MINUTES

John Parrish called the meeting to order. A conference call capability was established for those connecting remotely. Patti Sutch called the Roll and a quorum was established (28/39 members).

WSPPC Members Present:
Pilar Carbullido, Guam Homeland Security Office of Civil Defense
Sheila Curtis, Utah Division of Emergency Management
Kathryn Forge, Emergency Management British Columbia
Melinda Gibson, Wyoming Office of Homeland Security
Rob Jackson, Colorado Earthquake Hazard Mitigation Council, and proxy for Colorado Office of Emergency Management
Mark Johnson, California Governor’s Office of Emergency Services and proxy for California Seismic Safety Commission
Steve Knecht, Montana Division of Disaster and Emergency Services
Rich Koehler, Alaska Division of Geological and Geophysical Surveys and proxy for Alaska Seismic Hazards Safety Commission
Bill Lund, Utah Geological Survey
Ron Lynn, Nevada Earthquake Safety Council, proxies for Nevada Bureau of Mines and Geology and Nevada Division of Emergency Management
Ian Madin, Oregon Department of Geology and Mineral Industries
Pete McDonough, Utah Seismic Safety Commission
John Metesh, Montana Bureau of Mines and Geology
Dave Norman, Washington Division of Geology and Earth Resources
John Parrish, California Geological Survey
Bill Phillips, Idaho Geological Survey
Brad Richy, Idaho Bureau of Homeland Security
John Schelling, Washington Emergency Management Division
Jay Wilson, Oregon Seismic Safety Policy Advisory Commission
Seth Wittke, Wyoming State Geological Survey

Others Present:
Michelle Bates, WSSPC
Gala Gulacsik, FEMA Region X
Bill Leith, USGS
Michael Mahoney, FEMA HQ
Wendy Phillips, FEMA HQ
Patti Sutch, WSSPC
USGS Report – Bill Leith
1. A paper authored by William S. Leith and others to be published in the Earthquake Engineering Research Institute’s Spectra has re-quantified the exposure of the U.S. population to earthquake ground motions in the lower 48 states.
2. Annualized earthquake losses – the $4.5 billion building losses do not include lifelines or business interruption (Doug Bausch and Kishor Jaiswal study).
3. There is a lot of interest in the Wasatch fault scenario that is coming out in June.
4. Induced earthquakes from hydraulic fracturing have been difficult to explain simply.
5. USGS has been involved in education for Earthquake Early Warning, Operational Earthquake Forecasting, and aftershock forecasts.
6. The Earthquake Program will take a 6% hit to its budget, but specific things have received an increase: Earthquake Early Warning (+$5 M), induced seismicity (+$700K in 2015). The 2016 budget requested only $3.5M for EEW. The USGS policy is one of no network expansion.

Approval of Annual Business Meeting Minutes – John Parrish
MOTION: To approve the minutes of the 2014 Annual Business Meeting (Brad Richy).
SECONeed: Mark Johnson.
VOTE: Unanimously approved.

Executive Director Report – Patti Sutch
1. Financial – Cash on hand through the end of February is $153,811.32. March expenses were not final or billed but were approximately $21,451.71. The WSSPC fiscal year that started December 1, 2014 to date is approximately $3900 in the black. The FEMA Cooperative agreement to date has been underspent. This is due to WSSPC hours being used for state support projects and the Program Manager vacancy.
2. State Support FY14 – WSSPC has been tasked with supporting Arizona, Nevada, and Wyoming. We also printed mobile home flyers for California using some of the funds from the Program Manager vacancy.
3. We coordinated with CUSEC and NESEC on a presentation to NEMA about the Earthquake Program and our support for an Earthquake Subcommittee to be formed within NEMA. Jim Wilkinson gave the presentation to the Directors at their annual meeting.
4. Beginning July 1, 2015, California requires that sick leave be provided to all employees. After the meeting I will send a revised Personnel Policy to the Board for approval incorporating the new sick leave provisions.

