

Administration Division Notes for EH&S Committee

For meeting of 7/11/2003

Facilities Management

Projects with EH&S Implications

Re-roof Accelerator Service Buildings - After completion of the Central Chiller project, the HVAC units will be removed and the Service Buildings will be re-roofed with a foam roofing system. 100% Design documents are being finalized. (PM - Chandra)

Est. Construction Start Date 8/15/03

Acid Neutralization System Building - The A/C unit was installed and the subcontractor is working on the duct. The epoxy floor coating was applied on 6/28. The subcontractor is working on installation of louvers and the exhaust fans. (PM - Chandra)

Subcontract Completion Date 7/2/03

Central Chiller Utility (Energy project) - With all the rain, some of the underground pipe has floated. The subcontractor plans to reinstall the section between Buildings 50 and 2 the week of 6/30. The interior of the pipe from Building 53 to CEBAF Blvd by Canon Gate was videotaped to ensure proper installation. The videotapes are under review. Pipe installation across CEBAF Blvd between buildings 40 and 45 will occur between 7/2 and 7/14. The subcontractor is approximately 85% complete with forming and placing the concrete for AHU pads on the accelerator site. Electrical and control work continue in the service buildings. Initial ductwork for Service Buildings was delivered the week of 6/16 and spiral ductwork for the Linacs was delivered the week of 6/23. Work in Building 58's mechanical room continues. The subcontractor placed chillers the week of 6/23. The subcontractor's revised schedule needs additional clarification prior to it being finalized and approved. (PM - Brand)

Subcontract Completion Date (SCD) 8/18/03

Estimated Completion Date 9/20/03

EH&S Training

The Training & Performance Office has purchased 2 videos to add to the Lab's safety-training media library.

“Qualified Electrical Safety” focuses on work methods and safety considerations for line voltage systems. It has a good section on arc blast and the need for PPE when blast is a potential hazard. Other types of electrical PPE are covered also: hard hat with electrical rating, gloves (including inspection and testing), non-conductive shoe soles, and fire-resistive clothing. The video has very effective simulations of electric shock and burns.

“I Chose to Look the Other Way” is a frank discussion of the importance (and challenges) of intervening when we see someone whose actions are putting themselves at risk.

Emergency Management

- A tabletop exercise involving the Director's Command Staff is scheduled for July 14th.
- Preparations continue for the EM Peer Review that will be conducted August 6th and 7th.
- Kris Burrows, Barbara Morgan, and J. Kelly attended a recent meeting of the Regional Threat Working Group held at Ft. Eustis. This is an ad-hoc forum for representatives from local military and governmental facilities, as well as community emergency-responders, to share experiences and information.



EH&S Reporting Activities for June 2003

- As of June 30th, Jefferson Lab had achieved [45](#) consecutive days without a lost-time injury. The Lab record is [455](#) consecutive days without a lost-time injury.
- **Occurrence Reporting**
 - A June JLab injury was reported to the DOE occurrence reporting system (ORPS) as an “Off Normal” occurrence (the lowest of the three ORPS reporting levels). The injury was a June 13th minor acid burn injury to an Institute for SRF technician. Although the acid burn recordable injury did not involve lost or restricted workdays, the event was reported to the ORPS for “near miss” aspects.
 - DOE Headquarters announced that the new ORPS would not be effective on the previously announced date of July 1, 2003, but deferred the start date approximately one month. The new system will have six occurrence reporting levels compared to the current three levels.
 - The ORPS Final Report for the April 29th Test Lab crane event was approved by management and submitted in June. The DOE Site Office has approved the Final Report.
 - Linda Even and Carter Ficklen attended a June 10th ORPS video training course.
- Several JLab staff members attended the June 4-6 Va. Safety and Health Conference in Portsmouth. The conference was sponsored by the Va. Department of Labor & Industry (Va. OSHA). Carter Ficklen served on the conference steering committee as the American Industrial Hygiene Association (AIHA), Tidewater Section representative.
- EH&S Reporting completed a literature review for lead surface contamination guidance. The review was conducted in support of a request from the Lab’s EH&S Committee. The information was provided to Medical Services.
- EH&S Reporting staff worked with key Facility Management staff and the head Smithfield Lawn landscaper to build a rain garden on June 3rd. Check it out by the North side of the EEL building!
- EH&S Reporting staff accompanied the U.S. Army Corps of Engineers on June 30th to review the proposed future construction sites for the presence of wetlands.
- EH&S Reporting and other Office of Assessment staff prepared and provided two training sessions on the new Oil Worker Training Class on June 24 and 26th.
- Coordination with Facility Management was required to obtain permission from HRSD and the DEQ to start using new chemicals in the site cooling towers.

➤ **Work Smart Standards (WSS) Set**

- Proposed 2002 changes to the WSS Set, including using current ANSI standards instead of 1960 versions are working their way through the change process.
- The change to reduce the number of electrical hazards issues to two was approved
- EH&S Reporting is working with the Policy and Manuals Group to ensure new or modified hazards or standards become addressed appropriately in the EH&S Manual.

➤ **National Environmental Policy Act (NEPA)**

- CEBAF and FEL Upgrade Environmental Assessment (EA)
 - Proposed Action/Project Information Checklists are being prepared. Draft summary information for all projects was prepared.
 - The 16 GeV and Hall D checklists have been started.
- EH&S Reporting is working with other laboratory staff to address other NEPA items, including actions related to the new CEBAF Center addition construction project.

