



Robert Simmons &lt;bsimmons@pppl.gov&gt;

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## NBI Upgrade Weekly Status 2/3/12

1 message

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**Timothy N. Stevenson** <tstevens@pppl.gov>

Thu, Feb 2, 2012 at 5:06 PM

To: Mike Williams &lt;williams@pppl.gov&gt;

Cc: Ronald Strykowski &lt;rstrykow@pppl.gov&gt;, Alfred von Halle &lt;avonhall@pppl.gov&gt;, "Erik D. Perry" &lt;eperry@pppl.gov&gt;, Mark Cropper &lt;mcropper@pppl.gov&gt;, John Edwards &lt;jedwards@pppl.gov&gt;, Thomas Egebo &lt;tegebo@pppl.gov&gt;, Masayuki Ono &lt;mono@pppl.gov&gt;, Mike Viola &lt;mviola@pppl.gov&gt;, Martin Denault &lt;mdenault@pppl.gov&gt;, Kelsey Tresemer &lt;ktresem@pppl.gov&gt;, Neway Atnafu &lt;natnafu@pppl.gov&gt;, "William R. Blanchard" &lt;wblancha@pppl.gov&gt;, "S. Ramakrishnan" &lt;raki@pppl.gov&gt;, Guy Rossi &lt;grossi@pppl.gov&gt;, Kristopher Gilton &lt;kgilton@pppl.gov&gt;, Brian Clark &lt;bclark@pppl.gov&gt;, John Winkelman &lt;jwinkelm@pppl.gov&gt;, Lawrence Dudek &lt;ldudek@pppl.gov&gt;, Bob Simmons &lt;bsimmons@pppl.gov&gt;, Orlando Guzman &lt;oguzman@pppl.gov&gt;, Victor Garzotto &lt;vgarzott@pppl.gov&gt;

Mike,

NBI Upgrade: Progress continues on evaluating tasks to accelerate and stage for the coming months. The shops continue to expedite parts to support this acceleration. The NTC BL area has been substantially opened up with the removal of 109 platforms.

NBI Armor: The IP for removal of the existing armor has been approved. Armor support bracket fabrication nears completion. A requisition for water manifolds was prepared and approved.

NBI Relocation: Additional detail has been identified and added for the lift procedures for the BL, Lid, ducts, and shield lintels. Arrangements have been made with Facilities for duct removals and removal of ducts has been planned. Lift procedures are in progress. The BL lift fixture drawing is complete. A work order will be placed in the shop to fabricate the BL lift fixture. A lid lift height rack-up is in progress to ascertain clearance going over the south shield wall.

NBI Controls: An IP is in development for NTC NBI cabling. PC boards for power supply controls changes are in progress. Disconnect switch control and fabrication has progressed to the point of installation work in the NB Switchyard. This work will be weather dependent. A requisition for the BL Baratron cable has been approved.

NBI Services: The NTC removals of platforms and equipment have progressed to bare floor allowing the beam footprint to be laid out on the NTC floor. The footprint will be used to evaluate exact locations for water line penetration drilling. The layout will use the General Arrangement model and the fixed landmarks of machine centerline monument and BL1 as reference. Placement of HVEs will also be considered.

NBI Refurbishment: Rework was required on the calorimeter collars but the new pieces are being completed rapidly. The ion dump braze specification and requisition has been approved. Installation of cryo insulation wrapping for the BL lid cryopanel was inspected in the TTC and some minor additions will be done. HP support continues to keep pace with the project.

NBI Duct and TVPS: An IP for nozzle removal at Bay JK is in approval. The 40 inch round bellows specification is complete. The drawings for the duct transition piece are nearing completion and a make versus buy decision will be evaluated with the shops.

Regards,

Tim

Timothy N. Stevenson

NBI Project Manager  
Head of Office of Project Management  
Head of Experimental Heating Systems & Neutral Beam OperationsLSB 316 C Site  
Princeton Plasma Physics Laboratory  
Princeton University  
P.O. Box 451  
Princeton, NJ 08543Office: [\(609\) 243-2657](tel:(609)243-2657)  
FAX: [\(609\) 243-3248](tel:(609)243-3248)  
email: [tstevens@pppl.gov](mailto:tstevens@pppl.gov)

Skypager #: 2047351

You can visit the home page of the DOE Princeton Plasma Physics Laboratory  
at <http://www.pppl.gov>