

RRPL Operations

- RRPL - Week of 08/18:
 - 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:
 - Ac-225 Waste Removal
 - 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

Commissioning Path Forward: Commissioning has restarted.

- ❑ RF breaker trip issue
 - USI for RF bypass and testing: On 7/3, DOE approved request for additional extension 'until commissioning is complete'.
 - HVAC in vault is online and driver amplifier 'burn-in' test completed 8/6. Testing Triode amplifier 50Ω input match with chilled water and DI water loop reinstatement.
- ❑ 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 -Waste Management removed old glycol from MER. 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.
- ❑ Vault room temp/humidity - MPO CURL project to replace HVAC unit: HVAC is now running-Temp/Humidity at setpoint. BNL controls engineer currently troubleshooting vault room negative pressurization. Walkdown 8/12. Adjustments are ongoing to improve negative Dp.
- ❑ Hitachi Air compressor in MER- Ordering replacement scroll head.
- ❑ Spare RF amplifier-Refurbished unit arrived from Advanced cyclotron systems Inc.