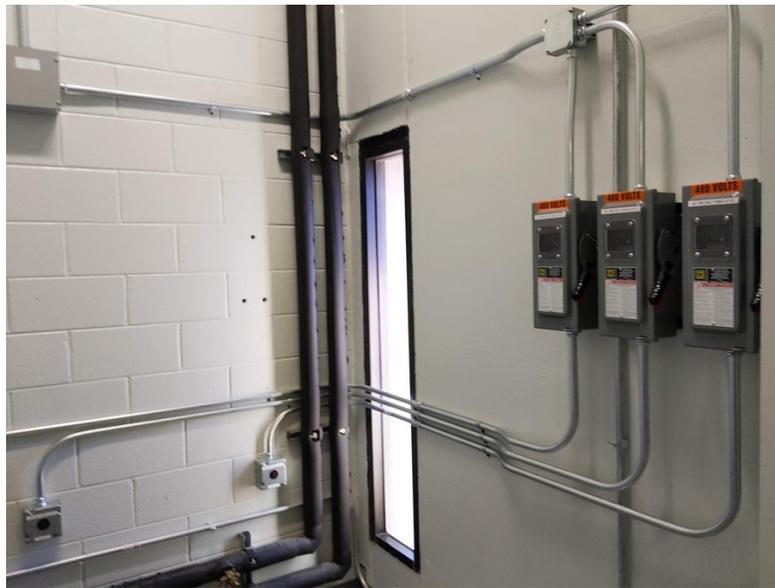


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- Operational issues:
 - Requisition for HEMT amplifier was placed (and as of now: approved); to satisfy NRTL/ FESHM 9110 requirements we will need to design our own power supply for amplifiers.
 - Two Rox (<https://www.lakeshore.com/products/categories/specification/temperature-products/cryogenic-temperature-sensors/ultra-low-temperature-rox>) temperature sensors were delivered.
 - *Roman* is planning to place large order on multiple sensors and measurement equipment from LakeShore, currently in communication with ES&H regarding handling NRTL/ FESHM 9110 requirements for LakeShore meters.
 - We have FluxGates cables/wiring finished, it required testing and installation.
 - **DR2:** Electrical panel relocation is complete:



- Still need to re-install compressors. Helium line hoses will be coiled on wall mounted stainless steel unistrut racks.
- **DR1:** *Andrew* received the tip seal kit to repair the scroll pump that is currently installed on DR1. He will perform the tip seal replacement, re-install the pump and test pumping capacity.
- The new scroll pump has not arrived yet.
- The current SRF cavity handling procedure does not allow carrying small cavities on somebody's lap in a car/truck cabin, e.g., while transporting the cavities from MP9 to ICB. *Damon* will look into updating the procedure for small cavities. In the meantime, we should follow the procedure.
- *Alex Melnychuk* presented an update on the QCL radiation safety for the upcoming DarkSRF experiment in DR2. The radiation safety visited QCL and determined that there should be a radiation interlock and that we will have to demonstrate that the power limit set point could not be changed after installation. While we are still preparing the

experiment, it was suggested to ask the radiation safety personnel to start working on interlocks in parallel (e.g., pulling the cables, mounting FOX's, building electronics).

- *Taeyoon* presented the final arrangement of transmons and RF probes in the two cavities being prepared for DR1.
- Update on the DarkSRF experiment for DR2:
 - Piezos are ordered.
 - Next, we need to make Ti frames for the cavities, order controllers for piezos ...
- *Sylvia* and Co. are testing custom electronics board developed by Gustavo Cancelo.
- A set of electronics from Zurich Instruments will be delivered soon for evaluation.