

NSTX Weekly Report (Oct. 06, 2006)

FY 2007 NSTX plasma operations

Planned: TBD

Completed: 0 weeks

Engineering Operations (A. von Halle, C. Neumeier)

The NSTX outage continued this past week with the trial fit-up of the lower divertor plates at Bay B, modified for the new Poloidal CHERS diagnostic, and then the reinstallation of in-vessel scaffolding for trial fit-ups of the upper plates. After the successful fit-ups, the plates were removed for vacuum preparation. Maintenance of the Field Coil Power Conversion ground and line switches continues, and tests/inspections of the Neutral Beam calorimeter are underway in preparations for the repair of the drive assembly.

The test cell will remain in free (card reader) access through the coming week, only locking up the test cell for a brief period early Tuesday morning for electrical insulation tests.

Research Operations (M. Bell)

Boundary Physics Operations (H. Kugel)

A teleconference meeting was held between NSTX, ANL (J.P. Allian et al.), SNL (W.R. Wampler) to discuss the NSTX graphite tile analysis now in progress at ANL and SNL.