Board of Directors Election
The following Directors’ terms expire in 2015. John Parrish asked for a vote from the members after presenting each name, and each vote was unanimously in favor:
Mark Ghilarducci (CA-EM)
Peter McDonough (UT-SC, At-Large)
Karen Berry (CO-GS)
John Parrish is retiring from the Board when his term expires in 2015. Karen Berry (CO-GS) has agreed to run to fill the Geological Survey position. Dave Norman (WA-GS) has agreed to serve as Board Chair.

Basin & Range Province Committee Report
Chair Bill Phillips reported that the Committee unanimously supports adoption of Policy Recommendation 15-3, and supports the development of guidelines for how state agencies can implement it.
They have requested NEHRP FY15 funding for Policy Recommendation 14-5, supporting the development of an Earthquake Response Handbook for Incident Commanders.

**Engineering, Construction, and Building Codes Committee**
Chair Ron Lynn and his committee members developed a new policy this year (15-4). Four people participated in person and 6 on today’s committee conference call. The Committee has met every other month and next year will have several policies to consider.

**Tsunami Hazard Mitigation Committee**
John Schelling, Chair of the Committee, reviewed Policy Recommendations 15-1 and 15-2, and the committee members suggested broadening the scope to include tsunami. The members discussed whether this could be done and still adopt the policy this year. Patti Sutch said there was precedent for approving the policy statement and working on changing the Background and subsequent sections at a later time.

**Policy Recommendation Adoption**

**Policy Recommendation 15-1: Earthquake and Tsunami Planning Scenarios**
MOTION: To adopt Policy Recommendation 15-1 and have the Tsunami Committee revise the Background and subsequent sections (Mark Johnson)
SECOND: Rich Koehler
VOTE: Unanimously in favor.

**Policy Recommendation 15-2: Developing Earthquake and Tsunami Risk-Reduction Strategies**
MOTION: To adopt Policy Recommendation 15-2 and have the Tsunami Committee revise the Background and subsequent sections (Ron Lynn).
SECOND: Ann Gravier
VOTE: Unanimously in favor.

**Policy Recommendation 15-3: Definitions of Recency of Surface Faulting for the Basin and Range Province**
MOTION: To adopt Policy Recommendation 15-3 (Pete McDonough).
SECOND: Rob Jackson.
VOTE: Unanimously in favor.

**Policy Recommendation 15-4: Identification and Mitigation of Non-Ductile Concrete Buildings**
SECOND: Ron Lynn.
VOTE: Unanimously in favor.

**2016 Policies for Potential Renewal and Committee Assignments:**
13-1: Tsunami Identification and Evacuation (Tsunami)
13-3: Clearinghouses (BRP)
13-4: 2012 Building Codes (ECBC)
13-6: PIMS (BRP)
13-7: Seismic Design of New Schools (ECBC)
13-10: School Building Rehabilitation (ECBC)
13-11: Lifelines (ECBC)
13-12: Gas Shut-Off Devices (ECBC)
2016 WSSPC Annual Meeting
Patti will set up our annual meeting once we know when the 2016 Earthquake Program Managers meeting will be held, probably in April or May 2016.

FEMA Report
Wendy Phillips described the challenges of the NEHRP program with financing and staffing, both at headquarters and at the region. The state funding process through the consortia and partners is well underway for FY15.

Mike Mahoney noted that P-1024, a publication covering the building performance in the South Napa earthquake of 2014, was available. Recovery Advisories were new products after this earthquake. Recovery Advisory RA-1 covered masonry chimney repair and Recovery Advisory RA2 provided guidance for cripple walls up to 7 feet high in wood-frame dwellings. He then presented a PowerPoint of the South Napa earthquake, a presentation made available on the “Members Only” section of the WSSPC website.

At the conclusion of the presentation, John Parrish adjourned the meeting.

Respectfully submitted,

Patricia L. Sutch
WSSPC Secretary