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## NBI Upgrade Weekly Status 2/10/12

1 message

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Fri, Feb 10, 2012 at 9:02 AM

To: Lawrence Dudek &lt;ldudek@pppl.gov&gt;

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Larry

NBI Upgrade: The NSTXU monthly status meeting took place with all jobs reporting. Near term plans were reviewed at the Rollover Meeting.

NBI Armor: Removal of the existing armor from the interior of the vacuum vessel has been started. Armor support bracket machining nears completion and welding has started. This fabrication effort is on pace with machine activities.

NBI Refurbishment: Fabrication of calorimeter parts continues in the shops. The calorimeter struts were completed in the Tech Shop and delivered to the NB shop. The BL Lid insulation is complete. Modification of the external water rack has started on BL2.

NBI Relocation: The lid lift height rack-up has been completed. The small hook will be required for clearance going over the south shield wall. Plans for TTC large door conduit, duct, and lintel removals are being finalized.

NBI Controls: An IP is in review for NTC NBI controls cabling.

NBI Services: A sketch with details referenced to machine centerline and BL1 has been generated to mark off BL2 footprint in the NTC. This area will help determine locations of water pipe penetrations.

NBI Duct and TVPS: Work continues on the duct and TVPS fabrication. Questions from vendors on the Bay JK cap and port extension procurement have been received and fielded to expedite purchase of these weldments. The duct spool piece support structure has been evaluated and simplified while maintaining integrity. This work also provides support for the MPTS flight tube without additional structural members.

Regards,

Tim

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