

**U.S. Department of Energy  
Industrial Hygiene Coordinating Committee  
Meeting Agenda  
Oakland, CA  
February 11 & 12, 1998**

**WEDNESDAY, 2/11 - 8:30 AM Start**

**8:30 Welcome - Don Harvey, Harvey Grasso**

**8:45 Old Business - Approval of Minutes (Seattle 8/97)**

**9:00 IHCC 1998 Performance Plan - All**

**Identification of DOE IH Needs/White Paper Development**

**IH Performance Measures**

**IHCC/EH-5 Working Relationship**

**IHCC Promotion/Mutual Assistance**

**11:30 DOE Industrial Hygiene Award Update - Don Harvey**

**12:00 Lunch**

**1:00 IHCC Nomination Committee Meeting**

**DOE IH Award Committee Meeting**

**2:30 Respiratory Protection Update - Tim Roberts, LLNL**

**Update on new OSHA Respirator and Draft ANSI Z-88.2 Standard  
Report on DOE Respirator Program Managers Meeting**

**ADJOURN 5:00PM**

**THURSDAY, 2/12 START 8:30AM**

- 8:30 Update on DOE IH Standard - Don Harvey**
- 9:30 Update on DOE Beryllium Rule - Jay Larson & Jim Slawski**
- 10:30 Election of IHCC Chair Elect**
- 12:00 Lunch**
- 1:00 IHCC presentation @ AIHCE Atlanta**
- 2:30 HEPA Filters Standards Initiatives - Jim Slawski**
- 3:00 Miscellaneous Topics**

**ADJOURN 5:00 PM**

**NOMINATING COMMITTEE**

**Joyce Beck  
Harvey Grasso  
Micheal Garcia  
Janet Torma-Krajewski  
L.P. Singh**

**DOE IH AWARD COMMITTEE**

**Geoff Gorsuch  
Paul Jackson  
Larry Jones  
Larry Musen  
John Serocki**

WEDNESDAY, 2/11 - 8:30 AM Start

**Attendees**

- Mike Garcia (AL Ops)
- Geoffrey Gorsuch (Ohio Ops)
- Harvey Grasso (OAK Ops)
- Don Harvey (DP HQ)
- John Serocki (EM HQ)
- L.P. Singh (SR Ops)
- James Slawski (DP HQ)
- Monti Herr (LLNL)

**Approval of Minutes** The Chairman requested comments and amendments to the Seattle (8/97) minutes.

- No changes were requested.
- Harvey Grasso: Minutes need to be more timely to be useful for trip reports that demonstrate the value of and justify future meeting attendance.
- Jeff Goersuch: The purpose meeting minutes needs to be better defined. They should be action oriented and used to track committee actions.

**IHCC 1998 Performance Plan - All**

- Final Draft DOE Standard, Standard for Industrial Hygiene Practices, August 1997; EH-5 has not yet moved this document forward as sponsor (EH-5 is claiming that all their resources currently are involved on beryllium rule making); IHCC Chair Don Harvey will make another attempt by meeting with Harry Pettingill to enlist EH support and action; if this is not successful, the IHCC agreed to identify another sponsor, e.g., DP or EM, and perhaps have the guide issued as a "limited standard."; another option being considered is to issue the document as an "IHCC" recommended standard of practice. Harvey Grasso volunteered to create a checklist for the implementation of the IHCC Standard for Industrial Hygiene Practice. Monte Herr indicated there are 2 industrial hygiene audit/program guides available:
  1. "Industrial Hygiene Auditing; A Manual for Practice," (1994) 130pp, edited by Alan Liebowitz for AIHA Management Committee.
  2. "Workplace Health Protection; Industrial Hygiene Program Guide," by Robert G. Confer published by CRC Press in 1994. It is a 540 page series of checklists.

