

RRPL Operations

- RRPL - Week of 04/22:
 - Production
 - Be-7 Processing, Dispensing, Packaging
 - Ac-225 Waste Processing
 - Ac-225 Dispensing and Packaging
 - Researchers
 - Work with various generators/Radiolabeling Experiments
 - Ac-225 Separations R&D

Coming weeks:

 - Ac-225 Waste Removal
 - Ac-225 Processing
 - Ti/Sc Processing

BLIP Schedule / Future Irradiations

Proposed Start Date	Proposed End Date	LINAC Energy (MeV)	Current μA	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. Received funds to cover FY24 not FY25. Walkdown and discussion was conducted 3/19; Another one will be tomorrow 4/24
 - 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 – Started yesterday 4/22

Cyclotron Activities

Cyclotron Preparations:

- ARR Actions:
 - Pre-starts (4) and Post-starts (2) – All actions complete
 - OFIs (10) – In progress: 3 complete
- On 4/16, ALD for NPP requested approval from DOE-BHNSO for authorization to start commissioning.
- Path Forward: Receive approval from DOE-BHNSO for authorization to start commissioning.
 - Commissioning (estimated ~3 to 6 months to perform commissioning activities)
- F&O installed door sweeps/seals and have extended the vault room dP sensor tubing to address fluctuating dP indication. dP is being monitored and is showing the correct value.
- Troubleshooting ISIS gate valve positioning.
- Awaiting risk assessment report to begin Cobot testing.