

RRPL Operations

- RRPL - Week of 08/12:
 - Production
 - Ac-225 Chemical Processing
 - Researchers
 - Separations and Labeling R&D

Coming weeks:

- Ac-225 waste processing
- Ac-225 dispensing / shipping

BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current μA	Raster Conditions	Comments
8/16/2024	8/27/2024	200	150	10:1	No planned irradiations for remainder of CY24. Tentative. Currently waiting on guidance from NIDC HQ regarding irradiations. Thank you for your continued support of IP.

No confirmation on doing this irradiation, have reached out to headquarters for guidance

BLIP Operation

- BLIP Tasks.
 - The Be and water windows – working towards replacing during this current maintenance cycle.
 - Roof repair completed on the Control Room section. The water diverters were removed. Noticed leaks in the same spots as before roof repair in the Control Room section above the computer desk. Water diverter reinstalled in the Control Room on 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. **Might extend beam until 8/27 - waiting for the decision.**
 - The work on preparation tasks for target cooling system upgrade started last week. Target shaft pumped out. **Farther work on hold due to possible beam restart this week for additional irradiation until 8/27**
 - Waiting for electricians to fix two electrical boxes (ESH findings) possibly this week
 - Waiting for the printing shop to make new sign for the confined space on the pump pit cover

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
 - MPO developing CURL project to replace entire unit.
 - RF breaker trip issue
 - High voltage windings are within manufacture's specifications. Measured 8.8Ω on each winding.
 - ACG is working on testing the RF contactor
 - Remaining RF and source bias interlock tests will be completed when RF breaker trip issue is resolved.
 - COBOT testing/programming
 - Risk assessment updating with ESH completed to allow use of compressed N2 in room 136 to test gripper functionality with new Cobot.
 - Digital I/O wiring and testing of solenoid valves for gripper actuation.