Department of Energy
Washington, DC 20585

AUG 13 2013

MEMORANDUM FOR DANIEL LEHMAN, DIRECTOR
OFFICE OF PROJECT ASSESSMENT

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

SUBJECT: Request to Conduct CD-1 Review of the Muon g–2 Project

I request that your Office conduct an Independent Project Review of the Muon g–2 Project on September 17–18, 2013 at Fermilab, in order to confirm the thoroughness of the conceptual design and cost range for Critical Decision CD-1. In your review, please evaluate whether the Project is prepared to enter the next phase, preliminary design. In performance of a general assessment of progress, current status and the identification of potential issues, the committee should address the following specific items:

1. Does the conceptual design satisfy the performance requirements?
2. Do the conceptual design report and documentation appropriately support the stated cost range and project duration?
3. Does the proposed project team have appropriate management experience, design skills and Laboratory support to produce a credible technical, cost and schedule baseline?
4. Are ES&H aspects being properly addressed and are future plans sufficient given the project's current stage of development?
5. Is the documentation required by DOE, satisfying Order 413.3B, ready for approval of CD-1?

As the program manager for the Muon g–2 Project, Dr. Theodore Lavine will serve as the Office of High Energy Physics contact person for this review.

We appreciate your assistance in this matter. As you know, these reviews play an important role in our program. I look forward to receiving your Committee's report.

cc: Patricia Dehmer, SC-2
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