

MIRP Operations –5/2016

- **Safety**
 - Tour at BLIP this Friday by General Klotz
 - Annual Review for Ac-225 July 27th and 28th
- **Production**
 - 6th set of RbCl targets pulled out April 27th @ 1125
 - Processing to start May 5th
 - Receiving leftover Sr-82 from LANL for blending this week
 - 7th set of RbCl targets to run from April 27th – May 18th
 - Packaging Sr-82 this Friday
 - Proceeding with fabrication of new Ga targets for Ge-68 production

BLIP Target Data– 5/2016

- **7th Set of RbCl Targets (BWK and BWL)**
- Total Accumulated μA 's as of 5/2/16 @ 23:59 – 20,431.67
- Total Hours – 131.24
- Average Current – 155.69 $\mu\text{A/hr}$
- SOB- 4/27/16 @ 1125.... EOB- 5/18/16 0900

TPL Operations– 5/2016

- **TPL Maintenance**

- Finishing work on ventilation – waiting on final calibration
- Variable speed drive replaced
- Milipore water is back in service
- Lab 2-59 hood is still OOS

- **BLIP Maintenance**

- Maintenance today May 3rd and next Tuesday May 10th

Research- 5/2016

- **Research**

- Copper-brass target containing GaAs target was irradiated for 2.99 h at 113.24 $\mu\text{A/hr}$ with an 84.7 MeV Gaussian beam to produce 5.18 mCi (1.73 mCi/h) of ^{72}Se at EOB
- Thorium target April 19th -25th. Packaging of Thorium will be on 5/3/16 and shipment of Thorium will be on 5/4/16
- Nick Simos Mo-graphite targets will be run behind the thorium targets
- May 4th cross section study of Se-72 and Ge-68 production of GaAs targets, stacked targets, two irradiations at incident LINAC 117 MeV, energy on target will be tailored using beam degraders
- TBD, GaAs target run as beam degrader for RbCl targets to assess Se-72 production at LINAC energy of 117 MeV energy on target will be tailored using beam degraders