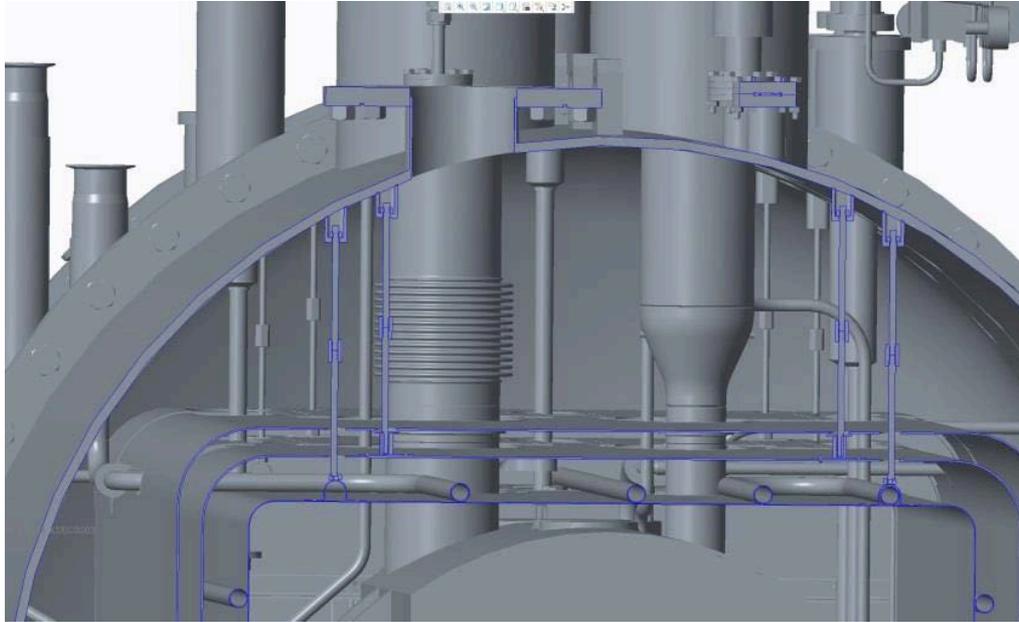


# CeC PoP Experiment

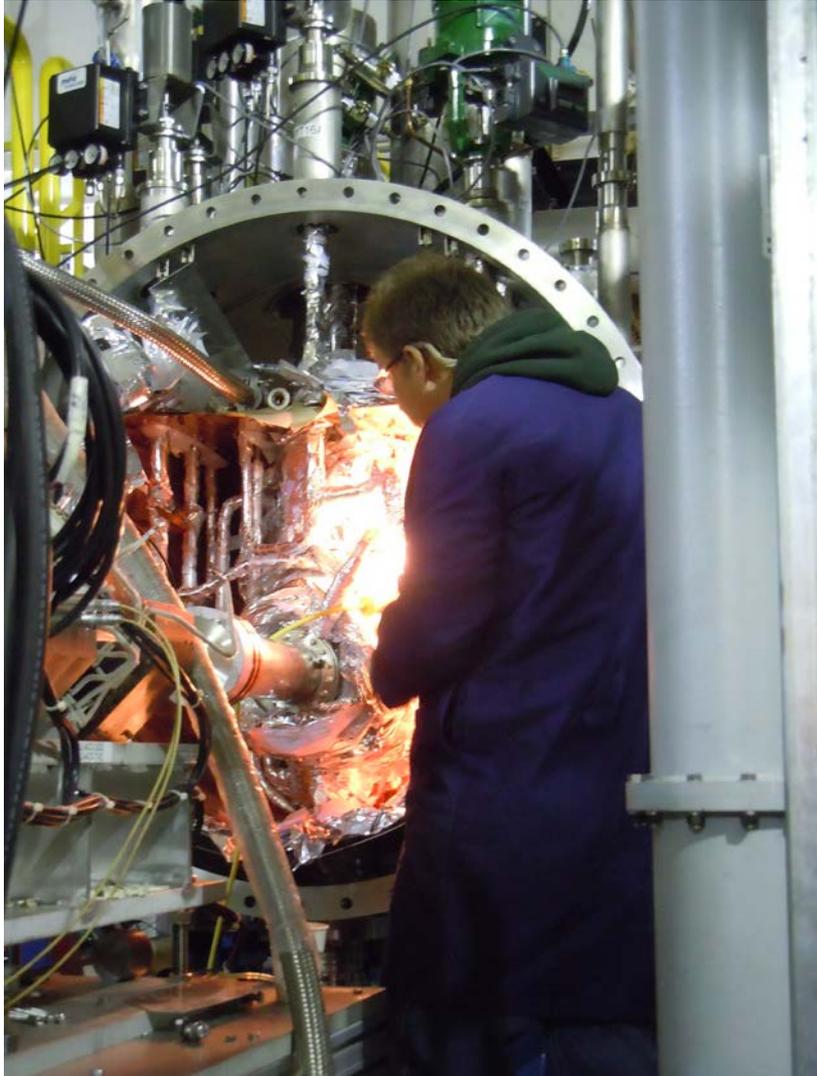
January 12, 2016

# Inspection of Cryostat for 704 MHz Cavity



The rods holding the magnetic and cryogenic shields became disconnected. Multiple leaks between separate volumes were found. We need to open cryostat and restore the configuration.

# 704 MHz Cavity Repair



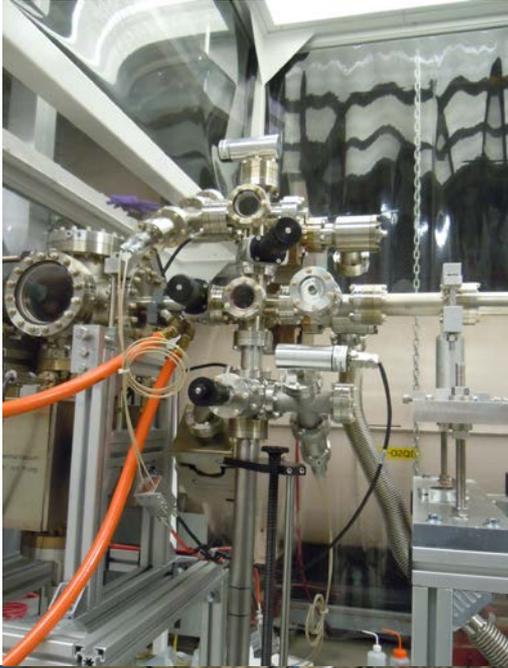
The leaks were found and fixed.  
Final check is under way.  
Special thanks Cliff Brutus,  
Roberto Than, Victor Soria, Rich  
Anderson, Rob Karl, Michael  
Mapes, and others

# Installation Progress

- Baking of the common section is finished
- The infrared viewport was installed and baked
- Support for the high power beam dump put in place
- Cryogenic equipment was shipped from manufacturer and received
- Beam line to high power beam dump installed
- Beam profile monitor in front of low power beam dump installed



# Installation Progress (continued)



New cathode launch mechanism was installed.  
704 MHz waveguide was tested  
High power beam dump beamline installed



# This week we are expecting

- Repair the 704MHz cavity
- Perform polarity check for the low energy magnets (solenoids and trims)
- Connect 704 MHz waveguide
- Connect cryogenic equipment
- Align cathode launch mechanism