

MIRP Operations –4-5/2016

- **Safety**

- Isotope Program Strategic meeting April 20-21st
- General Klotz Tour May 6th, Under Secretary for Nuclear Security and Administrator for the National Nuclear Security Administration (NNSA)NNSA
- Annual Review for Ac-225 July 27th and 28th

- **Production**

- 6th set of RbCl targets to run from April 6th-April 27th
 - Next processing starting May 5th
- Packaging Sr-82 Friday this week
- Proceeding with fabrication of new Ga targets for Ge-68 production

BLIP Target Data—4-5/2016

- **5th Set of RbCl Targets (BWI and BWJ)**
- Total Accumulated μA 's as of 4/18/16 @ 23:59 –45,870.60
- Total Hours – 289.80
- Average Current – 158.28 $\mu\text{A/hr}$
- SOB- 4/6/16 @ 09:57.... EOB- 4/27/16 0900

TPL Operations– 4-5/2016

○ TPL Maintenance

- D-tanks recalibrated last week and sounded to confirm readings
- Finished work on ventilation panel last week, recalibration this week
- Variable speed drive was replaced yesterday

○ BLIP Maintenance

- Next maintenance-May 19th 8-11.
- Maintenance to be performed on an as needed basis.

Research-4-5/2016

- **Research**

- 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 were run behind the thorium targets
- April 27th 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