**MSD Machine Operations Report Summary May 26, 2023**

**Linac/Booster/Pre-Acc:**

1. Nothing to report.

**MI Vacuum/Water:**

1. R:IP3100 faulted last night around 8 PM.  It had a noisy signal before the trip (low-8’s up to mid—7’s) but is now reading ~1E-6 Torr with a stable signal.  We will monitor this pump.

**NML/CMTF/CUB/Other:**

1. NML, CMTF, MS6, and MP7 compressed air and LCW systems are running well.
2. Recently regenerated Column-II.

 **External Beams:**

1. MS2 LCW system needs to be made-up. If there is a work stoppage through the long weekend, we will need to turn the system OFF. The MS2 LCW system will trip at some point on Saturday. We were told not to have someone to make up the system. We will likely have the MCR turn the system OFF before it trips.
2. MI62 LCW system needs to be made-up. If there is a work stoppage through the long weekend, we will need to turn the system OFF, or valve out Q118. The patch on Q118 has deteriorated. It needs a permanent long-term fix. We could reduce the pressure on the magnet by installing a regulator on the cooling line, however, the improvement may only be marginal. We are getting permission from Mary Convery to make up the MI62 LCW system today and on all 3 days of the weekend. Also, we have asked Jason C to confirm that the klixons on the affected magnet are working as per design.
3. We are working with the vendor to fabricate the sprayers for NS2 air towers.