



Seismology & Structural Standards Committee
Structural Engineers Association of Northern California

Time: 5:30 – 7:00 pm
Date: Tuesday, January 22, 2008
Location: *Forell-Elsesser Engineers*
160 Pine Street, Suite 600
San Francisco, CA 94111
and on Webex

MEETING MINUTES

Chair: Andy Fennell
Vice-Chair: Nicolas Rodrigues
Past-Chair: Mark Moore
Board Contact: Doug Hohbach

In Attendance:

Andy Fennell	Andy.sclabs@earthlink.net	925-323-8920
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via Webex

Kevin Moore (KM)	moore@certuscorp.net	510-835-0705
Doug Hohbach	DHohbach@hohbach-lewin.com	
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Patxi Uriz (PU)	puriz@exponent.com	

1. Chairs Announcements:

2. Past Meeting Minutes Review

- 2.1. October's meeting minutes were reviewed. Minor edits were made. Item 6.2 was updated to exclude the China tube reference as it has been discovered that the issue is not isolated to tubes made in China. October minutes were approved as noted.

- 2.2. November's meeting minutes were reviewed. MM discussed expanding the minutes to include some of the discussions related to Steve Pryor's presentation. MM will revise the minutes for the next meeting.
3. **Blue Book Update**
 - 3.1. This item was postponed and will be discussed if time permits.
4. **ACI-318 Appendix D**
 - 4.1. This item was postponed and will be discussed if time permits.
5. **Guest Speaker, Wendy Allen of Simpson Strong-Tie, presented "Anchor Changes in '08"**
 - 5.1. IBC 2006 requires anchorage to concrete to comply with ACI Appendix D. Simpson's Strong-Bolt Wedge Anchor does comply and has approval for use in cracked concrete, though with much lower strengths than under previous codes. However, ACI Appendix D does not address adhesives, screws, or CMU directly.
 - 5.2. ICC has formally stated that all anchorage to concrete must comply with AC 193 (screws) and AC 308 (adhesives) in order to be in compliance with IBC 2006. (No formal policy on anchorage to masonry.) These are the acceptance criteria for cyclic testing in cracked concrete for use in moderate and high seismic risk. Due to the way ICC issued requirements for conformance, many companies have been left with few to no products which conform to the above AC documents. Those which do conform have ISS-ES reports which cover a very few applications, i.e. with limited edge distances, etc.
 - 5.3. Some West Coast jurisdictions have extended the date beyond IBC 2006 adoption to begin enforcement of the new anchorage requirements. OSHPD, DSA, and Bay Area jurisdictions have not issued any formal position regarding enforcement in the near term.
 - 5.4. Discussion followed the presentation. AF suggested bringing this issue up at the State Seismology meeting. WA believes that educating the engineering community about the changes is the only way to prepare the industry for the changes. NR and MM discussed responding to this issue with a newsletter article which could be published in the SEAONC and other regions newsletters.

6. Recap of State Seismology Meeting

6.1. This item was postponed and will be discussed if time permits.

7. Subcommittee reports

7.1. Light Gage:

7.2. Steel: Draft of a SCBF B.B. article is underway. A draft will be available soon. Lateral bracing, or lack of, for some of the new SMRF proprietary products was discussed at length at the last steel-subcommittee. There is a concern here, and the sub-committee will continue their discussions. There was a discussion in the main committee regarding what position the SEAONC Seismology Committee should take regarding proprietary products. It was the committee's opinion that while the evaluation of the product could be left to others for now, that the committee felt that informing the community about which manufacturer's are following the best research practices is forward thinking and would be worthy of recognition by the committee. (Was this what we discussed?)

7.3. Code Advisory Committee: AD reported that the State code Committee has followed up and submitted IBC 2009 floor amendments on the issue of building separation. However, steel plate shear wall code change issues have not been followed up with yet.

7.4. Cold Formed Steel (light gauge steel): This committee has been formed and will be chaired by Armen Shamamian. The sub-committee has four active members after just being formed. AF will work on a list of charges for the sub-committee. Among the first charges will be to produce a document on equivalency of wood to light gauge steel for fire.

8. New Business / Open discussion

8.1. Next meeting is scheduled for February 26th, 2008 from 5:30 to 7:00 at a new location, DeSimone Consulting Engineers 160 Sansome St. in San Francisco.

Respectfully Submitted,

Andy Fennell
Chair 2007-2008