



American Concrete Institute®
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AGENDA

RESPONSIBILITY IN CONCRETE CONSTRUCTION COMMITTEE

**Plaza 2
Adam's Mark Hotel
Denver, CO
Sunday, November 5, 2006
2:00 p.m. - 5:00 p.m.**

MEMBERS

Jon Mullarky, Chair
Florian Barth
Kenneth Bondy
Ronald Burg
Boyd Clark
Jeffrey Coleman
Geoffrey Hichborn, Sr
Brad Inman
Mohammad Iqbal

William M. Klorman
James E. Kretz
Colin Lobo
Thomas Malerk
Norm Scott
Ava Shypula
Eldon Tipping
Bert Weinberg

Michael L. Tholen, Staff Liaison

1.0 APPROVAL OF MINUTES AND AGENDA

1.1 Approval of Minutes of 2006 Spring Meeting—Charlotte, NC

The Responsibility in Concrete Construction Committee (RCCC) is asked to approve the minutes of the meeting in Charlotte, NC, held on March 26, 2006, as distributed.

1.2 Approval of Agenda

RCCC is asked to approve the Denver 2006 Agenda.

2.0 MEMBERSHIP

Chair Jon Mullarky will announce any changes to the roster of the RCC Committee. The Chair will introduce any new members and visitors to the meeting. Members are asked to ensure that the data on the roster (*Exhibit 2.0*) are correct.

3.0 ACTIVITIES OF THE COMMITTEE

3.1 Case Studies

Bill Klorman has requested that case studies be kept as an open item on the RCCC agenda. Case studies dealing with responsibility issues can be used by college professors who teach courses including this subject, and it has been noted that courses dealing with responsibility issues may be included in ABET accreditation requirements for schools.

Action: Committee members should forward any pertinent case studies to Chair Mullarky

3.2 Future Convention Session

In Charlotte, the Committee chose the topic “Use and Misuse of ACI Documents” for a future convention session. Chair Mullarky requested that Boyd Clark coordinate the requirements for requesting a convention session, putting a call for papers in Concrete International, and obtaining speakers for the session. Ava Shypula volunteered to help obtain speakers and coordinate the session.

Action: Boyd Clark will coordinate the future convention session with assistance from Ava Shypula and complete the On-line Session Moderator Orientation Workshop. In Denver, Clark will report on the status of the convention session.

3.3 New Responsibility Document

In Washington, DC, RCCC members decided to draft a new responsibility document, with task groups assigned to each of the different entities involved in a construction project: owner, design professional, general contractor, D-B contractor, subcontractor, specialty subcontractor, material supplier, testing/inspection, and forensic consultants. Scott suggested “Guidelines for Forensic Engineering Practice,” published by ASCE, as a source of good information (*Exhibit 3.5* in the New York Agenda). It was noted that each task group may publish opinion papers as they deal with issues during document development. The following motion was unanimously approved: “RCCC develop a new document, ‘Responsibility in Concrete Design and Construction,’ and to do so, establish nine task groups. Each task group is associated with an entity involved in construction. Each task

group will have a chair whose responsibility it will be to draft an outline of each group's goals 30 days before the San Francisco convention, and to report on these findings at the convention." The task groups are as follows:

Owner

Jon Mullarky-Chair
Bert Weinberg
Tom Malerk

Design Professional

Norm Scott-Chair
Ken Bondy
Florian Barth

General Contractor

Bill Klorman-Chair
Jim Kretz
Brad Inman

D-B Contractor

Brad Inman-Chair
Bill Klorman
Jim Kretz

Subcontractor

Jim Kretz-Chair
Ken Bondy
Bill Klorman

Specialty Subcontractor

Ken Bondy-Chair
Bill Klorman
Norm Scott

Material Supplier

Colin Lobo-Chair
Ken Bondy
Jon Mullarky
Geoff Hichborn

Testing/Inspection

Ava Shypula-Chair
Geoff Hichborn
Boyd Clark

Forensic Consultants

Boyd Clark-Chair
Norm Scott
Ken Bondy
Bill Klorman
Geoff Hichborn
Florian Barth

In Charlotte, Ava Shypula agreed to replace Mike Boyle as the Chair of the Testing/Inspection task group. The outlines for each section were discussed and expanded at the Committee meeting. The expanded outlines are included in *Exhibit 3.3* and were posted to the forum on the Committee website. The task group for the general contractor was asked to improve their definition of the general contractor relative to the subcontractor. The Committee was requested to forward any updates to the document to Staff Liaison Tholen, who will update the document and post the new version to the forum.

Action: Each task group will expand their sections of the document and discuss them at the meeting.

3.4 Discussion of ACI 318-05 Review for Responsibility Statements

In New York, staff was asked to perform a search for "responsibility" or related words in mandatory-language ACI documents. Discussion of the responsibility statements in ACI 318-05 was held at the meeting in Kansas City. Chair Mullarky and Brad Inman stated that they did not see any issues with the responsibility statements in ACI 318-05 during

their review. It was noted that the intent of Section 3.6.1, which requires approval of admixtures by the engineer, was vague.

In Charlotte, the Committee had no new responsibility issues with ACI 318-05, and a motion was passed to report to Committee 318 that the Committees review was complete. Chair Mullarky was chosen to report to Committee 318 that the review of responsibility statements was complete and suggest that they clarify the intent of Section 3.6.1.

Action: Chair Mullarky will update the Committee on his report to Committee 318.

3.5 Discussion of ACI 332-04 Review for Responsibility Statements

In New York, staff was asked to perform a search for “responsibility” or related words in mandatory-language ACI documents. Discussion of the responsibility statements in ACI 332-04 was held at the meeting in Kansas City. Mohammad Iqbal questioned whether responsibility for supplying concrete suitable for high sulfate exposure should be assigned. It was pointed out in the meeting that the registered design professional is assigned the responsibility for determining the requirements for mixture proportions when soils with high sulfate contents are encountered (see Section 4.2.5). Further discussion centered on the introduction on page 1 of the document. It was noted that responsibility for establishing health and safety practices and the applicability of all regulatory limitations was assigned to the user of the document. However, the user is not well defined and there was no mention of which health and safety requirements or regulatory limitations were to be considered. Considering that the user may not be an architect or engineer, the Committee felt that further clarification was needed.

In Charlotte, Staff Liaison Tholen reported that the language regarding safety was in response to a TAC comment on a shotcrete document that discussed safety issues and that the section was being included in several ACI documents. Chair Mullarky said he would prepare a discussion of the section to take to TAC. Section R4.2.1 was also discussed, and it was decided that the responsibilities of the concrete supplier to supply strength verification are vague. Colin Lobo was asked to prepare a discussion of the section to take to Committee 332.

Action: Chair Mullarky and Colin Lobo will update the Committee on their discussions with the Committees.

4.0 NEW BUSINESS

5.0 NEXT MEETING

The RCCC meeting at the Atlanta convention will be held on Sunday, April 22, 2007, from 2:00 to 5:00 p.m.

6.0 ADJOURNMENT

Attachments:

- Exhibit 2.0: RCCC roster
- Exhibit 3.3: Expanded Committee Document Outline

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