

## Cliffside Refiners Limited Partnership Meeting

September 11, 2018 @ 9:00 AM

### Attendees:

(Cliffside) Barry S. Tim D. Brad H. Mark M. Emress B.

(Downtown) Alex C.

(NOC) Heath M.

(CRLP) Nick D. Bobby S. Tony K. (Praxair)

I. Call to Order

II. Roll Call

- Noted

III. 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

2. Review Plant Issues/Deficiencies

**Nick**-I know there was the CHEU outage last week but it went back up fairly easy. Was related to a switch do you have any specifics?

**Barry**-It was a pressure transmitter. A lot of the 1151 transmitters are nearing the end of their life cycle. We are going to change one on the scrubber on the 600 this morning and we are going to change the feed to the cold box transmitter this morning after Marty gets in. The 1151 are obsolete, the 3051 is the new one, and the main difference is that the heart communicator has changed. So some of them our heart communicator will talk to and some not. We are looking at buying a new one in the new fiscal year.

**Mark**-There are 2 level transmitters barely a foot apart on the 600 but the oil transmitter only has 1, maybe if there were 2 then outage would be less likely and less costly.

**Nick**-Adding 2 doesn't necessarily improve reliability, we should check with Brad or Ted and find out if that is a design that is in place

3. Review Projects and Proposals

**Booster compressor**-nothing new

**Training**-week of Sept 24<sup>th</sup> was discussed for Ted to be on site

**DCS proposal**-Service agreement in place with Siemens

**Waukesha #2**-We have been investigating REN meters but Joel says historically they just use that much oil. #1 used more oil after the rebuild. Not real sure whether we are using more than we should.

**Nick**-Do we alternate the Waukeshas or is one run more than the others? We want to make sure that we switch them around so they are get use and not one is carrying the weight full time.

4. **Review Event Horizon**- nothing new

5. **CRLP Plant Visits**

6. **Miscellaneous**

**Nick**-Scheduled maint--the long scheduled maintenance are behind us, Mark Carey has typically worked in the 12-18 month range with the compressors the K100 would come up around December the others would be around March. There is no plan right now, I don't see one being planned before Spring at the earliest. I think we need to evaluate the last 3 years and plan according to that. I would prefer to push it off until Fall 2019.

**Barry**-Motor replacements, I don't know what the readings were on the tests of those big motors. Spring early Summer would be the earliest we are looking at.

**Nick**-Every year we need cooler work, but it would be minimal time.

You mentioned motors, the next time we have an outage we will test the motors. They are getting older but we don't necessarily change them for age. We can watch them for any impending things that would cause them to fail.