

# RRPL Operations

- RRPL - Week of 08/26:
    - Production
      - Fe-55 Dispensing, Packaging, Shipping
      - Ac-225 Waste Removal
    - Researchers
      - Separations and Labeling R&D
- Coming weeks:
- Ce-134 Processing
  - Th shipments to ORNL

# BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current $\mu\text{A}$	Raster Conditions	Comments
8/16/2024	8/28/2024	200	150	10:1	No planned irradiations for remainder of GY24. Extended to 8/28 due to beam downtime
9/3/2024	9/6/2024	117	62	5 mm	Thank you for your continued support of IP.

# 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 where the roof was repaired 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 irradiation season is extended: Th irradiation started on 8/16 and will end 8/28, and La irradiation 9/3-9/6.
  - Cooling system upgrade work on hold due to extended irradiation season until EOB for La irradiation 9/6. No decisions have been made beyond the 9/6 irradiation and more discussions will need to be had with C-AD and maintenance to understand impacts.
  - Waiting for the printing shop to make new sign for the confined space on the pump pit cover

# 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. C-AD RSC/AESRC review 8/28.
    - 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.
    - WO submitted to AC group for high humidity alarm in vault.
  - Performed a PM on vacuum roughing pump(oil and seals etc.)
  - COBOT testing/programming
    - Risk assessment - scope widened and approved for addition of N2 cylinder and digital I/O wiring and testing of solenoid valves for gripper actuation. Testing with pneumatic gripper using target adapter plate to simulate precision target loading and unloading with target holder.