

Stephen Langish

From: Timothy N. Stevenson
Sent: Friday, May 18, 2012 9:31 AM
To: Mike Williams
Cc: Ronald Strykowski; Alfred von Halle; Erik Perry; Mark Cropper; John Edwards; Thomas Egebo; Masayuki Ono; Mike Viola; Martin Denault; Kelsey Tresemer; Neway Atnafu; William Blanchard; S. Ramakrishnan; Guy Rossi; Kristopher Gilton; Lawrence Dudek; John Winkelman; Bob Simmons; Stephen Langish; Orlando Guzman; Victor Garzotto; Michael Yavor
Subject: NBI Upgrade Weekly Status 5/18/12

Mike

NBI Upgrade: At the Rollover meeting, the project discussed acceleration of some procurements, job progress and status, Tech Shop orders and deliveries, and upcoming construction schedule plans. Installation procedures that are presently in development or review need completion and approvals to support this schedule. HP support continues on pace with NBI work.

NBI Armor: The Armor manifolds are complete and received from the vendor. The backing plate channels require some additional minor machining to accommodate the as-built radii and a work order has been placed in the Tech Shop. The stiffeners are complete. The backing plate assembly and brazing is planned. The armor tile machining procurement is in progress.

NBI Relocation: Fabrication of the BL lift fixture in the Tech Shop is complete. Load test plans are in progress. Ancillary parts are in fabrication. The Lintel procedure is being updated for new format but is essentially complete. The crane needed for the Lintels has been inspected. Crane maintenance will be required.

NBI Refurbishment: 90 inch flange refurbishment continues with SIV and OMA box refurbishment and leakcheck completed. The OMA box lid refurbishments were also completed. Method of repair for feedthroughs has been identified and planned. Parts are being machined for new feedthroughs. Water line bellows parts have been received and will be tested.

NBI Services: Fabrication of cryogenics line continues in NBPC. Nitrogen vent line was fabricated and installed along the North wall and West wall of the NTC. Plans to start the supply line have started. Design work is in progress to adjust drawings for the NTC West wall penetrations for cryogenics. Floor scans were performed for anchors for the BL support stand locations and source platforms.

NBI Power: Design work is in progress to adjust drawings for the NTC West wall penetrations.

NBI Controls: Fabrication and assembly of the Gradient Grid Resistive Dividers has been completed. Mod/Reg chassis bench work continues. Work for reuse of existing penetrations for controls cable through the NTC East wall into the gallery has begun.

NBI Duct and TVPS: The vendor for the Bay JK weldment and port extension reports that parts are completed and welding is over 80% complete. Procedures are in progress for nozzle cuts, support installation, VV cuts, and Bay JK welding. The Work Control Center has grouped the schedule for these packages to simplify and minimize set up time in that area. The drawing for the circular bellows order nears completion. Both of the spool piece section drawings are complete and materials have been ordered for fabrication.

Regards,

Tim

Timothy N. Stevenson

NBI Project Manager
Head of Office of Project Management
Head of Experimental Heating Systems & Neutral Beam Operations

LSB 316 C Site
Princeton Plasma Physics Laboratory
Princeton University
P.O. Box 451
Princeton, NJ 08543

Office (609) 243-2657
FAX (609) 243-3248
email: tstevenson@pppl.gov

Skypager # : 2047351

You can visit the home page of the DOE Princeton Plasma Physics Laboratory
at <http://www.pppl.gov>