



Department of Energy
Washington, DC 20585

AUG 21 2012

MEMORANDUM FOR DANIEL LEHMAN, DIRECTOR
OFFICE OF PROJECT ASSESSMENT

FROM: JAMES SIEGRIST *James Siegrist* For JS
ASSOCIATE DIRECTOR FOR HIGH ENERGY PHYSICS
OFFICE OF SCIENCE HIGH ENERGY PHYSICS

SUBJECT: REQUEST TO CONDUCT CD-1 REVIEW OF THE LBNE PROJECT
AT FERMILAB

I request you conduct an Independent Project Review of the LBNE Project (for construction of the Long Base-line Neutrino Experiment) from October 30 through November 1, 2012 at Fermilab, in order to validate readiness of the conceptual design and cost range for DOE Critical Decision CD-1 approval.

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 provide increased research capabilities envisioned in the mission need? Does the conceptual design satisfy the performance requirements recently recommended by the LBNE reconfiguration steering committee?
2. Do the conceptual design report and supporting documentation adequately justify the stated cost range and project duration?
3. Does the proposed project team and staffing plan offer adequate management experience, technical expertise, and Laboratory support to produce a credible technical, cost and schedule baseline required for CD-2?
4. Are ES&H aspects being properly addressed and are future plans sufficient given the project's current stage of development?
5. Have all prerequisite requirements for CD-1 approval been satisfied? Is the project ready for CD-1 approval?

Dr. Theodore Lavine is the program manager for the LBNE Project in the Office of High Energy Physics and will serve as the OHEP contact person for the 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 within 60 days of the review.



cc: William Brinkman, SC-1
Patricia Dehmer, SC-2
James Siegrist, SC-25
Theodore Lavine, SC-25
Alan Stone, SC-25
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