



Department of Energy
Office of Science
Washington, DC 20585

AUG 14 2012

MEMORANDUM FOR DANIEL R. LEHMAN
DIRECTOR

OFFICE OF PROJECT ASSESSMENT

FROM:

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

SUBJECT:

Annual Peer Review of the Technology and Engineering
Development Facility (TEDF) Project at Thomas Jefferson
National Accelerator Facility (TJNAF)

I request that you organize an Annual Peer Review of the Technology and Engineering Development Facility (TEDF) not later than October 31, 2012. The purpose is to review the technical, cost, schedule, management, and environmental, safety and health aspects of the project to assess overall progress and readiness for successful completion.

As you know, the TEDF project was granted approval of CD-0 on September 18, 2007, CD-1 on September 28, 2008, and CD-2 on November 12, 2009. In an effort to expedite the construction schedule, CD-3, Approve Start of Construction, was divided into two phases. The first phase (CD-3a) included early construction and long lead procurement of site work, and the second phase (CD-3b) included general construction for new and renovated space. The project received approval for CD-3a on March 26, 2010, and CD-3b on August 4, 2010. The project achieved CD-4a, Approve Start of Operation – New Construction, on March 22, 2012, and is forecasted to achieve CD-4b, Approve Start of Operation – Renovation, in October 2013.

In carrying out its charge, the peer review committee is requested to consider the following questions:

1. Technical: Are the final design and approved changes technically sound and consistent with the approved performance requirements? Are plans in place for resolving technical issues to meet CD-4b, Approve Start of Operation – Renovation?
2. Cost, Schedule, Risk, and Contingency: Are resources adequate to complete the project within the approved cost and schedule performance baseline? Is there adequate cost and schedule contingency to address the remaining risks?
3. Environment, Safety and Health (ES&H): Are ES&H aspects being properly addressed? Are Integrated Safety Management principles being followed?



4. Management: Is the project properly organized, staffed, and managed for successful execution? Are plans being developed for the transition to operations following project completion?
5. Prior Reviews: Has the project responded appropriately to recommendations from prior reviews?

Chris Ackerman will serve as the Office of Safety, Security and Infrastructure point of contact for this review. If you have any questions, please call Chris Ackerman at 301-903-0557. I would appreciate receiving your office's report within 60 days of the conclusion of the review.

cc:

R. Won, SC-28
J. Arango, TJSO
R. Korynta, TJSO
R. Sprouse, TJNAF
J. McBrearty, SC-3
G. Fox, SC-31
C. Ackerman, SC-31

TEDF Annual Peer Review Charge Memo – Final 09AUGJUL12.docx

SC-31.2 CAckerman	SC-31.2 GFox	SC-31 RWon	SC-31 SBetson	SC-31 MJones
8/9 /12	8/9/12	8/9/12	8/13/12	8/ /12

The following sentence is recommended to be added at the end of the last paragraph per OPA current practices .

" I would appreciate receiving your office's report within 60 days of the review's conclusion . "

OK added
on 8/13/12 CPA

