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## NBI Upgrade Weekly Status 1/27/12

1 message

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**Timothy N. Stevenson** <tstevens@pppl.gov>

Fri, Jan 27, 2012 at 11:31 AM

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Mike,

NBI Upgrade: A list of goals to accelerate schedule this year has been developed. Implications, impacts, and congestion will be evaluated for inclusion in the project rollover schedule.

NBI Armor: The IP for removal of the existing armor is being circulated. Armor support bracket fabrication is in progress. A revised requisition for POCO tiles was approved.

NBI Relocation: Additional detail has been discussed for inclusion in the lift procedures for the BL, Lid, ducts, and shield lintels. Sequencing of moves and lifts as well as disposition of equipment during the job has been discussed for planning purposes. Lift procedures are in progress. The BL lift fixture drawing are 80% complete.

NBI Controls: Power supply controls updates continue in the NBPC area. A cabling problem in the gallery controls racks was identified. Some rework of the cabling will be required but will not have a schedule impact.

NBI Services: Areas have been identified to locate and fabricate cryogenics line. This usage of floor space for these long pipes will require some minor rearrangement in NBPC. Discussions regarding the water system subcontract procurement and the penetration locations have begun and will require designer support.

NBI Refurbishment: Calorimeter bridge, collar, and strut machining and welding are on schedule in the Tech Shop. Installation of cryo insulation wrapping for the BL lid cryopanel continues in the TTC. HP support continues to keep pace with the project.

NBI Duct and TVPS: An IP for nozzle removal at Bay JK is in progress. The ion dump braze specification is in progress. Drawings for bidding the 40 inch round circular bellows are being finalized with concomitant changes on the flanges and spool pieces. The end flanges for the rectangular bellows assembly have been machined. Set up for welding these flanges has started.

Regards,

Tim

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