DSG-NPS R&D Meeting Minutes

Date: March 21, 2023
Time: 02:00PM – 02:30PM

Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, George Jacobs,
Tyler Lemon, and Marc McMullen

1. **Thermal readback**
   Peter Bonneau, Aaron Brown, Pablo Campero, and Tyler Lemon
   1. Discussed new LabVIEW program being developed that does not use arrays
   2. Created a new LabVIEW EPICS server to access alarm fields
      - The new server uses individual PVs and generates alarm fields for each one, unlike the current server
      - May need to move to a standalone softIOC for the PVs and just use LabVIEW as an EPICS client instead
   3. Will need to modify existing PVs to reflect the change from arrays to individual PVs
   4. Aaron and Mary Ann will set up a meeting to discuss changes to the LabVIEW program and Phoebus screens

2. **Hardware**
   Aaron Brown, Tyler Lemon, and Marc McMullen
   1. Discussed save and restore program in development
      - Developed ability to save all high voltage channel parameters to a text file
      - Working on using values from this text file for the channel parameters instead of manually entering values