

# RRPL Operations

- RRPL - Week of 07/22:
    - Production
      - Ac-225 Waste Paperwork
      - Bi Generator Work
    - Researchers
      - Separations and Labeling R&D
- Coming weeks:
- Ac-225 processing

# BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current $\mu\text{A}$	Raster Conditions	Comments
7/26/2024	8/2/2024	200	150	10(11.5mm):1(5.5mm)	N/A

# BLIP Operation

- BLIP Tasks.
  - The Be and water windows – working towards replacing during these during next maintenance cycle.
  - Roof repair completed on the Control Room section. We are still monitoring water diverters whenever there is rain to make sure that the roof repair was successful before the diverters are removed. **Noticed two leaks in the same spots as before roof repair.** Still waiting for more materials to repair the section over the garage area
  - Next irradiation will start 7/26 and end 8/02
  - Waiting for electricians to fix two electrical boxes (ESH findings)
  - Waiting for the printing shop to make and install new signs on the doors (some of the current signs are faded)

# Cyclotron Activities

Path Forward: Started Commissioning Module II - Cooling water and main magnet are online; vacuum very good

- Commissioning is estimated to take ~3 to 6 months
- Vault room temperature / Humidity controls path forward
  - Main HVAC is unit on - needs calibration for set point AC group to address.
  - Run the HVAC and portable unit and dehumidifier at same time to see results.
  - Data logger located near RF cabinet to monitor temperature and humidity.
  - MPO developing CURL project to replace entire unit.
- Mechanical room: WO for piping insulation submitted
- RF breaker trip issue
  - LOTO in place.
  - Remaining RF and source bias interlock tests will be completed when RF breaker trip issue is resolved.
- Replaced new H2 flow controller cable connection to the PLC cabinet.
- COBOT testing/programming: Simulating target loading and unloading with 3D printed target holder. Drawing for new flange to use gripper on current robot in the vault. 3D printing flange to test functionality before submitting drawing to machine shop.