

## Stephen Langish

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**From:** Timothy N. Stevenson  
**Sent:** Friday, May 04, 2012 8:54 AM  
**To:** Mike Williams  
**Cc:** Ronald Strykowski; Alfred von Halle; Erik Perry; Mark Cropper; John Edwards; Thomas Egebo; Masayuki Ono; Mike Viola; Martin Denault; Kelsey Tresemer; Neway Atnafu; William Blanchard; S. Ramakrishnan; Guy Rossi; Kristopher Gilton; Lawrence Dudek; John Winkelman; Bob Simmons; Stephen Langish; Orlando Guzman; Victor Garzotto  
**Subject:** NBI Upgrade Weekly Status 5/4/12

Mike

NBI Upgrade: The Office of Science review took place with 5 project presentations and 1 ESH&S safety presentation, tours, breakout sessions, follow-up, and close out. The project presentation material was well received.

NBI Armor: POCO graphite tile material has been received. The machining order is in process.

NBI Relocation: Fabrication of the BL lift fixture continues in the Tech Shop. The air castor boxes were released to the Tech Shop for fabrication.

NBI Refurbishment: Calorimeter refurbishment continued in the TTC with rework for desired alignment. Leakchecking of 90 inch flange OMAs continued. Evaluation and leakcheck of Source isolation Valves has started.

NBI Services: Fabrication of cryogenics line continues in NBPC. Welding the internal tee into the Nitrogen vent line was completed.

NBI Power: Evaluation of the cable and tray penetration at or near the shield block continues.

NBI Controls: Fabrication and assembly of the Gradient Grid Resistive Divider continues. Modifications on N4ABC Local Control Center wiring continues. Mod/Reg chassis work continues.

NBI Duct and TVPS: The vendor for the Bay JK weldment and port extension reports steady fabrication progress and expected delivery this month. Weld considerations and magnetic permeability at the vacuum vessel are being evaluated for best choice of weld wire and technique.

Regards,

Tim

Timothy N. Stevenson

NBI Project Manager  
Head of Office of Project Management  
Head of Experimental Heating Systems & Neutral Beam Operations

LSB 316 C Site  
Princeton Plasma Physics Laboratory  
Princeton University  
P.O. Box 451  
Princeton, NJ 08543

Office (609) 243-2657  
FAX (609) 243-3248  
email: [tstevenson@pppl.gov](mailto:tstevenson@pppl.gov)

Skypager # : 2047351

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