

# RRPL Operations

- RRPL - Week of 09/16:
  - Production
    - Ce-134 Waste Processing
    - Ac-225 Chemical Preparations / Pre-Processing
  - 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
9/9/2024	9/19/2024	200	150	10:1	Reduced irradiation time by one day
9/19/2024	9/20/2024	117	50	5.5 mm	N/A
9/20/2024	9/30/2024	200	150	10:1	N/A

# BLIP Operation

- BLIP Tasks.
  - The Be and water windows – working towards replacing during this current maintenance cycle.
  - Roof leaks: repair completed on the Control Room section. Water diverter still remains in the Control Room until we see that the repair was successful. Still waiting for more materials for the section over the garage area, (but there is no leak in the garage area).
  - The irradiation season is extended: Th irradiation 9/09 - EOB 9/19
  - As target irradiation 9/19 (possibly 12 - hour irradiation)
  - Th irradiation 9/20 - 9/30
  - **Cooling system upgrade work on hold due to extended irradiation season until end of beam. Will focus on the cold side during this maintenance cycle.**

# Cyclotron Activities

## Commissioning Path Forward: Started Commissioning Module II

- Commissioning is on hold pending resolution of RF breaker trip issue
  - RF breaker trip issue
    - Initiated USI to bypass ACG interlock for RF breaker trip issue. LESHC review meeting (9/13); received concurrence to proceed with submission to DOE–BHSO to seek final approval to bypass RF interlock.
    - Remaining RF and source bias interlock tests will be completed when RF breaker trip issue is resolved.
  - Vault room temperature / humidity controls path forward
    - MPO developing CURL project to replace entire unit – estimated end of CY24 installation.
    - WO submitted to AC group for high humidity alarm in vault/reheat coils in air handler unit in mechanical room. Work ongoing and temp/humidity being monitored.
    - Water group addressing small glycol leak from glycol cooling pump in MER. Spare parts to be ordered by water group.
  - Work planning for the replacement of compressed air regulator manifold inside HV cabinet.
  - COBOT testing/programming
    - Testing with pneumatic gripper using target adapter plate to simulate precision target loading and unloading with target holder.