

July 27, 2017

Dear Patrizia,

We thank the PREX-II/CREX collaboration for their commissioning plans and other updates. We think the experiments are ready to move forward and should be considered by the scheduling committee.

As expected, there has been good progress not only in detailing Hall A beam tune-up procedures, but in exploring mitigation to potential rad-damage to magnet hoses as well as implementing ALARA in the overall design. In addition, this homework exercise has yielded unexpected insights, such as the possible need for accesses early in the experiment to re-align the Moller polarimeter magnet.

Another unexpected insight is that it would be highly desirable for the magnetic shielding along the downstream beamline to allow for *single* HRS operation. This presents a more challenging shielding problem due to the lack of cancellation of the stray dipole fields from two Q1's. The inability to operate with a single HRS would not be a show-stopper, but it would complicate and modify the commissioning plans and mean the experiment could not take data when only one HRS is available.

Sincerely,

The PREX-II/CREX ERR Committee

