**MSD Machine Operations Report Summary April 3, 2023**

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

1. Booster ion pump RF22 tripped over the weekend. We believe we have a leak in the area.  We would like 4-6 hour access to Booster to do a leak check in the area in the near future. The rest of proton source is looking good.

**MI Vacuum/Water:**

1. Saturday night, I:IP302A tripped—reset OK.
2. Friday, I:IP839 tripped off. It reset fine.
3. Doing general LCW, gas, and compressed air rounds.

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

1. NML, CMTF, MS6, and MP7 compressed air and LCW systems are running well.
2. We need permission from ISD to regenerate Column III.

**External Beams:**

1. MS2 LCW system tripped this morning. We will be making up the expansion tank and turning the system back ON.
2. Controls will be tuning the PID loop on the Horn 1 RAW system to see if this helps the temperature spikes.
3. We discovered some popping noises coming form the side stream filtration loop on the secondary chilled water system in MI-65 mezzanine. TSD inspected the filter, and it did not have a bag. Requesting ISD to install a bag in this housing.
4. Andrew should be ready to do the hydro testing tomorrow on the HRS supply and return lines.

**Notes:**

1. ISD reported that they do not have a clear sample for MSD to do the regeneration on Column III, yet.