



Department of Energy

Washington, DC 20585

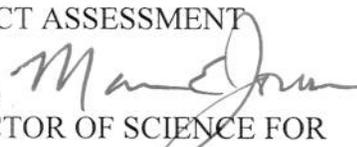
JUN 15 2010

MEMORANDUM FOR DAN LEHMAN

DIRECTOR

OFFICE OF PROJECT ASSESSMENT

FROM:

MARCUS E. JONES 
ASSOCIATE DIRECTOR OF SCIENCE FOR
SAFETY, SECURITY AND INFRASTRUCTURE

SUBJECT:

Review of the FY 2011 Infrastructure Modernization Initiative
Projects

I request that you organize and conduct an Independent Project Review (IPR) of the planned FY 2011 projects under the Infrastructure Modernization Initiative on August 24-25, 2010, in Germantown, Maryland. The purpose of the IPR is to assess all aspects of each project's conceptual design and associated plans – technical, cost, schedule, management, and environment, safety and health (ES&H) – in preparation for Critical Decision (CD)-1, Approve Alternative Selection and Cost Range.

The planned FY 2011 projects participating in this review will be the Utilities Upgrade project at Fermi National Accelerator Laboratory (FNAL) and the Utilities Infrastructure Modernization project at Thomas Jefferson National Accelerator Facility (TJNAF). Each of these projects received CD-0, Approve Mission Need, in September 2009.

In carrying out its charge, the committee should respond to the following questions:

1. Have performance requirements been appropriately and sufficiently defined for this stage of the project? Is the conceptual design sound and likely to meet the performance requirements?
2. Has a credible and sufficient alternatives analysis been performed that supports the proposed technical scope, cost, and schedule?
3. Are the cost and schedule estimates credible and realistic for this stage of the project? Is adequate contingency included?
4. Is the project being managed (i.e., properly organized, adequately staffed) as needed to begin the Preliminary Design and to support the project through construction to successful completion?
5. Are ES&H aspects being properly addressed given the project's current stage of development? Are Integrated Safety Management Principles being followed?



6. Is project documentation (e.g., Acquisition Strategy, Preliminary Project Execution Plan, and Preliminary Hazard Analysis Report) complete and ready for CD-1 approval?

Gary Brown is the program manager for the FNAL project while Gordon Fox is the program manager for the TJNAF project. They will serve as the contact persons for this review.

cc:

M. Bollinger, FSO
S. Webster, FSO
R. Alber, FNAL
S. Mallette, TJSO
R. Korynta, TJSO
R. Sprouse, TJNAF
R. Won, SC-28
G. Malosh, SC-3
M. Jones, SC-31
S. Short, SC-31
G. Brown, SC-31
G. Fox, SC-31