

Charge to the NSLS-II Project Advisory Committee March 29-30, 2012

Since the last PAC meeting on February 2011, the NSLS-II project made an excellent progress on construction of the Conventional Facilities, production of components for the Accelerator Systems and completion of the final design of the six project beamlines while ramping up the installation of the Accelerator Systems and procurement of the beamline components.

By February 2012, the Project will be over 74% complete while maintaining the baseline parameters with reasonable cost and schedule contingencies available. The project has continued to analyze remaining risks and update plans to add scope beyond the baseline to maximize the scientific productivity of the facility.

The primary goals for 2012 are to continue to keep the Project on schedule and on budget while ensuring safety, to execute assembly and installation of the accelerator systems, and to finalize plans to successfully transition from construction to operations. In this context, the PAC is kindly requested to evaluate and make recommendations on the following topics:

1. Technical Progress: Review the overall technical progress for meeting performance, cost, and schedule goals.
2. Safety Management: Review adequacy of the safety program and whether it is being fully integrated and effectively managed.
3. Completion Plan for Conventional Construction: Assess the progress on conventional construction and its plans for construction completion phase.
4. Production, Installation, Start-up and Commissioning: Assess the progress on production, assembly, and installation of the accelerator systems and 6 project beamlines and their plans for startup and commissioning.
5. Risks: Are the Project's risks being managed effectively and the contingency adequate for the remaining risks?
6. Contingency Spend Plan: Assess the appropriateness of the contingency spend plan in order to ensure the maximum and timely scientific productivity upon project completion.

A review report is requested to be sent to the BNL Laboratory Director by April 27, 2012.