

## Stephen Langish

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**From:** Timothy N. Stevenson  
**Sent:** Thursday, July 19, 2012 4:55 PM  
**To:** Mike Williams; Alfred von Halle  
**Cc:** Ronald Strykowski; Lawrence Dudek; 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; John Winkelman; Bob Simmons; Stephen Langish; Orlando Guzman; Victor Garzotto; Michael Yavor  
**Subject:** NBI Upgrade Weekly Status 7/20/12

Mike/Al

**NBI Upgrade:** The VV cutting process was put on hold for the evaluation of the Bay JK cap. An NCR was generated and approved concluding that repairs would be completed in the PPPL Tech Shop. A Work Order has been processed and work has started to repair the cap and port extension. Relocation and Refurbishment jobs continued in the TTC with full HP support. Management attended the monthly IPT meeting.

**NBI Armor:** Machining continues on the backing plates to accommodate as built manifolds. One backing plate quadrant is done. Bids on the armor tile machining have been received.

**NBI Relocation:** The trial lift of the BL using the new lift beam and fixtures was completed. The support pedestals were relocated to accommodate the air castor positioning.

**NBI Refurbishment:** Work on Calorimeter water lines and reassembly in the TTC continues.

**NBI Power & Services:** A bidder conference was held for penetration subcontractors to evaluate the NTC drilling job. Work continues on the liquid Nitrogen supply line in the NTC East wall.

**NBI Controls:** LCC controls and wiring modifications continue on the NBPC 138 level. Mod/Reg chassis modifications continued in the Mod/Reg shop. An installation procedure for NTC cable tray for controls was developed, reviewed, and approved.

**NBI Duct and TVPS:** The Bay JK weldment and port extension repairs have started. Welds will be added to the inside perimeter. Welds will also be added at other strategic points. Post-repair metrology will be needed to verify part dimensions again prior to VV cutting. Flange fabrications continue. An installation procedure and sketch is being developed from the full model to provide dimensions and landmarks for aligning the Bay JK cap to the VV and beam trajectories and eventually for aligning the beamline on its trajectories also.

Regards,

Tim

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