

Stephen Langish

From: Timothy Stevenson
Sent: Thursday, October 11, 2012 6:56 PM
To: Mike Williams
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Subject: NBI Upgrade Weekly Status 10/12/12

Mike

NBI Upgrade: Work continues in the NTC, TTC, NBPC, and Technical Shops. HP support continues on pace in both the NTC and TTC. Management participated in the monthly Integrated Project Team meeting with DOE.

NBI Armor: Backing plate machining on the second plate continues as a background task in the shop.

NBI Relocation: The Beamline was raised to near midplane height and placed on the four support stands. The support stand welds to the BL are complete. Alignment to the beam midplane height and aiming trajectories has started and will continue next week. Remedial decon of parts after the major relocations continues in TTC and NTC with many parts cleared for free release and storage. The 4 BL supports from TFTR era used during the relocation for the air castors have been cleared and removed from the NTC to the south high bay area.

NBI Refurbishment: Water feedthroughs have been fabricated and work has resumed their installation on the 90 inch flange. This installation is the last major item to go on the flange before relocation to BL2 in the NTC. Effort has also resumed on the calorimeter reassembly. A rad trash shipment was processed by HP and removed by ERWM.

NBI Services: Fabrication of cryo lines continues in the NB shop. Evaluation of water system installation continues in preparation for subcontract procurement.

NBI Power: Triax cable shipment is imminent pending minor documentation from the supplier. The Decel coax cabling requisition has been approved.

NBI Controls: LCC controls and wiring modifications continue on the NBPC 138 level.

NBI Duct and TVPS: The Bay JK weldment and port extension are returning from heat treatment this week with metrology and leakchecking planned next week. Fabrication of duct flanges continues in the shop. Purchases of duct hardware are being prepared.

Regards,

Tim

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