

ACI COMMITTEE 349 MEETING AGENDA
MARCH 26, 2001, 8:30AM–11:30AM
PHILADELPHIA, PA

I. **Welcome and introductions**

II. **Approval of Toronto Meeting Minutes of October 16, 2000**

- A. **Substantive Changes:**
- B. **Other Editorial Changes.**

III. **Status of Committee Documents**

A. **ACI 349/349R-XX, “Code Requirements for Nuclear Safety Related Concrete Structures”:**

Committee 349 last revised this document in April 1997. Proposed changes have been successfully balloted by our committee, were approved by TAC, stood without comment during the 90-day public comment period, and were considered “closed” by ACI Staff as of June 1, 2000. These changes are currently with ACI Staff awaiting disposition of the proposed changes to ACI 349, Appendix B. Closure to proposed changes to Appendix B were recently voted on by TAC and approved with comment. When TAC comments received, ***Subcommittee 3 action is required to initiate disposition of proposed changes to Appendix B (Concrete Capacity Design Method).***

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 and 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. ***Subcommittee 4 action is required, pending response from 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 proposed CC Method. Plans are to revise and ballot new examples as soon as the proposed changes to Appendix B are issued. ***Subcommittee 3 action is required at this time.***

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. ***Subcommittee 1 action is required, pending return of committee ballot comments.***

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 joint venture with Committee 229 is currently in progress. A half-day joint technical session, with Committee 229, has been scheduled for the ACI 2001 Fall Convention in Dallas, TX. A *Call for Papers* has been published in the August and September issues of *Concrete International*. 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. ***Subcommittee 4 action is required, pending response from ACI Concrete Research Council.***

IV. Subcommittee Reports

A. Subcommittee 1

1. **Status of Committee Letter Ballots for ACI 349/349R-97, Chapters 1-6 & 20, to address new revisions in ACI 318-99**
2. **Status of Committee Letter Ballot for ACI 349.3R**
3. **Status of Ballot Comments for Subcommittee 1 issues relating to DG-1098**
4. **New Business**

B. Subcommittee 2

1. **Status of Committee Letter Ballot for ACI 349/349R-979, 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 Ballot Comments for Subcommittee 2 issues relating to DG-1098**
4. **New Business**

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- C. Subcommittee 3**
 - 1. **Status of TAC comments regarding committee discussion & closure** on proposed changes to ACI 349/349R-97, Appendix B.
 - 2. **Status of Committee Letter Ballot on ACI 349/349R, Chapter 12**, considering new revisions in ACI 318-99
 - 3. **New Subcommittee 3 Chairman**
 - 4. **New Business**

- D. Subcommittee 4**
 - 1. **Summary of Joint Subcommittee Meeting with ACI Committee 227**
 - 2. **Status of Technical Report, ACI 349.4R-XX**
 - 3. **New Business**

- V. New Business**
 - A. **Meeting Times for Dallas, TX**
 - B. **Other New Business for Committee 349**

- VI. Adjournment**