

Charge to the NSLS-II Project Advisory Committee December 10-11, 2009

Since obtaining CD-3 approval on January 9, 2009, the NSLS-II project has made a substantial progress on construction of the Conventional Facilities and procurements of the production components for the Accelerator Systems. The Conceptual Design of the Experimental Facilities also has been completed.

Following a successful DOE Lehman Review in June 2009, the Project held a Conceptual Design Review for Experimental Facilities on October 13-14, an Accelerator Systems Advisory Committee meeting on October 22-23, and a Conventional Facilities Advisory Committee meeting on November 9-10.

The primary goals for 2010 are to keep the Project on schedule and on budget while ensuring safety, to refine plans to begin assembly and installation of the accelerator systems, and to refine plans to successfully transition from construction to commissioning. In addition, the Project has developed a contingency spend plan to plan for scope additions in case of continued good cost performance. 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 and assess the appropriateness of the project execution plans 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. **Production, Installation, Start-up and Commissioning:** Assess the plans for production, assembly, and installation of the accelerator systems and plans for startup and commissioning.
4. **Procurement and Contract Management:** Assess the plans for remaining procurements and contract management.
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 related to risks and project funding profile.

A review report is requested to be sent to the BNL Laboratory Director by January 11, 2010.