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NBI Upgrade Weekly Status 2/17/12

1 message

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Mike

NBI Upgrade: Advanced planning continues to identify opportunities to accelerate tasks. Review by the Construction Manager will be required to synchronize with planned machine activities. Progress continues on all jobs to buy and build parts. HP support continues to keep pace with needs.

NBI Armor: Removal of the existing armor from the interior of the vacuum vessel continues including removal of the old supports. New Armor support parts have been welded and dimensional inspections are complete.

NBI Refurbishment: Fabrication of calorimeter parts continues in the shops. The calorimeter struts were leakchecked in the NB shop. The ion dump braze procurement process is in progress. The BL water rack modification manifold cuts are completed. Drawings for the Lid Nitrogen shield modification were completed.

NBI Relocation: Development of revised forecast dates for accelerated relocation work has started.

NBI Services: Fabrication areas in the NBPC building are being prepared to start cryogenics pipe fabrication. Pipe has been brought from Receiving to the NBI shop. Modifications to the BL1 water system required for the upgrade to add appropriate valves has started.

NBI Power Systems: The order for the high voltage triax cable has been placed. This cable is a long lead item.

NBI Controls: An IP is in review for NTC NBI controls cabling. Cabling work on controls racks is in progress. NTC cable tray material has arrived. Assembly of remote motor drives for power disconnect switches have been completed. Modulator/Regulator work continues. Decel controls modifications were started.

NBI Duct and TVPS: Bids on the Bay JK cap and port extension procurement have been received. Optimization of the duct support structure continues.

Regards,

Tim

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