



## Department of Energy

Washington, DC 20585

April 7, 2014

Dr. Hugh Montgomery  
Thomas Jefferson National  
Accelerator Facility  
12000 Jefferson Avenue  
Newport News, VA 23606

Dear Dr. Montgomery:

Enclosed are two documents, the Department of Energy (DOE) Report of the combined Science and Technical, Cost, Schedule, and Management Review of the proposed Super BigBite Spectrometer (SBS) program held on November 4-5, 2013, at the Thomas Jefferson National Accelerator Facility in Newport News, Virginia, and a document with excerpts from the individual reviewer reports. We would like to thank the project team for their efforts in generating documentation and making preparations for this review, and for responding appropriately to the recommendations generated at previous review.

The review panel found the SBS science program continues to be compelling and technically feasible, provided that the projected technical performance can be achieved. The panel endorsed the proposed technical choices and their realization. The review panel also recognized that outside organizations will contribute critical components that are not part of the SBS project. The overall complexity of the SBS program (on- and off-project) should not be underestimated. It requires a significant effort from the Hall A team and coordination and oversight of sizable off-project contributions. Thus, a significant management effort will be needed to ensure successful completion of the SBS Spectrometer. The reviewers recommended several strategies to help managing this scenario.

Laboratory management is asked to continue supporting this effort. Several challenges remain ahead and the Research Management and the Project Management Plans should be updated to reflect the most recent information. Careful consideration should be given to the scientific effort to produce physics results in a timely fashion.

Sincerely,

Jehanne Gillo  
Director  
Facilities and Project Management Division  
Office of Nuclear Physics

Enclosures

cc: Robert McKeown, TJNAF  
Joseph Arango, TJSO  
Bradley D. Keister, NSF