**Beryllium Rule**

- DOE Proposed Beryllium Rule: the EH timeline calls for issuing the Notice of Proposed Rule making (NOPR) in March, possibly in time for presentation at the meeting of the Beryllium Monitoring Committee meeting, March 3-5, in Livermore, CA.
- The Be Good Practices Guide, in support of the Notice (N 440.1), is still in draft form.
- The IHCC adopted the following Proposed Be Rule strategy: distribute NOPR document to IHCC members first week of March (if available); request review and comments to Don Harvey by March 16; hold a meeting/conference call in GTN on March 18 to coordinate and consolidate comments; finalize IHCC comments by March 23 for forwarding to EH.

### **IHCC Promotion/Mutual Assistance**

- DOE Industrial Hygienist Roster: the IHCC will put together a listing of all DOE Federal staff currently performing IH functions at HQ and sites; this will be a limited follow-up and update to the IHCC Manpower Survey taken several years ago (lead: LP Singh).
- IHCC Representative Designation Memorandum: Don Harvey will finalize and transmit a memorandum to each Field Office manager and CSO requesting the designation (or reconfirmation) of the organizational element's representative on the IHCC; included with the memorandum will be a copy of the amended IHCC Charter; designation of the organization's representative implies the organization's commitment to and support for IHCC activities.
- Facilitating Communications: Don Harvey will explore the use of a list-server as a mechanism of exchanging information among IHCC representatives and other interested individuals; John Serocki will attempt to determine the status of the IHCC Homepage (currently on the EH TIS web suite) and how the committee can update the web site.
- Work Smart Standards: Harvey Grasso volunteered to request from each IHCC representative a list of specific IH standards that have been incorporated into approved Work Smart standards lists; this would be made available as resource to interested parties.

### **DOE Industrial Hygiene Award Update**

- The IHCC award subcommittee reviewed nominations for this annual award and recommended the 1998 award be presented posthumously to Merrill Eisenbud, who was employed by the AEC and died last year, for his significant work and contributions to the industrial hygiene of beryllium. The IHCC will vote on the recommendation at its Feb. 23 conference call. The award will be officially presented at the annual DOE IH Meeting at the AIHCE in Atlanta in May. The first DOE IH Award was presented last year to Dr. Donald Ross, for his pioneering efforts in establishing the AEC/DOE industrial hygiene program and the department's first IH directive.
- Don Harvey is still pursuing sponsorship of the award by EH to cover associated costs; outlook for this support is positive.

### **IHCC Chair Elect Nomination Subcommittee.**

- Subcommittee members met to propose nominees for Chair-Elect (Vice-Chair); three nominations were presented to Don Harvey for solicitation of interest; individuals who accept their nomination will be announced at the Feb. 23 IHCC conference call.
- The Chair-Elect takes over at the end of the Fall IHCC meeting (scheduled for Oct., 98).

### **New OSHA Respirator Standard**

Tim Roberts, CIH, Respirator Program Administrator, LLNL, briefed IHCC attendees on the new OSHA respiratory protection standard, 29 CFR 1910.134, and how it compares to ANSI Z88.2, referenced by DOE Order 440.1.

- The new standard, which becomes effective in April, 1998, updates the OSHA requirements which were based on ANSI Z88.2-1969, and later under some of the modifications in the 1980 revision of Z88.2; the new standard should have minimal impact on DOE since the department has been mandating the provisions in the recent ANSI (1992) standard, in addition to certain nuclear safety requirements.
- The OSHA standard references the new respirator certification and testing standards of

NIOSH per 42 CFR Part 84 (which replaces 30 CFR Part 11); main changes affect non-powered air purifying devices. - The new NIOSH standard does away with dust, fume and mist classifications, using media designations of N, R and P series, along with efficiency specifications of the filter media, e.g., 95, 99 or 100% (i.e., 99.97% HEPA).

- The new 1910.134 consolidates all previous OSHA respirator requirements, i.e., general industry, construction and maritime.
- Other significant changes include: requiring a "double buddy" requirement for structural fire fighting, and a qualified rescuer be present for all IDLH environments (note: IDLH definition has been changed and is more conservative than previous); also, annual fit testing, references to NIOSH fit factors, and in certain medical evaluation and approval provisions.

