

## Stephen Langish

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**From:** Timothy N. Stevenson  
**Sent:** Friday, June 08, 2012 9:54 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; Edmond McBride; 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 6/8/12

Mike

**NBI Upgrade:** The NSTXU Project status meeting was held this week with all active jobs reporting progress. No new risks were identified. The TTC Lintel removals required and received extensive and timely HP support. Work continues on drawings, installation procedures, requisitions and orders, field installations, and fabrication in technical shops.

**NBI Armor:** The backplate machining for as-built manifold dimensions continues. Additional details were added for two tiles in the tile machining order and the requisition was re-approved.

**NBI Relocation:** The BL Lift fixture beam was successfully load tested this week. The additional parts required for the lift beam are complete. The TTC Lintel removals were completed so there are now no obstructions to the BL move from the TTC into the NTC South High Bay area. Boxes for the air castors are in fabrication.

**NBI Refurbishment:** Calorimeter water line parts including bellows are being fabricated and reassembly has resumed. Fabrication of water line feedthroughs for the 90 inch flange is in progress. BL water manifold work resumed.

**NBI Services:** Fabrication of cryogenics line continues in NBPC. Nitrogen line installation in NTC continues. Evaluation of access to the Nitrogen supply line on the East wall has started. The statement of work and installation procedure for penetrations is being developed.

**NBI Power:** Design work continues to adjust drawings for the NTC West wall penetrations. The statement of work and installation procedure for penetrations is being developed.

**NBI Controls:** Cable tray installations in the gallery for the controls continued with swift progress. LCC controls and wiring modifications continue.

**NBI Duct and TVPS:** The Bay JK weldment is complete. Final preparation is in progress at the vendor prior to shipment. The Installation Procedure for the Bay JK VV nozzle cuts is complete. IPs for support installation, VV cuts, and Bay JK welding are in progress. Tech shop work orders are in progress or in the queue awaiting priority. The large circular bellows order is imminent pending some minor details. The rectangular bellows leakcheck is being prepared. Low magnetic permeability weld wire for VV welds has been identified and tested with good results.

Regards,

Tim

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