

## **NSTX-U Weekly Report (October 13, 2017)**

**FY 2017 status: NSTX-U is in a maintenance and repair outage.**

### **Recovery**

**Magnets:** The straight test bundle is ready to be brought into the VPI oven. The fabrication of tooling for the PPPL PF1A prototype coil is complete and fabricated components have passed dimensional inspection. A kickoff meeting was held with an external coil vendor selected to fabricate a prototype inner PF coil.

**Management:** A plan for NSTX-U Recovery Project design reviews is being developed to align completion of the reviews of key components and subsystems with project-level reviews.

**Central I&C:** A vendor and equipment has been selected for the D-Site Data Acquisition Room (DARM) Fiber Optic Link pilot project.

### **Research**

D. Battaglia led a meeting of the Advanced Scenarios and Control Topical Science Group (ASC-TSG) to plan activities for NSTX-U Research Milestone R(18-2): “Develop simulation framework for spherical tokamak breakdown and current ramp-up”. Presentation materials from the meeting are archived [here](#).