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CBDPP I&M Committee Meeting Minutes

April 22, 2010

2430 Stevens / CR 297  
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**ATTENDEES:**

Scott Seydel

Steve Bertness

Carol Powe

Brian Fawcett

Thomas Morris

Mike Stoner

Chuck Wildman

Randy Phennger

Leo Wickstrand

Chris Stape

Mark Fisher

James DeRoos

Henry Ruby

Robert D. Gilmore

Shawna Flood

Michelle Edwards

Elizabeth Hill

Mario Moreno

Larry Sherman

**SAFETY TOPIC:**

Summer weather means yard work for some. Pay attention to what you are doing and what your body is telling you. Proper technique is extremely important.

**INTRODUCTIONS:**

- Michelle Edwards – Filling in for Patricia Aldridge in her absence.
- Chris Stape – Point of Contact for HGET

**OLD BUSINESS:**

- Review of previous meeting Minutes.
  - Minor clarifications were made to the Minutes before they were accepted by all members.

**OPEN ACTION ITEMS:**

- **VPPPA Conference:**
  - Scott Seydel and Randy Phennger have volunteered to be the speakers at the conference. Conference scheduled for August, 2010.
  
- **Portable Beryllium Detection System:**
  - A conference call with Tim Irwin of Paradigm Lasers took place on April 21, 2010. Conference call attendees included Scott Seydel, James DeRoos, Mike Zabel and Mike Korenko. The conference call was to discuss the possibility of Paradigm Lasers building a Laser Induced Breakdown Spectroscopy (LIBS) System for the detection of Beryllium. Paradigm appears to have the technical capability to build such a system. Mr. Irwin was asked if he was interested just building the

detector or if he was also interested in participating in the testing and validation portion. While he expressed interest in assisting in the testing and validation portion, he doesn't appear to have experience in doing either of those activities. Paradigm was provided a scenario, if given the funds to build a dual beam detection system, could they do this and what would the estimated timeframe be. Paradigm said it would take approximately six (6) months to build just the detector. Scott Seydel will provide the field offices with suggestions.

- Scott Seydel to send out the link to the paper that was discussed during the Beryllium Health & Safety Committee conference call on Laser Induced Breakdown Spectroscopy (LIBS) system that was held on April 7, 2010.
- **HAMMER and the CBDPP Committee Training:**
  - See information below in Training Development
- **Beryllium History Volumes:**
  - Still reviewing information. However, it was noted that some facilities made things out of Beryllium – where did the things go?
  - Additional Sub-Committee meetings to be determined. Sub-Committee members are Bob Gilmore, Mark Fisher, Carol Powe and Kirk Domina.
- **Beryllium Website:**
  - Website active on 04/20/10 but was taken down 04/21/10. Inactive at this time.
  - Website can be found on Hanford.gov, under Hanford Cross Cutting Programs, under Hanford Beryllium Program. This is a publicly accessible website. The word “Beryllium” can be searched and you will be brought to the website.
  - All Contractors to review the list of buildings that have been demolished; believe the list is incomplete.
  - Forms listed on the website need to be reviewed. The Sub-Committee will reconvene to revise the forms and make them stand alone documents to publish on the website.
  - May 16, 2010 deadline to post Beryllium Controlled Buildings. The CBDPP and Sub-Committee to discuss options of listing Beryllium controlled buildings different ways on the website. Create separate list for clean buildings? List why they are clean? Create a separate list for Beryllium Controlled buildings awaiting characterizations? What is approach in dealing with buildings suspected of Beryllium? List as BCA – the whole building?
- **Approve Changes to DOE-0342:**
  - **Bob Gilmore to provide red-lined changes.** These changes will be sent out with the Minutes and for approval at the next meeting.
- **6.27.2 Counseling:**
  - Remain as Action Item.

- **Issues with Legacy Components:**
  - Remain as Action Item.

### **IMPLEMENTATION STATUS:**

To be discussed at next meeting.

### **NEW BUSINESS:**

#### **Epidemiology Study:**

- The Hanford Site Beryllium Work History Questionnaire will be mailed out the week of April 26, 2010, to approximately 100 people. Goal is to provide the results of the Questionnaire by July 1, 2010.
- Dr. Fawcett still needs addresses for approximately 30 people, majority of them former workers. He did receive a handful of addresses; however, addresses are still needed.

