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Tuesday, October 2nd, 2007

Memorandum

To: Members of ACI Committee 348

From: Sofia M.C. Diniz, Committee Chair

Re: ACI Committee 348 Structural Safety

Dear Members and Friends,

Please find enclosed the minutes of our meeting in Atlanta, GA. The minutes were prepared by Mayrai Gindy which is acknowledged with thanks. Also, please find enclosed a copy of the agenda for our upcoming meeting in Fajardo, Puerto Rico, on **Tuesday, October 16, 2007**. The meeting will be held in **Poinsettia Room, 11:00AM-12:30 PM**.

I look forward to seeing you in Puerto Rico!

cc: Hani Nassif, TAC Contact
Daniel Falconer, ACI Staff

ACI Committee 348

Structural Safety

Tuesday, October 16, 2007, 11:00 am-12:30 p.m.

Poinsettia B Room, El Conquistador Resort, Fajardo, Puerto Rico

AGENDA

Call to order

The agenda items are:

1. Introduction
2. Minutes of the meeting held in Atlanta, GA, April 24, 2007
3. Dissemination of Structural Reliability concepts and applications
4. Future directions
5. Future sessions
6. Future conferences
7. Membership updates
8. New business
9. Next Committee meeting
10. Adjournment



ACI Committee 348 Structural Safety

Minutes of Meeting held Tuesday, April 24, 2007
 11:30 A.M. – 1:00 P.M.
 Embassy Room
 Hilton Atlanta
 Atlanta, Georgia

ATTENDANCE

<u>Voting Members:</u>	<u>Visitors:</u>
Diniz, S. Chair Gindy, M., Secretary Bartlett, M. Krstulovic, N., Maamouri, M. Nassif, H. Oglesby, R. Sandberg, H. Suksawang, N.	

1. INTRODUCTION

Chair asked the committee members to introduce themselves. Chair welcomed Mahmoud Maamouri as a new member of the committee.

2. MINUTES OF THE MEETING HELD IN DENVER, CO, NOVEMBER 6, 2006

Nassif moved to approve the minutes from Denver, CO. Oglesby seconded. The minutes were approved unanimously.

3. DISSEMINATION OF STRUCTURAL RELIABILITY CONCEPTS AND APPLICATIONS

Chair discussed the direction of the committee and possible efforts to increase visibility of committee activities. Possible outlets include organizing technical sessions, developing a monograph, or writing an article for Concrete International (CI). After some discussion, committee members agreed that an article published in CI would best accomplish our goal by reaching a much larger and more diverse audience.

The article should focus on conveying why designers need and can benefit from an understanding of reliability (i.e. "How reliability is currently working for them" and "How reliability can help them"). The article should be written in simplified but relevant form and should not be too technical.

After extensive discussion, several possible topics were outlined including design life (i.e. user-defined safety levels), rehabilitation and assessment of existing structures, code calibration for existing and new materials, sustainability (life-cycle costs), and vulnerability assessment. The committee decided to focus on the following topics:

1. Code calibration for existing materials
2. Calibration (i.e. phi-factors) for new materials
3. Safety of existing structures
4. Life-cycle costs

The committee seeks feedback from all its members relating to the above outlined topics as well as volunteers to aid in developing the document. Possible titles for the article were also discussed and included "How safe is your concrete?", "What can reliability do for you?", "Concrete: A Reliable Resource", and "Concrete: Safety and Beyond".

Nassif also suggested that the Committee develop a technical guide. Members agreed that this would be the next step.

4. FUTURE DIRECTIONS

See comments under "Dissemination of Structural Reliability Concepts and Applications"

5. FUTURE SESSIONS (LOS ANGELES)

None discussed

6. FUTURE CONFERENCES

HSC/HPC, 8th International Symposium on Utilization of High-Strength and High-Performance Concrete, October 27 – 29, 2008, Tokyo, Japan;

IABMAS'08, Fourth International Conference on Bridge Maintenance, Safety and Management, July 13-17, 2008, Seoul, Korea;

IALCCE'08, First International Symposium on Life-Cycle Civil Engineering, Varenna, Lake Como, Italy, June 11-14, 2008;

ICOSSAR'09, 10th International Conference on Structural Safety and Reliability, September 13-17, 2009, Osaka, Japan.

7. MEMBERSHIP UPDATES

The Committee has received a new voting member, Mr. Mahmoud Maamouri. Bartlett also requested to move from voting member to associate member effective immediately after the Atlanta Convention.

8. NEW BUSINESS

None discussed.

9. NEXT COMMITTEE MEETING

The next Committee meeting will be held in Puerto Rico, probably at the same day and the same time.

10. ADJOURNMENT

The meeting was adjourned at 1:00pm.

Respectfully submitted,
Mayrai Gindy
April 25, 2007