DSG-NPS R&D Meeting Minutes

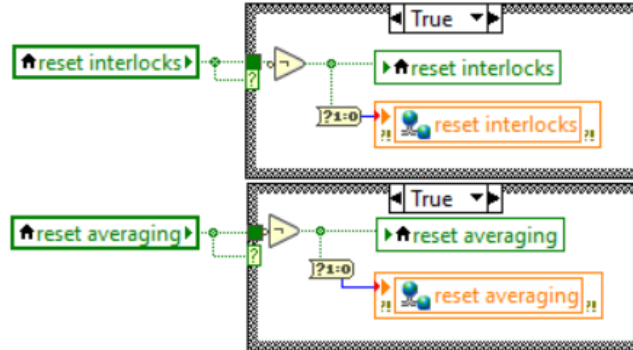**Date: September 05, 2023**
Time: 02:00 PM – 03:00 PM

Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng,
Mindy Leffel, Tyler Lemon, Marc McMullen, and Amrit Yegneswaran

1. **Debugging thermal readback and chiller controls**
   Mary Ann Antonioli, Aaron Brown, and Brian Eng
   1. Clean up work by Mary Ann continues
      - Finished all breakouts and builds, now on to deleting unused variables and subVIs
      - Need to generate some testing documentation
      - After testing, Simona Malace will complete system checkout in hall
   2. Changed the way the reset averaging and reset interlocks buttons work
      - Still need to change the datatype for these two PVs in the softIOC

Screenshot of LabVIEW code for the reset interlocks and reset averaging buttons

2. **Hardware**
   1. Tripp-Lite Power Distribution Unit (PDUMH15NET2LX) IP address assigned by computer center – Hall C development subnet for testing in EEL building
   2. Humidity sensor power supply box complete

Completed humidity sensor power supply box

3. **Detector installation/checkout**
    1. Encountered some bad HV channels – Simona Malace and Ben Raydo are removing the capacitors from problem channels (which seems to resolve the problem)
        - Will not open front of detector to check thermocouple connections and install humidity sensors until high voltage work is completed