#### **HSS Assessment Update:**

- HSS Direction Letters sent out April 16, 2010 to RL Contractors. The letters contain a List of Actions to be completed within 30 days. There is also a requirement to complete an Implementation Plan of additional longer term actions. The Implementation Plan needs to be completed within 30 days (letters attached for review).
- Items 1-11 relate to implementing the program.
- For Implementation Plan Items 1-4, the CBDPP Committee will need to work to identify what is needed to implement these programs. The CBDPP Committee will provide suggestions for the development of the Implementation Plan. These suggestions will be reviewed and developed. The Implementation Plan will then be reviewed again by the CBDPP Committee for changes and/or further suggestions. The Implementation Plan will then be distributed.
- HSS Assessment Report (Draft) is scheduled to be out the first week in May. Final report to be issued in June, 2010.

#### **Definition of “work” in Section 6.14 (DOE-0342):**

Discussion ensued whether beryllium affected workers should be allowed to do non-intrusive walkdowns of BCA's. The CBDPP says that they are not allowed to “work” in BCA's. The question is whether a walkdown is work. Scott Seydel created a Resolution Form which the Committee was provided for review. The concept is that Contractors cannot **assign** a Beryllium affected worker to perform work in a BCA, however, an employee can **voluntarily** assign themselves to enter work into a BCA to conduct a walkdown so long as no intrusive or dust generating work is going on. The argument of not allowing affected workers into BCA's is that affected workers already have health issues and why expose them to more hazards? The Committee decided to table this issue until further notice. This issue will likely be revisited once the activities being done in response to the HSS Assessment have been essentially completed.

### **Training Development:**

- Christopher Stape, point of contact for HGET, presented the Committee with a PowerPoint presentation regarding the Proposed Learning Objectives for the HGET Beryllium Lesson Training, for verification to move forward. The document analysis consisted of two drivers; CBDPP and DOE-0342 and 10 CFR 850.37.
- The Committee provided direction that the awareness audience would be expanded in HGET to include Beryllium Associated Workers.
- In order to cover the training requirements of beryllium associated workers, the Committee determined that additional learning objectives would be needed to be made in order to verify to move forward with the learning objectives:
  - 10 CFR 850.37 (b)(3) be added under E02
  - Beryllium Medical Surveillance Program
- In order to implement a computer-based training intervention for beryllium associated workers the requirement to provide “hands-on” component would need to be removed.

### **Action Item for the DOE Representative to write a letter directing HAMMER/Hanford Training that the “hands-on” element in DOE-0342, CBDPP for Associated Workers is not required.**

- The changes to the learning objectives have been made and HAMMER/Hanford Training has the Committee’s verification to move forward with the revised Learning Objectives as attached.
- Vivid Learning Systems has been hired to conduct an analysis/assessment for position specific training such as managers, supervisors, and industrial hygienists.

### **6.27.2 Counseling:**

CHPRC has agreed to take the lead in standardizing the Counseling portion of DOE-0342. Some of the issues to be reviewed/defined in the revision include:

- Parameters of Counseling
- Who will be doing the counseling of affected workers
- How often can the procedure be revised
- What is the process when individuals change contractors
- Feedback from affected workers

### **Issues With Legacy Components:**

- The Committee discussed mapping out strategies on how to sample legacy components such as old elevators that contain beryllium dust on the mechanical breakers located in the control panel. The committee needs to develop a system process for determining the right answer.
- This to remain an Action Item.

**AROUND THE TABLE:**

**Tom:**

- Cold storage facility containing fuel cells in NCO baskets made of copper are not marked. Samples have been taken in the 328 shop. Scott Seydel will find out.

**Mark:**

- A Montgomery Control Panel was found in a PFP freight elevator. Bob Gilmore will look into this.
- Situation arose at U-Canyon, Beryllium Controlled Area, wherein an employee held a CAM over the boundary of the BCA for another employee to change out the recording tape spool. Proper procedure was not followed to change out the CAM in the BCA. Scott Seydel is looking into this.

**Bob:**

- An elevator was shut down upon discovery of the Montgomery Control Panel. Maintenance showed up to fix this elevator, however, the elevator had not been released. The maintenance employee was stopped before starting work.