

ACI 334 Spring 2015 Meeting Minutes

13 April 2015, 5:00 pm, Room: C-2212

Kansas City, MO

Attending:

Voting Members: Michael Hunter, Robert Esplin, Ted Smulski, Ryan Poole, Chris Zweifel, Jason South

Associate Members: Bryan Butikofer, Brent Hardy

Visitors: Lloyd Benson, Debra Smulski, Eric Klingler, Benjamin Davis

Welcome and call to order

Approval of October 2014 Meeting Minutes

- Unanimous

News and Announcements

- Official Virtual Meetings available within the next week or so
- Draft disclaimer requirement, "This draft is not final and is subject to revision Do not circulate or publish." (Must appear on all documents being worked on.)

Membership:

- Committee balance:
 - 5 Users, 5 General Interest, 3 Producers (more producers needed)
- Suggestions for additional members from Associate Members

ACI 334.1

- Chapter 2 Report (J South & R Esplin)
 - Discussion on document.
 - Even though some structures shown aren't actually concrete, they are included because they show what can be built as shells.
 - Removed "Hypar" from cooling tower description.
 - Decided to keep elliptic pipe
 - Decided to list as a web ballot, to ensure that all committee members have the ability to make comments on the document.
- Chapter 2 Discussion
- Chapter 3 Task Group Report (T Smulski)
 - Head toward using strength design, but maybe include reduction factors.
 - Need a good safe standardized methodology.
 - If plan on only using FEA could be problematic.
 - Document should include information on FEA, Loading boundary conditions.
 - If shells are getting thin Buckling and stability becomes a critical issue.
 - Subcommittee Jason, Ted, Chris, & Charles will determine how to go forward.
 - Ensure that creativity is not stifled.
- Chapter 4 Discussion

- Chapter 5 Discussion
 - Follow master spec format. Look at tilt up as an example.
 - Bryan write up, then send to Eric, Ryan, & Lloyd
- Chapter 6 Discussion
 - When we are done references will be updated.
- Future action and assignments
 - Mike contact TAC about help in tracking down licensing of images.

334.3R 05 Construction of Concrete Shells Using Inflated Forms

- Plans for advancing revision of this document

318.2-14 Code & Commentary for Concrete Thin Shells (Replaced the old chapter 19 of 318 Shells and Folded Plates)

- Available in MS Word and PDF on ACI website
- Plan for review and providing input to 318

Adjourned 6:50PM