

RRPL Operations

- RRPL - Week of 05/13:

- Production
 - Ac-225 Processing, QC
 - Ce-134 Processing, Dispensing, Packaging
- Researchers
 - Work with various generators/Radiolabeling Experiments
 - Ac-225 Separations R&D

Coming weeks:

- Ac-225 Waste Removal & Waste Processing
- Ti-44 Processing
- Ce-134 Waste Processing
- Th Target Transfer to ORNL

BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current μA	Raster Conditions	Comments
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. Have been told will receive funds in the next allocation.
 - The Be windows – order placed, need to start discussion if the windows should be replaced during this next maintenance cycle.
 - We are monitoring the water leaks over the Control Room; water diverters installed. Waiting for the roof to be repaired.
 - Th irradiation started Friday 5/10 and will end next week 5/21
 - Floor repair in BLIP hot cell area was not successful and will be corrected hopefully later this week

Cyclotron Activities

Path Forward: Started Commissioning Module II - Cooling water and main magnet are online; vacuum very good

- Commissioning is estimated to take ~3 to 6 months
- Troubleshooting ISIS gate valve positioning.
- Finalizing risk assessment review to begin Cobot testing.
- Troubleshooting RF power breaker.