

Department of Energy (DOE) Fire Safety Committee  
Minutes of the April 30, 2008 meeting  
Written by: Jim Bisker, Chairman

This meeting was held in conjunction with the Committee sponsored Fire Safety Workshop.

Old Business

1. **Charter Revision:** The Charter continues to be published on the Committee's Web site in draft and that a copy will be included with this draft so that members can recommend any editorial revisions. A compiled list of proposed revisions will then be developed and distributed for discussion and/or final action. As described in the meeting, all that is needed to finalize the Charter is to file a signed copy (by the committee chair) with the DOE Technical Standards Manager.
2. **Membership List:** The Committee's membership list will be included with this draft so that members can review their information, and reaffirm their commitment to participate. Also, Committee members are allowed to recommend others whose acceptance will be under the discretion of the Chairman. The overall purpose of this exercise is to have a membership of active participants who will work as a team for the benefit of the program.
3. **INL Committee interpretation Request:** A copy of this request was distributed in February with no official action taken. Committee members present were briefed on the issue by INL representatives and after discussing differing positions with no resolution, it was decided that a task group be formed to complete further research and recommended committee action that (if necessary) will be put to vote. Task group members are as follows:

Craig Christenson – Chair	<a href="mailto:craig_p_christenson@orp.doe.gov">craig_p_christenson@orp.doe.gov</a>
Bill Boyce	<a href="mailto:william.boyce@em.doe.gov">william.boyce@em.doe.gov</a>
Walter Futrell	<a href="mailto:WFutrell@doeal.gov">WFutrell@doeal.gov</a>
Taryn Couchman	<a href="mailto:couchmts@id.doe.gov">couchmts@id.doe.gov</a>
Richard Dickson	<a href="mailto:dicksorl@id.doe.gov">dicksorl@id.doe.gov</a>
Neal Hara	<a href="mailto:neal.hara@inl.gov">neal.hara@inl.gov</a>

It was also identified that the NFPA 801 Committee will be meeting on June 9, 2008 just in case the task group wants to seek any formal interpretation or recommend a change to the committee scope/application prompting this issue.

New Business

1. **Performance Metrics:** Chuck Lewis from HS-31 presented on a road map to improving DOE's fire protection program performance measures. This initiative was in response to a July 07, 2005 Fire Safety Committee task group report addressing DNFSB concerns over DOE's Health and Safety reporting Order revisions. Both the HS-31 presentation and the task group report are included as attachments to this draft.
2. **FDS Toolbox Incorporation:** Currently, the CFAST (zone) fire model is in DOE's Central Registry (toolbox) which means that it meets DOE Safety Software Quality Assurance (SSQA) requirements of DOE O 414.1C and its guidance, DOE G 414.1-4. In order to get into the toolbox certain things needed to be done one of which was that a gap analysis report and user's manual. Since we have been using the FDS fire model (which is a field model) probably more then the CFAST model (because it handles different fire situations), it only makes since to include this into the toolbox as well. The author of the CFAST gap analysis report and users manual (Allan Coutts [allan.coutts@wsms.com](mailto:allan.coutts@wsms.com)) gave a brief on what it would take to complete this process and Sharon Steele ([sharon.steele@nnsa.doe.gov](mailto:sharon.steele@nnsa.doe.gov)) indicated that she would look into providing the research funds to complete this incorporation under the sponsorship of the Fire Safety Committee. It was also recommended by Bruce Campbell that the committee support toolbox incorporation of the Hass hydraulic calculation application as well.
3. **Fire Protection Design Criteria (DOE-STD-1066):** This standard has been identified as a means to address DNFSB Recommendation 2008-1 however; HS-21 would like to start working on a Committee sponsored draft in the next month or so. After discussing the document, it was agreed that a task group be formed to work out any major technical inclusions before sending it out for full Committee review. Jim Bisker ([jim.bisker@hq.doe.gov](mailto:jim.bisker@hq.doe.gov)) would start the process by providing an edited update to the following task group members:

Sharon Steele - Chair

[sharon.steele@nnsa.doe.gov](mailto:sharon.steele@nnsa.doe.gov)

Craig Christenson

[craig\\_p\\_christenson@orp.doe.gov](mailto:craig_p_christenson@orp.doe.gov)

Walter Futrell

[WFutrell@doeal.gov](mailto:WFutrell@doeal.gov)

Bill Boyce

[william.boyce@em.doe.gov](mailto:william.boyce@em.doe.gov)

Matt Cole

[matt.cole@science.doe.gov](mailto:matt.cole@science.doe.gov)

Bernie Till

[william.till@srs.gov](mailto:william.till@srs.gov)

Mark Dumais

[dumaisml@bettis.gov](mailto:dumaisml@bettis.gov)

Dave Oar

[David.Oar@PDCF.WGSGroup.com](mailto:David.Oar@PDCF.WGSGroup.com)

4. **Fire Department Certification:** Bill Boyce included this on the agenda to discuss the possibility of running a DOE pilot on a site. After a brief discussion on the cost and benefit of such an initiative, it was decided to table this item with no further action taken.

