

## Collider-Accelerator Department Worker Occupational Safety and Health Committee

**Date:** December 5, 2006  
**To:** WOSH Committee  
**From:** P. Sparrow/R. Savage *PJS*  
**Subject:** Minutes for 11/13/06 - WOSH Committee Meeting

**Members:** R. Akins\*, M. Bannon\*, J. Beebe-Wang, J. Carlson, R. Conte, J. Cupolo, D. Derryberry\*, F. Dusek, J. Guercio\*, W. Lamar\*, J. Laster, C. Liaw, B. Mullany, J. Nicolellis\*, D. Oldham, S. Pontieri\*, M. Sardzinski, R. Savage, W. Shaffer, T. Shrey\*, M. Sivertz, L. Snyderstrup, P. Sparrow, D. Steski, F. Teich, W. Venegas, L. Vogt\* and D. Weiss. (\*Denotes not in attendance)

**Guests:** None

The primary focus of the WOSH committee meeting was to elect a new WOSH Committee Chairperson for 2007 and to discuss Tier I employee participation, training and PPE feedback suggestions.

### **Topic 1**

P. Sparrow provided hard copies of the agenda to WOSH Committee members. He also emphasized to members that management is asking for their feedback on any additional training they would like to receive or feel they are lacking in. This training may include safety, OJT and/or job specific training such as RF hazards, radiation training, electrical safety or technical training, any basic engineering like thermodynamics, use of calculation codes used by the engineers, heat transfer, structural engineering, or training on specific systems at C-AD.

R. Savage provided WOSH Committee members with the following two courses that management is planning for in 2007.

- In March 2007 NEC will be providing C-AD personnel with a two day course focused on electrical code and regulations. This course will include grounding requirements, wire size recommendations, installation techniques, etc. Presently, supervisors have already submitted names of approximately 30 – 35 engineers who will be requested to attend the course. The course cost is not based on attendance but rather content. Therefore, any WOSH committee member who would like to attend this course should speak to their respective supervisor.
- In 2007, a Human Performance course will be provided to C-AD personnel by the same person who performed the STAR Arc Flash presentation for the laboratory. Either J. Maraviglia or R. Karol will notify personnel when this course has been scheduled.

P. Sparrow requested that management consider providing GFCI training including GFCI equipment usage. This would be a useful course especially since many tasks are performed in either wet or damp areas. This request prompted additional discussions about the purchasing of GFCI devices to be used with power tools, etc. After the meeting, R. Savage reviewed SBMS subject area 1.5.0 and discovered that the procedure does address this issue and that GFCI devices should be on-hand for use by respective groups. Procedure 1.5.0 states:

- **Conductive Work Locations.** Employees required to operate or handle energized portable electric equipment and flexible cords in highly conductive locations such as those inundated with water or conductive liquids, or where such employees are likely to contact or be drenched with water or conductive liquids, must use cord-connected electric equipment, tools, and flexible cord sets which are approved for operation in such environments.
- Full consideration must be given to the use of ground fault circuit interruption (GFCI) devices (automatic de-energization of electrical equipment when an electrical path to ground occurs) in conductive work locations. DOE 6430.1A, Design Criteria Manual cites numerous specific situations where the use of a GFCI is required. These examples form a basis that supports the required use of GFCI.

**Action:** This training recommendation will be submitted to R. Karol for consideration.

D. Weiss requested that management consider having a uniform Hypot training course. Presently, Hypot testing methods/techniques are not the same within all organizations and are causing confusion for personnel who don't perform this activity on a frequent basis.

**Action:** This training recommendation will be submitted to R. Karol for consideration.

M. Sardzinski requested that management consider having Technicians trained to specific levels (e.g. similar to auto mechanic certifications). This would allow supervisors to substitute technicians without providing additional training.

**Action:** This training recommendation will be submitted to R. Karol for consideration.

## **Topic 2**

R. Savage asked WOSH Committee members if they had suggestions on how to rotate C-AD employees into the Tier I inspections.

R. Conte stated perhaps individuals could be selected by either their life number or by their supervisor to perform a certain number of inspections.

**Action:** This recommendation will be submitted to A. Etkin for consideration.

W. Shaffer asked if individuals would receive OSHA training. R. Savage stated that employees who would be asked to participate in Tier I inspections would receive the BNL OSHA training course.

## **Topic 3**

P. Sparrow asked WOSH Committee members if they had suggestions on any additional PPE they think they may need to perform work tasks. There were no recommendations provided at this time.

M. Sardzinski stated it would be helpful if PPE cards were issued to employees. In addition, personnel would be reminded if PPE postings were installed as you entered a facility. These postings should state "PPE required when working with Machinery, Small Power Tools and Electricity". This PPE recommendation led to a group discussion that focused on why personnel are not wearing PPE to perform tasks, even though PPE is clearly identified on work control documents.

**Action:** This recommendation will be submitted to R. Karol for consideration.

J. Beebe-Wang asked if management would consider issuing a survey to all personnel requiring them to submit honest answers "Why They Think Personnel Don't Wear PPE". Perhaps if employees are not requested to submit their name, we may receive answers that we can address.

**Action:** This recommendation will be submitted to E. Lessard for consideration.

#### **Topic 4**

P. Sparrow asked if WOSH Committee members had any outstanding issues or concerns they would like to address.

J. Cupolo asked why C-AD doesn't calibrate their instruments. Even though we check our instruments prior to use it does not give you a good feeling that the instrument is safe to use, especially if you're working with an instrument that has an old past due calibration sticker on it. R. Savage stated if the equipment is used for an inspection activity, acceptance testing or data collection then it must be considered for calibration. However, the decision to have an instrument calibrated is up to the individual Group Leader or Supervisor, who must follow SBMS subject area procedure requirements.

M. Sardzinski asked why there are a lot of security gates and cameras being installed around the facility. R. Savage stated that many of these installations (e.g. security gates, cameras) are the direct result of a Laboratory Stand-down commitment. In addition, C-AD has also implemented a Security Committee, chaired by D. Passarello who can be contacted if you have any security related questions or concerns.

#### **Topic 5**

P. Sparrow asked WOSH Committee members if they had a candidate they would like to nominate for WOSH Committee Chair.

Two individuals were nominated for this position. J. Nicolellis who was not in attendance and F. Dusek who was present. Committee members voted and elected F. Dusek as the WOSH Committee Chair for 2007. WOSH Committee members also thanked P. Sparrow for his efforts as past Chair.

Closing Meeting Comments:

P. Sparrow requested WOSH members to bring back this information to their group for discussion. The members were also reminded that they can email safety comments to R. Karol or to the WOSH Committee Chair.

cc:     Barton, D.                     Lowenstein, D                     Tuozzolo, J.  
       Bond, P.                     Passarello, D                     Williams, P.  
       Karol, R.                     Pile, P.                     WOSH Committee Members  
       LaMontagne, S.               Roser, T.  
       Lessard, E.                   Sandberg, J.