

# RRPL Operations

- RRPL - Week of 09/09:
  - Production
    - LANL target arrived yesterday, target opening today followed by Ac-225 chemical processing
  - F&O:
    - Minor maintenance jobs
  - Coming weeks:
    - Another LANL Th target processing campaign late Sept.

# BLIP Operation – OFF Season Mode

- Chillers require 24-hr for crankcase heater warmup prior to operation. Therefore, cannot immediately switch to backup chiller until installation of electrical panel is performed in the next phase of cooling system upgrade.
- Off-season maintenance/testing.
- Scheduling chillers 1 + 2 Preventative Maintenance for the week of September 15.
- This week monthly and weekly alarms tests performed. No issues

# Cyclotron Activities

## Commissioning Path Forward: Commissioning has restarted.

- ❑ RF breaker trip issue
  - USI in place for RF bypass and testing: RF is operational – needs fine tuning from manufacturer (9/8).
- ❑ USI *in development* for new access controls 'testing/tuning mode' – USI drafted/incorporated ACG technical details; working with C-AD ESSHQ Div. Head to refine document.
- ❑ Glycol pump replacement - Coordinating with Facility project manager/ AC group to top up glycol in cooling system.
- ❑ New robot - Robot testing/programming in progress in vault room.
- ❑ USI for 'additional actions/mitigations under RF Bypass USI' – BHSO approved RSI on 8/12 to conduct setup and testing of Non-Radiofrequency system components at the Cyclotron.
- ❑ Ion Source Testing – Replacement filament power supply installed and tested 9/5. Gate valve is faulty, replacement on-site, waiting for fittings 9/9.
- ❑ Vault room Differential pressure. New Seals installed around doors into MER. Dp levels fluctuating slightly from setpoint. Continuing to monitor.
- ❑ Hitachi Air compressor in MER - Ordering replacement scroll head.