

CRLP and BLM Meeting
January 5, 2016 at 2pm CST

Notes taken by Joan Grochowina, Helium Storage Analyst

Present:

BLM: Robert Jolley, Charise Siaz, Brent Gage, Sam Burton, Wesley Ingram, Steve Urbanczyk, Sean Ainsworth, David Reeves, and Joan Grochowina

CRLP: Nick DeMai and Brad Beckley

Discussion Items:

CRLP

Administrative Issues

- Status of new BLM/CRLP Cooperative Agreement
 - Maria Gochis, Branch Mgmt Analyst, ready to sign proposal budget. She is on leave rest of week. Robert will follow up when he goes on his WO detail.
- Authorization to Process Oct-Dec 2015 Invoices – Not impacted by new agreement
- Has 90 days to complete finalization of old agreement.
- BLM "Fuel" Reports
 - Provide fuel reports by Friday, January 8, 2016
- CHCS Agreement Termination
 - De-select 1 of 3 Waukesha compressors
 - Keep Waukesha 1 and 2 running
 - Redesignate Waukesha 1 and 2 and decommission Waukesha 3 in writing.
 - Mod Agreement swap 1-2 in lieu of 2-3 compressor on site, not being used just maintained.
 - Nick will verify with non-operators to ensure this is agreed with by all
 - Running Waukesha 2 – half capacity
 - CHEU can run w/one compressor running 1 or 2 – maintenance on one; one running all three can work.
 - Keep Waukesha 3 alive and available for use
 - with permission from CRLP.
 - Turn over to make sure it runs
 - Desired level of maintenance for idle Waukesha compressor
 - Minimal, but not zero
 - Maintain oil levels, start, run
 - If needed request use from CRLP
 - Could use parts at CRLP approval

Projects

- Action Plan for Feed Gas Compressor Integration with CHEU
 - Have available for low flow
 - Bus Bars from original supplier (Las Crusas, NM)

- DCS Installation Punch List
 - W/Mangan & CRLP
 - Cisco ASA Device

- Waukesha Building Air Sampling & Alarm System
 - 75% complete possibly another week
 - Going OK
- **Three things (Robert)**
 1. Sole source Bus Bar
 2. Engineer design
 3. Feed information to Brad Beckley

BLM

- Discussion relating to remaining work at Cliffside in preparation for the Low Flow Study and commissioning of the feed gas compressor.
 - Low Flow – Period of Performance
 - Field compression ends February 2016

- Brad has several issues. One of the issues is about the pressure switch and air turnover.
 - Flammable atmosphere (3 evacuation) 88 cu ft per min.
 - Control Scheme-don't have proper ventilation
 - Not continuous running – change temp settings nitrogen purge fans down
 - Radio stat control
 - Brad, Air Products:
 - All elect, air exchange, low pressure switch
 - Brent, BLM:
 - Get information to Brad, Air Products

- Sean Ainsworth, BLM:
 - Hard to get ahold of Air Product Rep for help
 - Number of air recerts?
 - 4 exchanges per hour or minute (Brad was not sure)

- I believe that the snag it software if located on their machine should be bought by them. Marty might be able to explain the software. Air Products needs to capture the data from the study.
 - Snag it software on punch list
- **Action Items - Four things (Nick)**
 1. Bus Bar air flow rate
Brent by Friday to Brad
Set a date for Company to give an estimate and time for completion. Create deadlines February 24th for Las Crusas quote aim for end of February 2016.

2. Airflow rates – Brent Wednesday get to Brad
 3. Sole Source (AP) design pressure switch assembly
 - a. Bypass valve – automate-position/DCS Sole source- wide open on loss of air give and take- and other support services as required . keep broad to allow other services to be in scope.
 4. Exchange hour/day
- Nick
 - Monthly environmental testing- report to AP, to Sam, file them
 - TCEQ requirement – LDAR entire facility make a part of our larger one stay course on CHEU portion.
 - No changes to process

Next meeting date and time changed to first Thursday of each month

- February 4, 2016, at 10am CST
 - Invite will be sent out by Joan G