




## Department of Energy

Washington, DC 20585

MAY 4 2012

MEMORANDUM FOR: BRUCE STRAUSS  
MAP PROGRAM MANAGER  
FACILITIES DIVISION  
OFFICE OF HIGH ENERGY PHYSICS

FROM: MICHAEL PROCARIO   
DIRECTOR  
FACILITIES DIVISION  
OFFICE OF HIGH ENERGY PHYSICS

SUBJECT: U.S. Muon Accelerator Program (MAP) Annual Technical  
and Management Review

This memorandum is to request that you organize and conduct a Technical and Management review of the U.S. Muon Accelerator Program (MAP). This review should appropriately involve the input and participation of related programs in the office of High Energy Physics (OHEP). This review should be completed before the end of September 2012.

MAP, encompassing research and development activities in accelerator and beam systems, beam instrumentation, and very high field magnets, plays an important role in the nation's high energy physics program. It is important for OHEP to understand the progress and future plans of the research program, the effectiveness of its management and whether resources and planning are being directed optimally to support the scientific goals of the nation's high energy physics program. At present it is most important to ascertain how this program will evolve into efforts for a major project.

It is requested that your review evaluate:

- The quality and significance of the MAP scientific and technical accomplishments, and the merit, feasibility and impact of its planned research program;
- The effectiveness in strategic planning, development of appropriate core competencies, and implementing a prioritized and optimized program;
- The effectiveness and appropriateness of the laboratory interactions to maximize the leveraging of existing infrastructure and expertise available at those laboratories;
- The status of the MICE experiment as well as interactions with international collaborators.

This review should also comment upon what progress has been made towards addressing action items, if any, from previous reviews of this program.



I should appreciate receiving the review reports, suitable for transmission to the laboratories, within 45 days after the review.

cc: Mark Palmer, FNAL  
Stuart Henderson, FNAL