



Date: February 20, 2017
To: File
From: S. Peggs
Subject: **Recommendations from the Directors Review, Feb 6-7, 2017**

See https://www.classe.cornell.edu/CBETA_PM/170206_review_directors

The following is a complete list of the 8 recommendations in the final committee report.

Technical systems

1. Consider reducing scope of diagnostics and correction elements based on the outcome of detailed commissioning simulations and magnetic measurements of the arc and spreader magnets. This should be completed by the time of the commencement of major procurements.
2. Develop a more complete set of tolerance studies focusing on maximum expected beta-beat for the uncorrelated quadrupole errors in the machine from different installation scenarios and connect the beta-beat with the element tolerances. This should be developed before completion of the magnet procurement documents.
3. Invite the NSLS-II ID group to share their experience with handling Permanent Magnet Material for FFAG magnets.

Cost and schedule

4. Complete the project schedule by April 7, 2017.
5. Review the cost estimate to ensure that all contingency is removed from individual estimates and collected at the highest level. Complete the review by March 17, 2017.

Management

6. Add impacts (cost and schedule) to the risk register to tie risk to contingency. Complete by March 3, 2017.
7. Identify additional items for scope contingency and include decision dates for removal. Complete by March 17, 2017.
8. Perform a cost and schedule re-evaluation before April 14, 2017.