WEDNESDAY, 2/12 - 8:30 AM Start

### **IH Performance Measures**

- Industrial Hygiene Performance Measures (PMs): IHCC will solicit information from each representative concerning specific IH PMs used by DOE and contractors to assess industrial hygiene program performance; the PMs may be distributed in the form of a resource document and/or placed on the IHCC web site/homepage.

### **IHCC Presentation at DOE Meeting at AIHCE.**

- Little information is available at this time; Chair Don Harvey will contact EH (Jackie Rogers) to determine the format and planned agenda for the Annual DOE and DOE Contractor Industrial Hygiene Meeting at the AIHCE at Atlanta in May; once the time allotment for the IHCC portion of the program is known, a conference call will be held to discuss topics for presentation; among the topics that will likely be covered by the IHCC is the Draft IH Practices Standard, and a possible companion self-assessment guide or checklist.

### **IHCC Membership**

- There was a discussion whether Field Offices that were already represented on the IHCC by their Operations Offices should be allowed to be members of the IHCC. It was pointed out that all IHCC meetings are open to all interested DOE elements. In the past such organizations have sent representatives who have been allowed to vote. Members at this meeting voted 4 to 2 to allow any interested DOE organization to nominate and send a member.

### **Summary of Commitments**

- Don Harvey
  1. Prepare a memo for all Office Managers with copies to local IH's requesting copies of IH related contract performance measures.
  2. Look into the possibility of DP setting up an industrial hygiene listserver for posting of IH issues, information, questions, etc.
  3. Look into finding an DOE sponsor other than EH for the Standard for Industrial Hygiene Practices, August 1997.
  4. Set up a conference call to announce the Chairman Elect candidates and voting procedures.

5. Contact Jackie Rogers to determine the agenda for and coordinate IHCC presentations at the DOE IH meeting at the AICHE.
- Harvey Grasso
    1. Prepare an IH Program audit checklist using the Standard for Industrial Hygiene Practices as the standard.
    2. Collect IH Performance Measures currently in use in DOE contracts around the complex.
  - John Serocki
    1. Check with D. Weitzman on updating the IHCC Home page
  - LP Singh
    1. Assemble a list of federal GS-690 Series Industrial Hygienists to be used as a committee information distribution list.
  - Jim Slawski
    1. Look into ACGIH activities aimed at lowering the Beryllium TLV.

#### **High Efficiency Particulate Air (HEPA) Filter Issues Update.**

- James Slawski, CIH, briefed IHCC attendees on the status of the Draft revised DOE Filter Handbook (which is a revision of the old ERDA manual); among the issues covered included the history and background of HEPA filter use at DOE nuclear facilities, manufacturers and DOE QA testing and certification programs; deterioration of existing safety systems; in-place testing; and the privatization of DOE's last remaining filter test facility at Oak Ridge; Jim Slawski is attempting to obtain DP and other user support for the issuance of the needed revised handbook.

#### **Next IHCC Semiannual Meeting**

- The attendees recommended that the next meeting be held on October 21-23, 1998, at the Nevada Operations Office; Don Harvey will discuss arrangements with the IHCC NV representative and confirm during the Feb.28 conference call.

#### **Adjournment.**

Upon conclusion of agenda topics and discussions, Chair Don Harvey adjourned the meeting on Thursday afternoon, Feb. 12, 1998.

Agenda Topics: summary highlights

1. IHCC 1998 Performance Plan.

- Final Draft DOE Standard, Standard for Industrial Hygiene Practices, August 1997; EH-5 has not yet moved this document forward as sponsor (EH-5 is claiming that all their resources currently are involved on beryllium rulemaking); IHCC Chair Don Harvey will make another attempt by meeting with Harry Pettingill to enlist EH support and action; if this is not successful, the IHCC agreed to identify another sponsor, e.g., DP or EM, and perhaps have the guide issued as a "limited standard."; another option being considered is to issue the document as an "IHCC" recommended standard of practice.
  - DOE Proposed Beryllium Rule: the EH timeline calls for issuing the Notice of Proposed Rulemaking (NPR) in March, possibly in time for presentation at the meeting of the Beryllium Monitoring Committee meeting, March 3-5, in Livermore, CA.
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