

# RRPL Operations

- RRPL - Week of 04/15:
  - Production
    - Be-7 Processing
    - Ac-225 Waste Processing
    - Ce-134 Processing, QC, Dispensing, and Packaging
    - Th Packaging/Shipment to ORNL
  - Researchers
    - Work with various generators/Radiolabeling Experiments
    - Ac-225 Separations R&D

Coming weeks:

  - Ac-225 Waste Removal
  - Ac-225 Processing

# BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current $\mu$ A	Raster Conditions	Comments
4/22/2024	5/03/2024	200	150	10(11.5mm):1(5.5mm)	N/A
5/07/2024	5/10/2024	117	62	5.5 mm	N/A
5/10/2024	5/21/2024	200	150	10(11.5mm):1(5.5mm)	N/A
6/3/2024	6/14/2024	200	150	10(11.5mm):1(5.5mm)	N/A
6/18/2024	6/21/2024	117	62	5.5 mm	N/A
6/21/2024	7/2/2024	200	150	10(11.5mm):1(5.5mm)	N/A
7/22/2024	8/2/2024	200	150	10(11.5mm):1(5.5mm)	N/A

# BLIP Operation

- BLIP Tasks.
  - Working on target cooling system up-grade and target drive projects. Asking for new funds to cover FY24 and FY25. Walkdown and discussion was conducted 3/19.
  - The Be windows - working towards placing the order.
  - We are monitoring the water leaks over the Control Room; water diverters installed. Waiting for proper weather to work on the roof.
  - Th irradiation – SOB next Monday 4/22

# Cyclotron Activities

## Cyclotron Preparations:

- ARR Actions:
  - Pre-starts (4) – All actions complete
  - Post-starts (2) – All actions complete
  - OFIs (10) – In progress: 3 complete, 3 expected to complete this week
- Received letter from ARR Team Chair recommending BNL/IP proceed with request to DOE-BHNSO for authorization to start commissioning.
- Path Forward: obtain concurrence from ESH ALD → Request approval from DOE-BHNSO for authorization to start commissioning
- Commissioning (estimated ~3 to 6 months to perform commissioning activities)
- F&O has installed door sweeps/seals and will be extending vault room dP sensor tubing this week to address fluctuating dP indication.
- Troubleshooting ISIS gate valve positioning.