

NSTX 2002 Run Assessment

Held on Oct 9th with 32 participants from research, operations and engineering groups, on and off site.

Suggestions on Equipment:

- Solve problems associated with CHI Operations
- Boronization during Bakeout and between shots
- Improve efficiency of Bakeout Operations
- Improve Ethernet links to the test cell/PLC's
- Additional Cameras/Microphones in the test cell
- Improve between-shot data analysis
- Complete the NSTX to NB Control Room Links
- Upgrade aging NB and FCPC controls and electronics
- Design and have ready another inner TF Leg Set
- Establish a dedicated man port for machine access
- SPARES

Suggestions on Communications:

- Provide summary of end-of-day run meeting
- Establish diagnostic computer interface and data acquisition needs early in an installation
- Improve Session Leader and Physics Operator communications to rest of group
- Consider a Display Wall in Control Room
- Establish next-day Ops configuration by 5:00

Suggestions on Schedule:

- Evaluate criteria for a successful "Run Day"
- Establish computer maintenance/upgrades time
- Evaluate balance of Run vs Maintenance weeks