

RRPL Operations

- RRPL - Week of 07/22:
 - Production
 - Ac-225 Waste Removal
 - Ac-225 Hot Cell Pre-Processing and Chemical Prep
 - 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 μA	Raster Conditions	Comments
7/26/2024	8/1/2024	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
 - The last irradiation of the season will end 8/01/24
 - Waiting for electricians to fix two electrical boxes (ESH findings)
Scheduled week: 08/05/24 - 08/11/24
 - Waiting for the printing shop to make and install new signs on the doors (some of the current signs are faded) Scheduled week: 08/05/24 - 08/11/24

Cyclotron Activities

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

- Commissioning is on hold pending resolution of RF breaker trip issue
- Vault room temperature / humidity controls path forward
 - Main HVAC unit is on - AC group to check logic on reheat coils system in air handler unit.
 - 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 completed. Small leak from glycol pipes above pumps to be investigated.
- RF breaker trip issue
 - LOTO in place - work planning documents almost completed to allow for new magnetic contactor replacement work
 - Remaining RF and source bias interlock tests will be completed when RF breaker trip issue is resolved.
- COBOT testing/programming: Drawing submitted to machine shop for fabrication of gripper flange. Risk assessment updating with ESH to allow use of compressed N2 in room 136 to test gripper functionality with new Cobot.