

NSTX Weekly Report (February 3, 2012)

NSTX is in the Upgrade Project outage in FY 2012

NSTX-U facility enhancement brainstorming meeting - In preparation for the NSTX-U operations (expected to start around April FY 2014) and for the 2014-18 Five Year Plan, the NSTX-U facility enhancement brainstorming meeting will start at 1:00 pm on Feb. 7 and 8, 2012 in LSB 318 at PPPL. The remote connection information is available from J. Savino (jsavino@pppl.gov).

The website URL for the NSTX Upgrade facility enhancement brainstorming meeting is: <http://nstx-u.pppl.gov/five-year-plan/five-year-plan-2014-18/facility-enhancement-brainstorming>

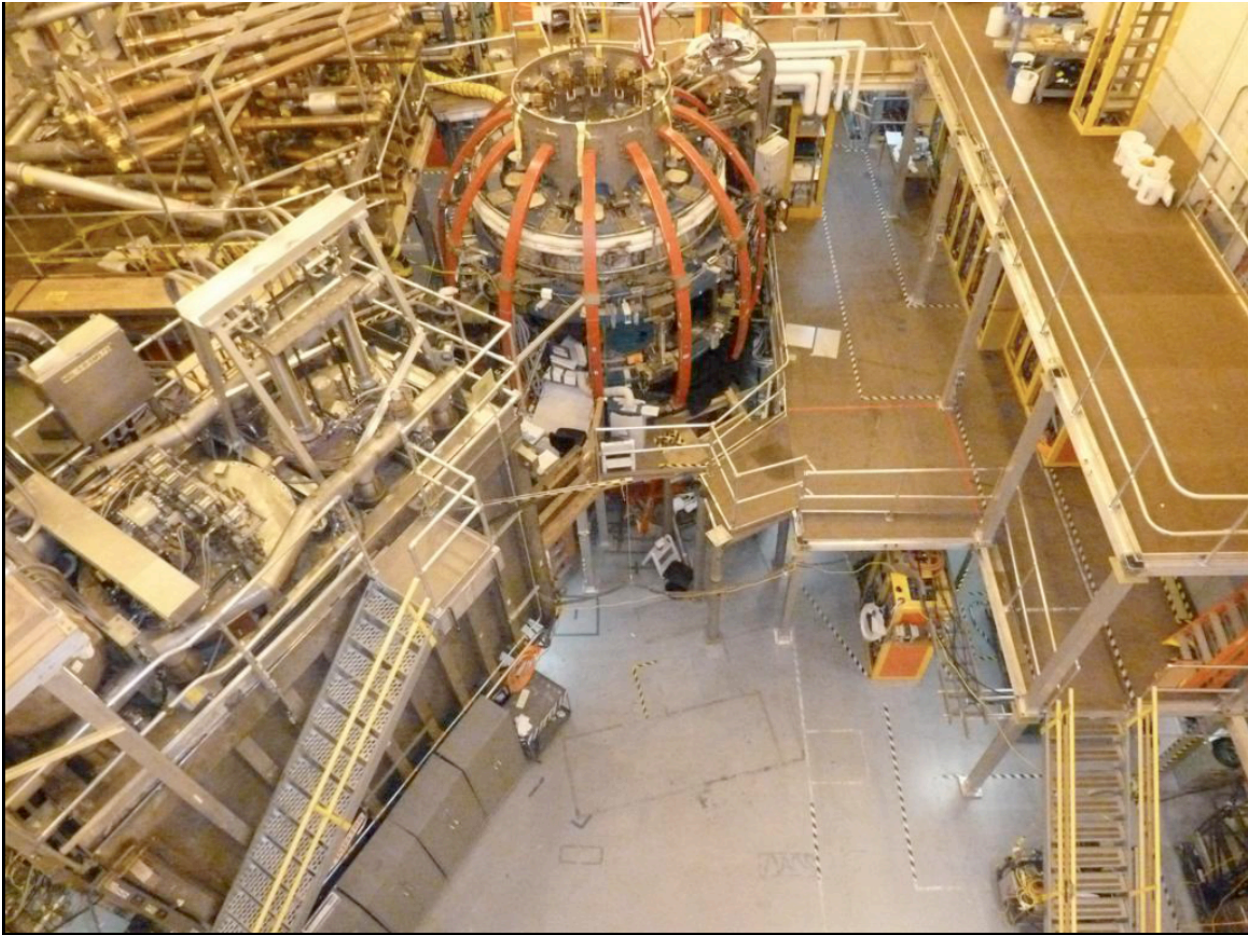
Please go to that page for meeting info and instructions, or go directly to:

<https://docs.google.com/spreadsheet/ccc?key=0ApI775syXcMdHlxbURwN21mVWVGUnRIendWa0ZVUHc> to submit your idea(s). (J. Menard, M. Ono)

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

NSTX Upgrade construction activities continued this week with the clearing of equipment and removal of the 109' platform in the Northwest corner of the test cell in preparation for the eventual location of the second neutral beam-line (the open space in the attached photo). The removed 109' platform components were utilized for the newly installed west 119' platform (the third level platform shown in the right hand side of the picture), and preparations for the relocation of category 3 (electrically referenced to the inner vacuum vessel) diagnostic racks to that platform are in progress. Small sections of that platform near the vacuum vessel have been left in place near the vessel aid in the installation of new vacuum vessel nozzles at Bays J and K. A procedure for the removal of TF outer coil turns #10 and #11 has been prepared and is out for review. MPTS in-vessel calibrations were performed this week, and an optical evaluation of the planned new MPTS configuration was successfully completed. The welding of additional vacuum vessel support ribs has started under the machine, and is making good progress.

Access to the NSTX test cell will be available only through previous arrangement with the Upgrade Work Control Center.



NSTX Test Cell Photo taken on Feb. 3, 2012.