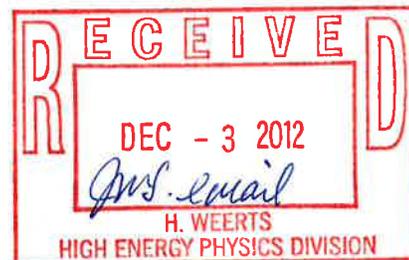




Department of Energy

Washington, DC 20585

DEC 3 2012



Dr. Harry Weerts
Division Director
High Energy Physics Division
Argonne National Laboratory
9700 S. Cass Avenue
Argonne, IL 60439

Dear Dr. ^{Harry}Weerts:

The Department of Energy (DOE) Office of High Energy Physics (OHEP) plans to conduct a review of the Large-Area Picosecond Photo-Detector (LAPPD) program on December 18-19, 2012 at the Argonne National Laboratory (ANL). A review panel of experts in HEP experimental research, general HEP detector R&D, and particularly photo-detectors is being convened for this task.

I will chair this review assisted by Peter Kim of the Office of High Energy Physics.

Each panel member will evaluate background material on the LAPPD Collaboration and attend all the presentations at the December 18-19 review. The focus of the review will be on understanding:

- The continued significance and relevance of the LAPPD program with an emphasis on its impact on the experimental programs' supported by the DOE OHEP;
- The progress toward scientific and technical milestones for the period leading up to the end of 2012;
- The status of the R&D program, current device designs, and the proposed technical scope-of-work for the next three years;
- The connections between the proposed research program and the development of industrial capabilities for manufacturing and testing new devices;
- The feasibility and completeness of the proposed budget and schedule;
- The effectiveness of the proposed management structure.



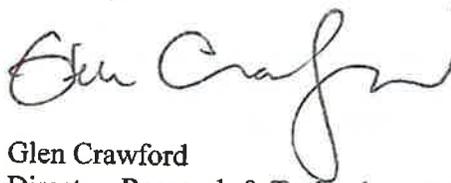
Each panel member will be asked to review these aspects of the LAPPD program and write an individual report on his/her findings. These reports will be due to the DOE two weeks after completion of the review. Peter Kim, Detector R&D program manager, will accumulate the reports and compose a final summary report based on the information in the letters.

The two days of the review will consist of presentations and executive sessions. The later half of the second day will include an executive session and preliminary report writing; a brief close-out will conclude the review. Preliminary findings, comments, and recommendations will be presented at the close-out. You should work with Peter Kim to generate an agenda which addresses the goals of the review.

Please designate a contact person at ANL for the review panel members to contact regarding any logistics questions. Word processing, internet connection and secretarial assistance should be made available during the review. You should set up a web site for the review with relevant background information on LAPPD, links to the various LAPPD sites the collaboration has developed, and distribute relevant background and project materials to the panel at least one week prior to the review. Please coordinate these efforts with Peter Kim so that the needs of the review panel are met.

We greatly appreciate your willingness to assist us in this review. We look forward to a very informative and stimulating review at ANL.

Sincerely,

A handwritten signature in black ink, appearing to read "Glen Crawford". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Glen Crawford
Director, Research & Technology Division
for High Energy Physics