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NBI Upgrade Weekly Status 2/24/12

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Timothy N. Stevenson tstevens@pppl.gov

9:05 AM (11 minutes ago)

to Mike, Ronald, Alfred, Erik, Mark, John, Thomas, Masayuki, Mike, Martin, Kelsey, Neway, William, Ramakrishnan, Guy, Kristopher, La Mike

NBI Upgrade: Progress continues on jobs to buy and build parts. HVAC support will start work on the TTC ducts next week. HP support is in pace with needs. Accelerated work plans were discussed with the Construction Manager and will be incorporated in the overall schedule plans mature.

NBI Armor: Fabrication of armor supports are complete and ready for installation in the vessel. Development of an IP is in progress.

NBI Refurbishment: Fabrication of calorimeter parts nears completion and the final few pieces are ready for welding. The ion dump brazing is in progress.

NBI Relocation: Development of revised forecast dates for accelerated relocation work has been completed and reviewed. A planning meeting for SE door duct removals in the TTC was held for work which will start next week. A rack up of lid, wall, and crane hook heights was prepared over the South shield wall.

NBI Services: Fabrication of cryogenics pipe has begun. The layout of the BL on the NTC floor has been completed to narrow down the the water line penetrations. Penetration locations are being prepared for review and structural analysis. Modifications to the BL1 water are in progress.

NBI Power Systems: Penetration locations are being prepared for review and structural analysis.

NBI Controls: Fiber optics cables were removed from their TFTR cable tray locations for reuse on the upgrade. Ion gauge controller modifications are completed. An IP for liquid Nitrogen manifold installation was drafted.

NBI Duct and TVPS: Award of the Bay JK cap and port extension procurement is in progress. Optimization of the NB duct support structure. The accelerated schedule for the duct pieces is under review.

Regards,

Tim