

ACI COMMITTEE 349 MEETING AGENDA
APRIL 22, 2002, 2:00PM–5:00PM
DETROIT, MI

- I. **Welcome and introductions**

- II. **Approval of Dallas Meeting Minutes of October 29, 2001**
 - A. **Substantive Changes:**
 - B. **Other Editorial Changes.**

- III. **Status of Committee Documents** (The individual subcommittees will report status)
 - A. **ACI 349/349R-XX, “Code Requirements for Nuclear Safety Related Concrete Structures”:**

ACI 349-01 has been published and a copy sent to committee members. The committee is currently reviewing ACI 318-99 and ballots have been issued addressing potential revisions to ACI 349. ACI 349 may also be revised to reflect issues related to Reg. Guide 1.142. ***Subcommittee 1, 2, and 3 action is required to initiate proposed changes to ACI 349-01.***

 - B. **ACI 349.1R-91, “Reinforced Concrete Design for Thermal Effects on Nuclear Power Plant Structures”:**

Committee 349 last re-approved this technical report in November 1996. Minor editorial revisions have been successfully balloted by our committee, but these revisions were re-classified by ACI Staff as a “re-approval, with minor editorial comments”. TAC approved the reapproval of this technical report at their meetings in Toronto. For the next revision of this technical report, Subcommittee 2 has opted to request outside technical assistance from ACI Concrete Research Council. A formal request was submitted to Professor David W. Fowler, Chairman, *ACI Concrete Research Council*, on July 6, 2000. The next revision will be due in 2006. A search is being planned to identify a principal investigator for this effort. ***Subcommittee 2 action is required to initiate search and coordinate work with ACI Concrete Research Council.***

 - C. **ACI 349.2R-94, “Embedment Design Examples”:**

Committee 349 last revised this technical report in October 1997. The next committee action must occur by 2002 to maintain this document in the “*ACI Manual of Concrete Practice*”. Subcommittee 3 is currently working to revise the design examples to include the CCD Method. Plans are to revise and ballot new examples during 2002. ***Subcommittee 3 action is required at this time.***

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D. ACI 349.3R-96, “Evaluation of Existing Nuclear Safety Related Concrete Structures”:

Committee 349 first issued this technical report in January 1996. Proposed changes have been balloted by the committee and reviewed by TAC, which recommended the committee to “revise”, “reballot” and “resubmit”. A total of 272 comments have been addressed for consideration in a recent committee letter ballot. After reballoting, the document has been sent back to TAC for final review/approval. Subsequently, TAC approved the document during the Dallas meetings, subject to resolving various TAC comments. ***Subcommittee 1 action is required at this time.***

E. ACI 349.4R-XX, “Guidelines for the Design of Low-Level and High-Level Waste Repository Structures”:

This technical report has been under discussion by Subcommittee 4 since 1991. A half-day joint technical session, with Committee 227, was held during the ACI 2001 Fall Convention in Dallas, TX. Subcommittee 4 will be meeting in Detroit to review potential new members for the subcommittee, and the viability of developing ACI 349.4R. No firm date has been set for the completion of this state-of-the-art report. ***Subcommittee 4 action is required at this time.***

F. ACI 349.5R-XX, “Methodology for Capacity-Side Fragility Analyses”:

This technical report has been under discussion, by Subcommittee 2, since March 1995. Subcommittee 2 has opted to request outside technical assistance from the ACI Concrete Research Council. A request was submitted to Professor David W. Fowler, Chairman, *ACI Concrete Research Council*, on July 6, 2000. A search is underway to identify a principal investigator for this effort. A notice was placed in the December 2001 issue of *Concrete International* seeking a principal investigator. ***Subcommittee 2 action is required to initiate search and coordinate work with ACI Concrete Research Council.***

IV. Future Ballot on ACI 318-02 Changes

V. Subcommittee Reports

A. Subcommittee 1

1. **Status of Revision to ACI 349.3R**
2. **Status of Draft Ballot for Subcommittee 1 issues relating to RG 1.142**
3. **Developing Ballot to address ACI 318-02**
4. **New Business**

B. Subcommittee 2

1. **Status of Committee Letter Ballot for ACI 349/349R-01, Chapters 7-11, 13-19, 21 & Appendices A, C, D & E, to address new revisions in ACI 318-99**
2. **Status of Technical Report, ACI 349.5R-XX**
3. **Status of Revision to ACI 349.1R**
4. **Status of Draft Ballot for Subcommittee 2 issues relating to RG 1.142**
5. **New Business**

C. Subcommittee 3

1. **Status of Committee Letter Ballot on ACI 349/349R, Chapter 12, considering new revisions in ACI 318-99**
2. **New Business**

D. Subcommittee 4

1. **Summary of Dallas Session with ACI Committee 227**
2. **Status of Technical Report, ACI 349.4R-XX**
3. **New Business**

VI. New Business

- A. **Meeting Times for Phoenix, AZ**
- B. **Other New Business for Committee 349**

VII. Adjournment