American Concrete Institute
Committee ACI 375- Performance Base Design of Concrete Buildings for Wind Loads

ACI 375 Committee Meeting – ACI Fall Convention 2011
Monday, March 19th, 2012 1:00pm to 3:30pm
REVERCHON A
Dallas, TX

AGENDA

1- Welcome and Introduction
2- Review Agenda & Approval of Cincinnati Meeting minutes.
3- Announcement and reports
4- Creation of a Design Guideline:
   Sections /Task Groups:
   I. Performance Criteria
      a. Inter-story Drift
         i. Current Practice (ASCE 7 Commentary)
         ii. Rotational drift vs. Racking drift
      b. Human Comfort
         i. State of the Art
   II. Performance Parameters for Modeling
      a. Structural damping for serviceability and ultimate state and
         Mass consideration
         i. Slender
         ii. Non-slender buildings
         iii. Composite structures (concrete core with steel frame)
      b. Stiffness Modifiers for Serviceability & Ultimate State for slender and Non-Slender
         Buildings
         i. Shear wall (Concrete and Composite)
         ii. Moment Frame; Column, Beam & Link Beam
         iii. Flat Slab
      c. Foundation effect
         i. Shallow foundations
            o Damping
            o Stiffness
         ii. Deep Foundations
            o Damping
            o Stiffness
   III. Review of Economic implication of proposed guideline
        (All Groups)

5- Volunteers and suggestions for each Group
American Concrete Institute
Committee ACI 375- Performance Base Design of Concrete Buildings for Wind Loads

a. Group-1
Jon Galsworthy, Daryl Boggs, Peter Case, Ahsan Kareem, Viral Patel, ...

b. Group-2
Viral Patel, Ahmad Rahimian, Ramon Gilsanz, ...

c. Group-3
Sissy Nikola (Mueser Rutledge, Ahmad will invite her to the committee)
Prof. Hesham El Naggar, University of Western Ontario (Ahmad will invite him to the committee)

6- Possible mechanism for publishing a new design guidelines including state of practice conclusions from survey and possible seminar.

7- New Business

8- Adjournment