



Seismology & Structural Standards Committee
Structural Engineers Association of Northern California

Time: 5:30 – 7:30 pm
Date: Tuesday, June 26, 2007
Location: *Forell-Elsesser Engineers*
160 Pine Street, Suite 600
San Francisco, CA 94111

MEETING MINUTES

Outgoing Chair: Mark Moore
Incoming Chair: Andy Fennell
Incoming Vice-Chair: Nicolas Rodrigues
Outgoing Past-Chair: Kevin Moore

In Attendance: Mark Moore (MM) Andy Fennell (AF) Nic Rodrigues (NR)
Gary Mochizuki (GM) Raymond Liu (RL) Marguert Bello (MB)
Anindya Dutta (AD) Scott Adan (SA) Tim Hart (TH)
Dave McCormick (DM) Kevin Moore (KM)
Patxi Uriz (by telephone) (PU)

1. *Chairs Announcements:*

- 1.1. MM gave an update on the Seismology's year-end report for the SEAONC Newsletter, which include the following:
 - 1.1.1. The AB-083 for Tall Buildings is in use and several buildings being processed using the document. The committee will remain active on this topic through, in part, the PEER Tall Building initiative.
 - 1.1.2. GM and AF to write on light frame.
 - 1.1.3. The committee will build upon the SCBF newsletter article recently published.
 - 1.1.4. The year-end report will also discuss the State and Local Blue Book progress.
- 1.2. The handover of leadership positions for the 2007-2008 SEAONC Seismology committee will occur immediately following the June 2007 meeting:

- Vice-Chair: Nicolas Rodrigues
- Chair: Andy Fennell
- Past-Chair: Mark Moore.

1.3. The next SEAOC Seismology meeting will be held on August 3rd/4th in Los Angeles. All are welcome to attend/observe.

2. *Blue Book Update*

2.1. Draft of a Blue Book article by Tom Hale on foundation systems was distributed for comment. Comments are needed prior to the next State SEAOC Seismology meeting on 8/3.

2.2. The State Seismology Committee aims to publish a hard-copy of completed articles for the 2008 SEAOC Convention.

2.3. The list of current in-progress blue book articles is not yet online for access. MM to follow up with John Diebold, State Seismology Chair.

2.4. AF and others have been working on a Blue book article which provides an overview of light frame construction under the new upcoming code. This article will help practitioners/SEAOC members adapt to the new code.

3. *IBC-2006 / ASCE 7-05*

3.1. Special inspection

3.1.1. Ch 17 of the IBC 06 changes many of the special inspection requirements. Discussions were held regarding new requirements. MM, KM, and TH made major contributions to the discussion. The EOR should help to educate the AOR regarding new requirements specifically regarding anchorage of equipment for EQ loads.

3.1.2. TH discussed the new periodic inspection for light gage seismic systems requirements. MM asked TH to consider writing a newsletter article, and TH agreed. MM to follow up.

3.2. Rho – not discussed

3.3. ICC reports and ACI Appendix D was discussed. The new edge distance requirements are significantly reducing the amount of capacity for all types of concrete anchors due to the inclusion of cracked concrete. PCI has an ACI 318 Appendix D design example.

4. Seismic Design Manual

4.1. The various authors of the new SSSC manual did not request approval from SEAOC or SEAONC Seismology Committees. One author did ask for comments, however, there was not enough time given to SSSC to for full committee review. Membership should be made aware of this. *-Membership can be notified by a newsletter article suggesting that we can help to answer questions on the manual, and mention that SSSC did not give the manual approval.*

5. New Business / Open discussion

5.1. RL discussed City of SF requirements for mandatory seismic upgrades for buildings in which recent damage has occurred (such as in a major fire.) Current provisions state that once a building is damaged more than 20%, the building must be brought up to current seismic code. RL asked if SEAONC Seismology would be interested in helping the City define what 20% is? Discussion continued regarding what SEAONC Seismology might be able to do to help the city. The committee will consider RL's request.

5.2. Next meeting is scheduled for August 28, 2007, 5:30-7:30 at the San Francisco offices of *Forell/Elsesser Engineers*. No meeting scheduled for July.

Respectfully Submitted,

Andy Fennell
Chair 2007-2008