

Comments on Contingency and Risk of the Run IIb CDF Detector Upgrade Project

The Baseline Change Proposal(BCP) for the Run IIb CDF Detector Upgrade contains no new scope from the baseline proposed at the time of the Baseline Readiness Review (24 September 2002) or External Independent Review (4 November 2002). The BCP is simply a subtraction of the elements in our baseline plan that are needed for the construction and installation of the replacement silicon detector. Consequently, the contingency and risk assessments on the remaining elements of the project, done at that time, are still appropriate.

The contingency estimate of the project was made by performing an estimate on each item in the Work Breakdown Structure(WBS) at the lowest level in the structure. The contingency applied to each element was given in accordance with the procedure detailed in section 7 of the Run IIb CDF Detector Project Management Plan (PMP). The specific contingency levels chosen for each element can be obtained from the WBS Dictionaries submitted to each of the 2002 reviews mentioned above. We feel that the contingency estimate performed last year remains appropriate for the project at this time.

Similarly, the risk associated with each of the subprojects was analyzed a year ago, and found acceptable. No new information has come to light that questions the conclusions that were reached at that time, so analysis of the risk remains appropriate. Risk was analyzed in accordance with the methods described in Section 9 of the PMP.