

# RRPL Operations

- RRPL - Week of 09/30:
  - Production
    - Ac-225 Chemical Processing / QC
    - Fe-55 Dispensing
    - Th target body waste removal
  - Researchers
    - Separations and Labeling R&D

Coming weeks:

- Ac-225 Dispensing / Shipping
- Th shipments to ORNL

# BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current $\mu\text{A}$	Raster Conditions	Comments
N/A	N/A	N/A	N/A	N/A	Thank you for your continued support all year.

# BLIP Operation

- BLIP Tasks.
  - The Be and water windows – working towards replacing during this current maintenance cycle **in the December timeframe.**
  - Roof leaks: repair completed on the Control Room section. Water diverter still remains in the Control Room. After the last rain, some water was noticed in the diverter bucket.
  - **Cooling system upgrade work will begin today 10/01/2024 and will be focused on the chilled water system (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
    - RF breaker bypass USI approved by DOE-BHSO on 9/30. Work planning to begin to conduct testing of the bypass.
    - 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. USI draft in progress.
  - 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 target loading and unloading with target holder and installing switch (per manufacturer instructions) to enable remote operation of cobot in manual mode from control room. Testing only in room 136. -Successful Remote switch test.