



National Fire Protection Association

1 Batterymarch Park, Quincy, MA 02169-7471
Phone: 617-770-3000 • Fax: 617-770-0700 • www.nfpa.org

MEETING AGENDA
High Rise Building Safety Advisory Committee

November 20, 2013
Teleconference/Web Meeting
1:00-4:00pm EST

1. **Call to Order.** Call the meeting to order by Chair, Jim Quiter, at 1:00 pm EST on Wednesday, November 20, 2013.
2. **Introduction of Attendees.** For a current committee roster, **See pg. 02.**
3. **Review of Agenda.**
4. **Approval of Minutes.** Approve the minutes of the 2013 April 2-3 meeting. **See pg. 03.**
5. **Status of NFPA 1/101/5000.**
6. **Status of EAP Guide.**
7. **Future HRBSAC Action Items.** **See Attachment A, pg. 7.**
8. **Other Business.**
9. **Next Meeting**
10. **Adjournment.**

Address List No Phone

11/05/2013
Kristin Bigda
HRB-TAC

High Rise Building Safety Advisory Committee

James R. Quiter Chair Arup 560 Mission Street, Floor 7 San Francisco, CA 94105 Safety to Life Correlating Committee	SE 9/30/2004 HRB-TAC	Geoff Craighead Principal Universal Protection Service 1551 North Tustin Avenue, Suite 650 Santa Ana, CA 92705	SE 7/19/2005 HRB-TAC
Jon D. Magnusson Principal Magnusson Klemencic Associates 1301 Fifth Avenue, Suite 3200 Seattle, WA 98101-2699 National Council of Structural Engineers Assns.	SE 9/30/2004 HRB-TAC	John P. Miller Principal Los Angeles City Fire Department Battalion 17 "A" Platoon 200 North Main Street Los Angeles, CA 90012	L 4/22/2005 HRB-TAC
Jack J. Murphy Principal Fire Safety Directors Association of Greater New York 236 Overlook Avenue Leonia, NJ 07605-1519 Fire Safety Directors Association of Greater New York	U 9/30/2004 HRB-TAC	Steven M. Nilles Principal Goettsch Partners 224 South Michigan, Floor 17 Chicago, IL 60604 Council on Tall Buildings & Urban Habitat	SE 9/30/2004 HRB-TAC
Jake Pauls Principal Jake Pauls Consulting Services in Building Use & Safety 12507 Winexburg Manor Drive, Suite 201 Silver Spring, MD 20906 American Public Health Association	C 9/30/2004 HRB-TAC	Sally Regenhard Principal The Skyscraper Safety Campaign 131 East 237 Street PO Box 70 Woodlawn, NY 10470 Alternate: Charles R. Jennings	C 9/30/2004 HRB-TAC
James P. Shea Principal Brookfield Multiplex Europe 23 Hanover Square London, W1S 1JB United Kingdom	U 3/1/2011 HRB-TAC	William A. Stewart Principal 873 Whitney Drive Mississauga, ON L4Y 1E6 Canada Metropolitan Fire Chiefs-IAFC/NFPA	E 3/19/2007 HRB-TAC
Charles R. Jennings Alternate John Jay College of Criminal Justice City University of New York 229 Nelson Avenue Peekskill, NY 10566 The Skyscraper Safety Campaign Principal: Sally Regenhard	C 12/1/2006 HRB-TAC	Kristin Bigda Staff Liaison National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471	6/29/2007 HRB-TAC



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MEETING MINUTES
High Rise Building Safety Advisory Committee
(HRB-SAC)

April 2-3, 2013
Miami, Florida

1. **Call to Order.** The meeting was called to order by Chair, Jim Quiter, at 8:00 am EDT. on Tuesday, April 2, 2013.
2. **Introduction of Attendees.**

The following committee members were in attendance:

NAME	COMPANY
James Quiter, Chair	Arup
Kristin Bigda, Staff Liaison	NFPA
Geoff Craighead, Principal	Universal Protection Service
Jon Magnusson, Principal	Magnusson Klemencic Associates – Rep. National Council of Structural Engineers Association
John Miller, Principal	Los Angeles City Fire Department
Jack Murphy, Principal	Fire Safety Directors Association of Greater New York
Jake Pauls, Principal	Jake Pauls Consulting Services in Building Use and Safety – Rep. American Public Health Association
James Shea, Principal	Tishman Speyer
William Stewart, Principal	Metropolitan Fire Chiefs-IAFC/NFPA
Charles Jennings, Alternate to Sally Regenhard	John Jay College of Criminal Justice – Rep. The Skyscraper Safety Campaign

The following guests were in attendance:

NAME	COMPANY
Robert Solomon, NFPA Staff	NFPA
Chief Juan Meizoso	City of Miami
John Ward	Asst. Fire Marshal, City of Miami
Michael Sheehan	SLS Consulting

