

# SLAC Activities Update

University of Wisconsin

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LZ Madison Group Meeting

November 16



**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON



- Compressor circulation tests through the getter on the R&D panel to test the compressor under load and at higher pressures.
- Started disassembly of R&D vessels.
- Started diagnosing problems with sensors
  - R&D vessel Level Sensor D25 was not plugged in on inner side of the feedthrough.
  - Weir reservoir level sensor beeps out all connections correctly, still trying to diagnose.
  - Three RTDs in the R&D vessel not working correctly
    - One had a short at the RTD itself, wire holding it to the stick bit through teflon tape supposed to be insulating it and shorted the two sides.
    - One seems to have a short  $\sim 3/20$ ths of the way up the wire based on measurements made at the PLC.
    - One shorts occasionally when shifted, but is fine much of the time which makes it hard to troubleshoot.

- Also struggling to untangle and rewind, re-label, and pull out cables for reorganization and re-insertion.

