Hall D Slow Controls Meeting

Date: August 8, 2019
Time: 10:00AM – 10:30AM

Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, Hovanes Egiyan, Brian Eng,
        Tyler Lemon, Nick Sandoval, Scot Speigel, Beni Zihlmann

1. Solenoid cool down further delayed.
    1.1. Previous August 15, 2019 drop-dead date for start of cool down no longer applies as fall run has also been delayed.

2. Hall D slow controls servers will be updated to RHEL 7 in August
    2.1. Sequence of update:
        2.1.1. Update farm machines used for DAQ and analysis.
        2.1.2. Update slow controls servers, reserving IOC server for last.
        2.1.3. Migrate all IOCs running on IOC server to a RHEL 7 machine and test IOC components on new OS.
        2.1.4. Update IOC server to RHEL 7.
        2.1.5. Migrate all IOCs back to IOC server.

3. Solenoid PXI
    3.1. Brian Eng to swap PXI controllers to test latest model in Hall D.
        3.1.1. PXI assigned same static IP address as one currently in hall to potentially allow controllers to be swapped without having to reconfigure network settings.

4. BCAL WEDM screens
    4.1. BCAL chillers' flow readback added to CSS and WEDM screens.
    4.2. New PVs for flows did not appear to be working in WEDM.
    4.3. After meeting, Tyler Lemon found typo in PV names causing error. Typo corrected; PVs now work in WEDM.

5. DIRC
    5.1. Optical box installed in Hall D.
    5.2. Cables will be run to optical box to verify lengths and prepare for final connection to detector.

6. Other
    6.1. ComCal chiller set up and integrated into PLC controls system.
    6.2. Pair-Spectrometer HV reset implemented. Reset operations will be verified using PLC.