

## NSTX Engineering Operations

- The vessel entry to install a viewing dump for CHERS was quickly completed. Bake-out operations are complete and vacuum conditions look very good.
- One of the two turbo-molecular vessel pumps has failed and will be replaced/commissioned by the start of plasma operations next week.
- The neutral beam calorimeter was refurbished and the beam-line has been pumped and cooled to cryo temperatures. Ion source conditioning is in progress.
- The test cell will be locked up tomorrow, and coil power systems energized to evaluate electrical noise problems seen recently on the real time control systems.
- Plasma operations will resume on Monday, March 29<sup>th</sup>, and are scheduled to continue for a 5 week run period until the next maintenance week on May 3<sup>rd</sup>.