RRPL Operations

- **RRPL - Week of 08/25:**

  - Production
    - Procedure Updates for TSR Implementation and MSA findings/OFIs
    - Waste Removal from AP Hot Cells

  - Researchers
    - Separations and Labeling R&D

  - F&O
    - Strobic, Exhaust Fan maintenance, Remove line voltage thermostat and install blank cover over box; F&O installing new exhaust Fan & HEPA filter system for 2-66C- roof top work

  - Coming weeks:
    - LANL Th processing in 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 late September.

Cyclotron Activities

<u>Commissioning Path Forward</u>: Commissioning has restarted.

- ❑ <u>RF breaker trip issue</u>

  - USI for RF bypass and testing: RF is operational – needs fine tuning from manufacturer (Sep. 8th).
- ❑ USI in development for <u>new access controls 'testing/tuning mode'</u> – USI drafted/incorporated ACG technical details; working with C-AD ESSHQ Div. Head to refine document.
- ❑ Glycol pump replacement - Coordinating with AC group to top up glycol in cooling system, Scheduled for week of 8/25.
- ❑ 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. Testing Ion source injection system. Tested filament power supply, began fault finding with power supply group, and requested quotes for replacements. 8/26
- ❑ <u>Vault room temp/humidity</u> - MPO CURL project to replace HVAC unit: HVAC is now running-Temp/Humidity at setpoint. BNL controls engineer currently troubleshooting vault room negative pressurization. Adjustments are ongoing to improve negative Dp. 8/26
- ❑ Hitachi Air compressor in MER - Ordering replacement scroll head.

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