

## Magnets

- Solenoid magnet had fast dump on 8/27/2018.
  - ★ Found that delay thresholds on QD#2-ch2 and QD-ch3 were set to 0 ms instead of 999 ms.
  - ★ Solenoid ramped to and held at 500A from 8/31/2018 to 09/04/2018.
    - Scopes were connected to QD#1-ch4 and QD#2-ch2 to monitor voltage spikes.
    - Video camera installed for online monitoring of scopes.
    - No spikes observed.
  - ★ Test conducted to write larger PV arrays from cRIO.
    - Will be implemented in NI code in order to lower the rate for the FastDAQ data array from 5 Hz to 1 Hz.
    - Will make it easier to automatically correct timing jitter.