

RRPL Operations

- RRPL - Week of 08/05:

- Production
 - Ac-225 Chemical Processing
- Researchers
 - Separations and Labeling R&D

Coming weeks:

- Ac-225 processing / waste processing

BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current μA	Raster Conditions	Comments
N/A	N/A	N/A	N/A	N/A	No planned irradiations for remainder of CY24. Thank you for your continued support of IP.

BLIP Operation

- BLIP Tasks.
 - The Be and water windows – working towards replacing during these during this current maintenance cycle.
 - Roof repair completed on the Control Room section. The water diverters are removed. **Noticed leaks in the same spots as before roof repair in the Control Room section above the computer desk.** Water diverter will be reinstalled here today 8/06. Still waiting for more materials to repair the section over the garage area
 - The last irradiation of the season was 8/01/24; Beam is off and RSLOTO applied to bending magnets
 - Two Th targets transferred to AP hot cells on Monday 6/5
 - Carpenters will install additional fall protection railing on top of the hot cell (either 8/06 or 8/07)
 - The work on preparation tasks for target cooling system upgrade will start this week according to the schedule created by LE.
 - Waiting for electricians to fix two electrical boxes (ESH findings) Scheduled week: 8/5 - 8/11
 - Waiting for the printing shop to make and install new signs on the doors (some of the current signs are faded) Scheduled week: 8/05 - 8/11

Cyclotron Activities

Path Forward: Started Commissioning Module II

- 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 performed maintenance on reheat coils. Portable AC unit is off/available.
 - Data logger located near RF cabinet to monitor temperature and humidity.
 - MPO developing CURL project to replace entire unit.
 - Mechanical room: Piping insulation completed. Two dehumidifiers now in the mechanical room to remediate condensation on piping- Monitoring daily.
 - RF breaker trip issue
 - Work planning documentation being developed to test the transformer windings in the RF cabinet.
 - 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. Solenoid testing for gripper actuation.