

# RRPL Operations

- RRPL - Week of 06/30:
  - Production
    - Bi-213 Generator Research/Evaluation
    - Ac-225 Pre-Processing
    - Ac-225 Start of Processing
  - Researchers
    - Separations and Labeling R&D
  - F&O
    - Strobic, Exhaust Fan maintenance, Remove line voltage thermostat and install blank cover over box; F&O installing new exhaust Fan & HEPA filter system for 2-66C- roof top work
  - Coming weeks:
    - Ac-225 Processing
    - Ac-225 Dispensing/Shipments

# 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 of IP.

# BLIP Operation – Operational

- Chillers require 24-hr for crankcase heater warmup prior to operation. Therefore, cannot immediately switch to backup chiller until installation of electrical panel is performed in the next phase of cooling system upgrade.
- Single Th target irradiation ended Friday 6/27 and was transferred Monday 6/30 to AP Hot cells for processing
- Two research irradiations happened on Friday 6/27 after Th irradiation. After the research irradiations the beam was turned OFF for the season.

# Cyclotron Activities

## Commissioning Path Forward: Started Commissioning Module II

- Commissioning is on hold pending resolution of RF breaker trip issue
  - ❑ RF breaker trip issue
    - USI for RF bypass and testing: additional request to extend DOE authorization was made on 6/11.
    - Damaged amplifier shipped to Florida based specialist RF repair company (5/5). Repair work complete - Arrived 6/23. Unpackaged & inspected - housing has been dented and bent in shipping – internal components appear to be OK. Coordinated and tested with C-AD RF Engineer – amplifier has low gain. Continuing troubleshooting and testing RF amplifier.
  - ❑ USI in development for new access controls 'testing/tuning mode' – USI drafted/incorporated ACG technical details; sent to C-AD for ESH review. Meeting was held 6/4 to discuss and have scheduled further weekly meetings until draft is finalized.
  - ❑ Glycol pump replacement in MER completed. Scheduling with FPM/ AC group to change out old glycol. Rad survey required of old glycol before removal. Glycol ordered, 2 – week lead time.
  - ❑ New robot relocated to the vault area 5/7. Requires new risk assessment – Review held with ESH SME, Risk assessment sent back for review, Work Permit, Work Plan and supporting documents submitted for review.
  - ❑ Vault room temp./humidity controls path forward - MPO CURL project to replace HVAC unit on hold due to compromised insulation and deteriorated moisture barriers in roof slab before proceeding with slab penetrations.
  - ❑ Re-roofing started 6/16 and will take approx. 2 weeks (weather dependent)