



## Department of Energy

Washington, DC 20585

July 6, 2007

Dr. Persis Drell  
Director of Particle and Particle Astrophysics  
Stanford Linear Accelerator Center  
2575 Sand Hill Road  
Menlo Park, California 94025

Dear Dr. Drell:

The very successful B-Factory of the Stanford Linear Accelerator Center is scheduled to complete its mission at the end of FY2008. The Office of High Energy Physics of the Department of Energy has asked you to formulate a ramp down and D&D plan for the PEP-II accelerator and the BaBar detector using the following planning assumptions:

- Facilities and equipment should be placed in a configuration that will minimize maintenance requirements while ensuring safety and environmental protection as soon as possible following shutdown of operations;
- Re-use of equipment, materials, and facilities should be maximized to the extent practicable and allowable;
- Several options for the end-state of decontamination and decommissioning of the facilities and equipment should be analyzed.

We would like you to present your plans at a review scheduled for August 6-7 at SLAC. Your plans will be evaluated by a review committee that will consist of consultants who have experience in running and decommissioning facilities as well as several observers from the Office of Science. The review will be organized and chaired by your Program Officer, John Kogut.

The review will address the following questions:

- Are the proposed budget and schedule for the ramp down of the facility feasible and complete;
- Does the lab have a clear plan for the equipment and space freed up during the ramp down that will benefit ongoing and future missions;
- Has the lab evaluated reasonable options for the D&D phase;
- Does the lab propose a sound management structure and reporting mechanisms to carry out and track execution of the plan;
- Is the approach to environment, safety and health issues reasonable;
- Is the availability of equipment and workforce adequate to carry out the plan; and



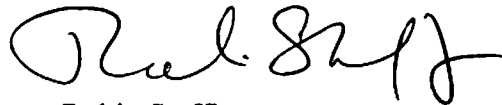
- Will the impact on the laboratory's staff affect the lab's ability to support HEP efforts in the future?

As we have done in past DOE program reviews, we will invite our reviewers to provide immediate feedback to the Laboratory, but we will also request from them confidential statements in writing that will be used in our evaluation of your plans.

A tentative list of members of the review committee is enclosed for your information. Please develop a detailed agenda for the review in consultation with Dr. Kogut. In addition, please plan to provide background material and draft review presentations to the review committee at least one week in advance of the review on a web site.

We look forward to this important review.

Sincerely,



Robin Staffin  
Associate Director  
Office of High Energy Physics

Enclosure

cc: R. Orbach, SC-1  
J. Dorfan, SLAC  
A. Richards, SSO

## **B-Factory Decommissioning Review Team**

### **Reviewers:**

1. **Dixon Bogert of FNAL**  
[bogert@fnal.gov](mailto:bogert@fnal.gov)
2. **Derek Lowenstein of BNL**  
[lowenstein@bnl.gov](mailto:lowenstein@bnl.gov)
3. **Claude Lyneis of LBNL**  
[CMLyneis@lbl.gov](mailto:CMLyneis@lbl.gov)
4. **John Poole of CERN**  
[John.Poole@cern.ch](mailto:John.Poole@cern.ch)
5. **John Peoples of FNAL**  
[peop@fnal.gov](mailto:peop@fnal.gov)
6. **David Rice of Cornell**  
[d.rice@cornell.edu](mailto:d.rice@cornell.edu)
7. **Christian Joram of CERN**  
[Christian.Joram@cern.ch](mailto:Christian.Joram@cern.ch)

### **DOE Observers:**

1. **Tom Brown of BES**  
[Thomas.M.Brown@science.doe.gov](mailto:Thomas.M.Brown@science.doe.gov)
2. **Stephanie Short of HEP**  
[Stephanie.Short@science.doe.gov](mailto:Stephanie.Short@science.doe.gov)
3. **Lloyd Nelson of BNL**  
[lnelson@bnl.gov](mailto:lnelson@bnl.gov)