

**National Earthquake Hazards Reduction Program  
Advisory Committee on Earthquake Hazards Reduction  
National Institute of Standards and Technology  
Gaithersburg, Maryland  
August 21, 2015**

**Teleconference Meeting Summary**

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**Advisory Committee Members:**

Laurie Johnson, Chair	Laurie Johnson Consulting
Jane Bullock**	Bullock & Haddow LLC
Craig Davis	Los Angeles Department of Water & Power
John Gillengerten	Consulting Structural Engineer
James Goltz	CA Emergency Management Agency
Nathan Gould	ABS Consulting
Lisa Grant-Ludwig	University of California, Irvine
Robert Herrmann	Saint Louis University
John Hooper	Magnusson Klemencic Associates
Ronald Lynn**	Clark County (NV) Department of Development Services
Peter May	University of Washington
Jack Moehle	University of California, Berkeley
Lori Peek	Colorado State University
Kenneth Stokoe	University of Texas at Austin
Ralph Archuleta**	University of California, Santa Barbara; Ex-officio member of ACEHR as Chair of the U.S. Geological Survey (USGS) Scientific Earthquake Studies Advisory Committee (SESAC)

\*\* Not in attendance

**NEHRP ICC Member-Agency Representatives and NIST Support:**

Howard Harary	NIST, Engineering Laboratory (EL) Director and ACEHR Designated Federal Officer
Jason Averill	NIST, Chief, Materials and Structural Systems Division
Jack Hayes	NIST, NEHRP Director and ACEHR Alternate Designated Federal Officer
Ed Laatsch	FEMA, Chief, Building Science Branch
Joy Pauschke	NSF, Program Director, Engineering for Natural Hazards & Natural Hazards Engineering Research Infrastructure (NHERI)
Greg Anderson	NSF Program Director, EarthScope
Rick Fragaszy	NSF Program Director, Division of Civil, Mechanical and Manufacturing Innovation

Dennis Wenger

NSF Program Director, Infrastructure Systems  
Management and Extreme Events

Steve McCabe

NIST, NEHRP Deputy Director

Tina Faecke

NIST, NEHRP Secretariat

Melissa Banner

NIST, Community Resilience Group

## **Summary of Discussions**

### **I. Review Meeting Goals and Agenda**

- a) Laurie Johnson, Chair of the Advisory Committee on Earthquake Hazards Reduction (ACEHR), asked Tina Faecke to call the roll of committee members and others in attendance.
- b) The purpose of the meeting was to review and finalize ACEHR's 2015 draft report on NEHRP effectiveness by obtaining member consensus on the draft report, with any additional edits as discussed and then submit a final report to the National Earthquake Hazards Reduction Program (NEHRP) Interagency Coordinating Committee (ICC) Chair before September 30, 2015. The draft report had previously been posted on the NEHRP web site, accessible for all meeting attendees.

### **II. Committee Review of Draft Recommendations**

The Chair led the committee in reviewing and discussing the draft report, with the help of lead authors of different sections, focusing on the Executive Summary, which was developed by the Chair following the June 12, 2015 teleconference meeting, and the 18 recommendations. She reviewed and approved or disapproved all comments or edits from the members during this discussion.

#### ***Executive Summary Section***

The Chair summarized the content of this section, noting that it describes the current state of NEHRP, future directions, and an overview of the most critical items. This section was accepted by the Committee without change; however, the 18 individual recommendations were reviewed separately.

#### ***Introduction Section***

The consensus among the committee members in attendance was that consistent terminology for "critical infrastructure" and "lifeline systems" is needed throughout this section as well as other sections of the report. Craig Davis offered to review and edit the report accordingly. Otherwise, the Committee accepted these paragraphs without change or further discussion.

#### ***Program Effectiveness and Needs Section***

The Committee accepted the NEHRP *Critical Observation 1* after editing the second paragraph text to clarify the second endorsement reference for the reauthorization.

Jack Moehle suggested rewording the NEHRP *Critical Observation 2*. The consensus was that the first sentence should be shortened and the last sentence should be removed. During the discussion, several committee members agreed that “implementation deficit” should be defined. Since Craig Davis wrote a definition previously, he offered to email it to the Chair for the report.

The Committee accepted the draft NEHRP Office *Recommendation* without change.

The Committee accepted both draft ICC *Recommendations* without change.

James Goltz suggested rewording FEMA *Recommendation 1* and revising FEMA *Recommendation 2* to reflect the context of the NEHRP reauthorization. FEMA *Recommendations 3 and 4* were accepted by the committee members without change.

Even though there was no comments from the committee members on NIST *Recommendation 1*, Jack Hayes commented that it would be helpful to NIST if ACEHR would clarify what the Committee is asking NIST to do to improve dissemination of NEHRP-related information and products.

The NSF and USGS *Recommendations* were all accepted without change.

The Chair then called for a final vote by the committee members to approve the draft report with the amendments discussed during the meeting. The draft report was unanimously approved.

### **III. Public Input Period**

No members of the public registered with the NEHRP Office to provide input for this teleconference meeting, nor did any members of the public join the teleconference.

### **IV. Adjournment**

The Chair asked each member to email any “wordsmithing” or final edits based on the day’s discussion to her with a copy to Tina Faecke no later than August 28, 2015. She thanked the committee members for all their hard work in completing the assessment and writing the report. She also thanked the NEHRP agency staff for their helpful participation in the assessment process.

The Chair also asked Tina Faecke to poll the members on available dates for a face-to-face meeting in March 2016. She then adjourned the meeting at 2:40 p.m.