

Stephen Langish

From: Timothy N. Stevenson
Sent: Thursday, May 24, 2012 6:02 PM
To: Mike Williams
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Subject: NBI Upgrade Weekly Status 5/25/12

Mike

NBI Upgrade: Efforts continue on drawings, orders, and installation procedures. Work continues in the NBPC building, NTC and gallery, TFTR Test Cell, and technical shops. Management participated in the Integrated Project Team meeting this week. Support by Procurement has been excellent. HP support continues to keep pace with beam activities in a very timely manner on a daily and even hourly basis.

NBI Relocation: Preparations for the load test lift procedure and loads are in progress. The TTC Lintel removal procedure is being finalized. The crane needed for the Lintels has been inspected. Crane maintenance has been performed. Boxes for the air castors are in fabrication.

NBI Refurbishment: The Magnet stand was removed from the BL to allow room for the BL Lift fixture. This lift was the last requirement prior to fitting the lift fixture into the beamline. The lid baffle panels were reinstalled. 90 inch flange refurbishment continues with fabrication of new feedthroughs. Calorimeter water line bellows parts testing has started. The ion dump full energy plate has been moved to NBPC and thermocouple fabrication has started.

NBI Services: Fabrication of cryogenics line continues in NBPC. Nitrogen line installation in NTC continues. The water line penetration locations were mapped out on the floor for scanning and eventual drilling.

NBI Power: Design work continues to adjust drawings for the NTC West wall penetrations.

NBI Controls: Mod/Reg chassis bench work continues. Work to open existing penetrations in the NTC East wall for controls cable has proceeded with difficulty but steady progress has been made.

NBI Duct and TVPS: The vendor for the Bay JK weldment and port extension reports that parts are being heat treated this week. Procedures are in progress for nozzle cuts, support installation, VV cuts, and Bay JK welding. The drawing for the circular bellows is complete. The rectangular bellows has been moved to NBPC shop for leakcheck prior to machine flange welding.

Regards,

Tim

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