



Department of Energy
Office of Science
Washington, DC 20585

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MEMORANDUM FOR STEPHEN W. MEADOR

DIRECTOR

OFFICE OF PROJECT ASSESSMENT

FROM:

STEPHANIE A. SHORT

Stephanie Short
ASSOCIATE DEPUTY DIRECTOR FOR FIELD
OPERATIONS

SUBJECT:

Independent Project Review (IPR) of the Core Facility
Renovation (CFR) project at Brookhaven National Laboratory
(BNL)

I request that you organize and conduct an IPR of the CFR project located at BNL. The purpose of the IPR is to assess aspects of the project to determine readiness to achieve Critical Decision (CD) – 1, Approve Alternative Selective and Cost Range. This IPR will occur at Brookhaven on consecutive days August 23 - 25, 2016.

The CFR project achieved CD-0 on September 1, 2015. The project is expected to receive initial funding under the Science Laboratories Infrastructure program in FY 2017.

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

1. Have performance requirements been appropriately and sufficiently defined for this stage of the project?
2. Has a credible and sufficient alternatives analysis been performed? Are project risks identified and has a credible Risk Management Plan been developed?
3. Are the estimated cost and schedule ranges supporting the alternatives credible and realistic for this stage of the project? Are scope, cost, and schedule contingency adequate?
4. Is the project being appropriately managed? Is the Integrated Project Team established and functioning?
5. Are environment, safety, and health aspects being properly addressed given the project's current stage of development? Are Integrated Safety Management principles being followed?



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

7. Is the abatement of residual hazardous materials within B725 technically feasible, and if so, is abatement scope appropriately bounded in the alternatives analysis and cost and schedule ranges?

Gary Brown is the program manager for the CFR project and will serve as my point of contact for this review. You can contact Gary at (301) 903-6253. I would appreciate receiving the review committee's report within 30 days of the conclusion of the review.

cc:

E. Merrill, SC-28

F. Crescenzo, BSO

L. Nelson, BSO

P. Caradonna, BNL

S. Trischman, SC-33

G. Brown, SC-33