



ES&H Quarterly Report

Directorate: Particle Physics & Astrophysics

3rd Quarter FY 2009 (04/01/2009-6/30/2009)

1. Self-Assessment Activities

Line Management Walkthroughs

% of tasked individuals are performing walks AND what % of work space assessments have been completed

Number	Q1	Q2	Q3	Q4
# of Walkthroughs Completed	3	1	5	
Total # of Work Space Assessments	18	1	12	
% Walkthroughs Completed (cumulative)	27%	36%	75%*	

* PPA counted self-assessments on a per-project basis through the end of the 3rd quarter in 09. Future walkthroughs will be counted in accordance with the new ES&H Manual Chapter 33 requirements based on supervisors.

Notable trends and follow-up actions:

The PPA Associate Laboratory Director conducted one walkthrough this quarter. PPA Group Leaders have been trained in the new the ES&H Manual Chapter 33 walkthrough requirements. The walkthroughs and recording-of-findings in SMART are in its early stages. Trends will be developed from future findings.

Work procedure assessments:

BaBar D&D management and engineers conducted engineering/planning meetings twice each week and reviewed documentation for complex D&D activities. Readiness Reviews were conducted for the Forward Raft removal, Backward Raft removal, the Support Tube removal, and the Forward Calorimeter removal. The documentation including drawings and procedures associated with these activities were updated and revaluated as part of these Readiness Reviews.

Detailed operating instructions have been developed and reviewed for the LSST, Camera Materials Test Chamber.

Procedures for the operation of EXO continue to be developed.

ATLAS, FACET, LCD/SiD, ILC, and JDEM/SNAP, projects are in the conceptual stages and do not yet have operational procedures.

Other Self-Assessment Activities:

2. ES&H Training

Number	Q1	Q2	Q3	Q4
% STAs current*	90	92	92	
% Mandatory training current	94	93	94	
# significant# overdue trainees	7	11	21	

* Updated within last 12 months

greater than 6 months overdue

Explanation of Results and Corrective Actions:

All those with overdue training are issued a written reminder to update thier training. Course 239, General Electrical Safety is the course that is overdue in 13 of these cases.

3. Work Planning & Control

The Work Planning and Control process continued to evolve in PPA projects. It is well developed for the BaBar D&D project other projects will take more time to fully implement.

4. Corrective Actions

Number	Q1	Q2	Q3	Q4
CATS Created	4	1	1	
CATS Open	0	1	1	
CATS Overdue	0	0	1	

Trends:

See *Notable trends and follow-up actions*, above

5. Environmental Management

Status of Directorate’s Environmental Management Program Goals (list and describe goals associated with operations of your directorate, and status of each)

A goal to reinvigorate and improve the Laboratory’s recycling program via Directorate-wide efforts has been implemented and is progressing as planned. PPA is participating in this program, which at its beginning included a baseline audit of typical office waste and recycling materials.

6. Incidents

Injuries/Illnesses – SLAC Employees:

Number	Q1	Q2	Q3	Q4	TOTAL
FA cases	0	1	0		1
TRC cases	0	0	0		0
DART cases	0	0	0		0
ORPS Incidents	0	1	0		1

Injuries/Illnesses – Subcontractors:

Number	Q1	Q2	Q3	Q4	TOTAL
FA cases	0	0	0		0
TRC cases	0	0	0		0
DART cases	0	0	0		0
ORPS Incidents	0	0	0		0

Other notable events (e.g., near hits):

None.

Explanation of Results and Corrective Actions:

Not applicable

7. Other Noteworthy ISEMS Issues

The Forward-end PEP-II raft adjacent to BaBar was successfully removed in June. This was a complex task involving BaBar, MFD, and rigging personnel.

A SLAC Directors' Review of FACET occurred in May. The panel of personnel from SLAC and other DOE laboratories had no ES&H findings. The *FACET Preliminary Hazard Analysis Document* was approved and signed on 26 June. The DOE Stanford Site Office concurred to edits to the existing Linac SAD for FACET purposes.

An EXO site visit to the Waste Isolation Pilot Project (WIPP) mine was conducted by the PPA Directorate Safety Coordinator and the ES&H Division Emergency Manager. The purpose of this visit was to participate in an orientation to the EXO project, provide follow-up to a previous safety audit of the EXO activities, and attend mine safety training.

The *LSST Camera Preliminary Hazard Analysis* is in draft form and continues to be developed. This analysis will be presented in the upcoming NSF PDR.