



Radiation Safety – 2022 Shutdown Weekly Update

M. Schoell – ES&H RPO Dept. Head

9/2/2022 9am Ops Meeting

Survey/Recore Status

- Linac
- MTA
- **Booster** } Recore complete
- **8 GeV** } Recore complete
- MI-10
- **MI-20—MI-62** } Recore complete
- MI-12A
- MI-12B
- **F Sector** } Recore complete
- **Transfer Hall** } Recore complete
- SY Encl B
- SY Encl C, D, E
- SY F1
- SY F2 F3
- M01-M05
- MC6
- MB7
- Muon Campus
 - PreTarget
 - PreVault
 - Transport US/DS
 - Transport Mid
 - **Delivery Ring** } Recore complete
 - **Extraction Enclosure** } Recore complete
 - **M4** } Recore complete
- NuMI
 - **Pre-Target** } Recore complete
 - **Target Hall** } Recore complete
 - Carrier Pipe
 - Decay Pipe
 - Absorber Hall
 - NuMI Muon Alcoves

Enclosure Currently Requiring Briefings

As of surveys completed 8/30/2022:

- MTA
- Booster
- 8 GeV/MI-10/MI—20-MI-62
- SY Encl C, D, E
- SY F1 Manhole
- NuMI Pre-Target/Target Hall & Underground/RAW Room
- Muon Campus Transport US/DS
- Muon Campus Transport Mid (since Transport US/DS must be passed through in order to access Transport Mid)

Monthly Resurveys & New RWPs

Monthly Resurveys ongoing/finishing up:

- Booster
- MI-12B
- 8 GeV
- MI-10
- MI-20—MI-62

New RWPs being finalized with new survey, will be issued soon:

- Booster
- MI-12B
- 8 GeV
- MI-10
- MI—20-MI-62

If you signed the previous RWP, you'll receive an email notifying you of the updated/new RWP once it's issued.

Enclosure Briefings Schedule

Daily Briefings

7am-10am daily in the Dungeon

Reminder that escorts should attend daily briefings.

Monthly Briefings

Available for: AD, RCTs/RSOs, Interlocks, Alignment, DSO

Schedule – July 13-15: Weeks 1-4 Jobs ✓Complete! Contact us for ad hoc briefings if needed.
August 3-5: Weeks 5-9 Jobs ✓Complete! Contact us for ad hoc briefings if needed.
September 7-8: Weeks 10-12 Jobs Finalizing schedule.
September 28: Weeks 13+ Jobs

Will send out new Survey Monkey for feedback on new scheduling process.

FSO Enclosure Walkthroughs

- Coordinating FSO walkthroughs of the enclosure during shutdown. Cons/Raymond/Maddie will attend. Finalizing schedule and machine escorts.
- Please confirm dates/times below can be accommodated and let me know machine escort.

| Enclosure | Date/Time | Machine Escort | |
|--------------------------|-----------|----------------|------------------------|
| Pre-Acc/Linac | 7/26 1pm | Mike W, Cons | ✓ Complete! Thank you! |
| MTA | TBD | | |
| Booster | 7/21 2pm | Salah, Cons | ✓ Complete! Thank you! |
| BNB | 8/2 2pm | Cons | ✓ Complete! Thank you! |
| 8 GeV/MI-10/ MI-20—MI-62 | 8/11 2pm | Marty, Cons | ✓ Complete! Thank you! |
| NuMI | 8/19 1pm | Tony, Cons | ✓ Complete! Thank you! |
| Muon Campus | 8/23 1pm | Cons | ✓ Complete! Thank you! |
| SY Primary | 9/13 1pm | | |
| Meson | 9/20 1pm | | |
| NM | 9/27 1pm | | |

Beam Start-Up

- Start-Up Sign-Off sheets and draft Beam Permits & Running Conditions starting to be issued to Machine Owners
 - Issued: Linac
 - Forthcoming: NIF, MTA, Booster, 8 GeV, BNB, MI/Recycler, NuMI, P1-P2, P3-Switchyard, Meson Primary, Meson Test, Meson Center, Neutrino Muon
- Signatures will be done electronically again this year

Dose update

- Reminder – enter weekly pocket dosimeter reading into GetDose every Monday

