

Magnets

- Torus and Solenoid monitored on a daily basis via EPICS and logbooks.
 - ★ Noise on VCL B VT21 caused controlled ramp interlock trips while the magnet power supply was turned on and the current set at 0 A.
 - Condition added to Solenoid PLC program requiring absolute current to be greater than 10 [A] before interlock becomes active.
 - ★ Torus axial and vertical strain gauges analyzed.
 - Eight strain gauges monitor strain in the vertical upstream and downstream supports.
 - Six strain gauges monitor strain on the axial supports in coils B, D and F.
 - ★ Table generated to monitor Torus strain gauge interactions with Torus and Solenoid magnetic fields.
 - ★ Solenoid fast-dump on January 24, 2018 possibly caused by coil shifts.