

Nick-The BLM has job of repairs and then CRLP expectation is as you do repairs you do x-rays so we don't have to wait. Alex should hand off x-rays to Brad so they can review and say yes new welds are satisfactory which satisfies CRLP. Next Air Products tests the pipe stress.

Alex-I don't understand the extent of Air Products work in the pipe stress.

Can BLM have contractor do pipe stress and give results?

Brad B.-I just worry about the contractor that we are using but if they meet the spec then fine. But we got here based on the work of the government contractor, that is the concern that I have. If I can be out there to view the test then I could sign off on that.

Sarah-I'm still not clear on how the validation is done.

Alex-A proposal from CRLP for Brad to be out there when we do the inspection.

Heath-It will be Air Products contract with CRLP.

Nick-It will kind of be a time and materials proposal, I will send it to Amanda, Alex, and Heath

8. **Training Proposal**-still planning

3. **CRLP Plant Visits**

Week of February 18th proposed by Bobby S.