

## NSTX-U Weekly Report (Feb. 7, 2014)

### **NSTX-U is in the Upgrade Project outage in FY 2014**

#### **Engineering Operations (A. von Halle, C. Neumeyer)**

NSTX Upgrade activities continued with the ongoing fabrication of the new OH coil on the inner TF bundle. The layer to layer brazes needed to make the transition to the OH coil next layer have been completed, and OH winding has resumed (see attached). Two-shift winding operations will resume on Monday. The new PF1B Lower coil is in our shop and being prepared for the installation of new flux loops and wet lay-ups. Diagnostic windows removed at the beginning of this outage are being delivered to the Vacuum Prep Lab for inspections and maintenance in preparation for reinstallation of the NSTX-U vessel.

Preparations of non-upgrade equipment for plasma operations in the NSTX-U configuration also continued with the ongoing preparations for the contract weld repairs of the spider arms on MG Set #1. The Statement of Work and required weld/inspection procedures have been reviewed and approved.

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