The following Principal Members did not attend:

NAME	COMPANY
Steven Nilles, Principal	Goettsch Partners – Rep. Council on Tall Buildings and Urban Habitat
Sally Regenhard, Principal (alternate Charles Jennings in attendance)	The Skyscraper Safety Campaign

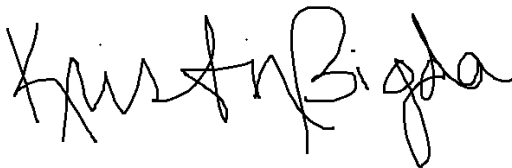
3. **Review of Agenda.** The agenda was reviewed by Chair Jim Quiter. It was decided that the committee address the EAP Guide at the end of the agenda.
4. **Approval of Minutes.** The minutes of the 2013 February 28 meeting were approved as written and distributed.
5. **Status of NFPA 1/101/5000.** Revision information and proposed changes affecting high-rise buildings were discussed with the committee. Revision information on the 2015 editions of NFPA 1, 101 or 5000 can be viewed at www.nfpa.org/1next, www.nfpa.org/101next or www.nfpa.org/5000next.
6. **EAP Guide.** The committee completed a review of the current EAP guide. The proposed updated and edits will be incorporated into the guide and will be sent to the NFPA editorial group for review. K. Bigda will incorporate the editorial recommendations and send the committee a final draft of the document for a final review.
7. **Other Business.**
 - **Video Monitoring.**
 - The HRBSAC committee will submit a public comment, in the name of the HRBSAC comment, to the NFPA 101 Fundamentals technical committee regarding stair monitoring. The text submitted as a public proposal was revisited and revised. It was decided to submit the proposed language to the high-rise section in Chapter 11. The committee will be balloted on three proposed public comments. J.Pauls presented to the committee on stair monitoring.
 - **Building Surveys.**
 - C.Jennings presented to the committee on building surveys conducted in NYC after Hurricane Sandy.
 - **Fire Protection Research Foundation Projects**
 - Several reports published by the Fire Protection Research Foundation were discussed and shared with the committee. All FPRF reports are available for free online and will be sent to the committee if available along with the distribution of the minutes.
<http://www.nfpa.org/categoryList.asp?categoryID=242&URL=Research/Fire%20Protection%20Research%20Foundation>
 - Assessment of Total Building Evacuation Systems of Tall Buildings (still being finalized)

- Elevator Messaging Strategies
 - Evaluating Occupant Load Factors for Business Operations
- **Porsche Tower**
 - Guest speaker, Michael Sheehan, from SLS Consulting, Inc. presented to the committee on a new high-rise residential project in Miami.
- **Future HRBSAC topics/action items.** The following items were listed as possible future action items for the committee. K.Bigda, R.Solomon, and J.Quiter will discuss further details and options and present to the committee in the fall at the next meeting.
 - Elevators for occupant evacuation and firefighter user – What are the next steps?
 - Firefighter air replenishment for high-rise buildings
 - Emergency messaging strategies
 - Emergency action plans for buildings under construction
 - Hardening of high-rise buildings
 - BIMs
 - Smoke purging
 - Alignment of HRBSAC resources w/other high-rise issues and organizations
 - Emergency responder communications
 - Double skin facades
 - Green roof design criteria/Green technology
 - Standardized fire alarm panels
 - Emergency action plan development for other occupancies
- **HRBSAC History** – K.Bigda will put together a table of all past HRBSAC actions and code changes and their current status.

8. **Next Meeting.** The next meeting of the committee will be a planning meeting teleconference in the fall. An in-person meeting will be held again next Spring. Options for dates and times will be sent to the committee in the coming weeks.

9. **Adjournment.** The meeting adjourned by Chair Quiter at 12:00 p.m on Wednesday, April 3, 2013.

Meeting Minutes Prepared By:



Kristin Bigda, NFPA Staff Liaison

ATTACHMENT A

HRB-SAC Topics of Interest

- Elevators for occupant evacuation and firefighter user – What are the next steps?
- Firefighter air replenishment for high-rise buildings
- Emergency messaging strategies
- Development of Emergency Action Plans
 - Buildings under construction
 - Additional Occupancies
- Hardening of high-rise buildings
- BIMs
- Smoke purging
- Alignment of HRBSAC resources w/other high-rise issues and organizations
 - International high-rise building safety strategies
 - Coordination within and between organizations of high rise building safety efforts
- Emergency responder communications
- Double skin facades
- Standardized fire alarm panels
- Green Building Technology/Sustainability
 - Green Roofs
- Work with the NFPA glossary of terms including high rise building terminology
- Blast impact on building and life safety
- Conceptual approaches to high rise building safety
- New technologies in high-rise buildings
- Sky bridges
- High-rise requirements for existing building.