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NBI Upgrade Weekly Status 4/06/12

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Timothy N. Stevenson tstevens@pppl.gov 8:59 AM (1 hour ago) ☆

to Alfred, Ronald, Mike, Erik, Mark, John, Thomas, Masayuki, Mike, Martin, Kelsey, Neway, William, Ramakrishna

AI

NBI Upgrade: Management conducted the monthly status review of upgrade jobs. Some strategic leveling of planned purchases was possible to pace progress and work while balancing FY12 and FY13 M&S for budget purposes. No impact to project schedule is expected.

NBI Armor: The Armor Installation Procedure is in progress including in-vessel metrology for tack welded armor support brackets. Rework is required to perform a best fit using the backing plates as templates to account for as-built conditions. Minor changes to supports will be made as needed. This work has to be rescheduled after the backing plate fabrication is completed. Once fit-up is completed final welding will take place. The Armor Tile machining requisition package is being prepared for release.

NBI Relocation: Preparatory grinding work for lintel removal has been completed in the TTC. Fabrication of the BL lift fixture continues in the Tech Shop. The lintel lift procedure has been developed and is out for review.

NBI Refurbishment: The full energy ion dump plate was received, inspected, and leakchecked. Calorimeter modifications continue in the TTC. Calorimeter parts modification for as-built conditions continues in the NBI shop.

NBI Services: Fabrication of Helium and Nitrogen cryogenics line continues in NBPC but needs more welding support. Penetration locations and installation procedures are under consideration. Evaluation of technique for scanning of concrete is in progress.

NBI Power: Penetration locations and installation procedures are under consideration. These penetrations will be performed along with the cryo and water service penetrations.