

## **Joint Seismic Safety Commissions/Boards Workshop Report**

*Submitted by Rick Allis, Director, Utah Geologic Survey*

September 27, 2004, St Louis National Earthquake Conference

The Joint Seismic Safety Commissions/Boards Workshop took place on September 27, 2004 in St. Louis, Missouri at the 2004 National Earthquake Conference. The theme of the workshop was to discuss ways to make commissions more effective and to improve communications between commissions. The first half of the morning meeting focused on how active commissions operate, and the second session on products and initiatives. The meeting was attended by approximately 40 people from nine different commissions and agencies.

### **Key issues and points raised were:**

- Compared to a similar 1996 workshop in California, about half the commissions and boards are now inactive. This may be because of major earthquakes of Loma Prieta (1989) and Northridge (1994) that raised awareness of the potential damage and cost of earthquakes in the mid 1990s. Tight state budgets during the last five years may also be a factor.
- There has been a large turnover in staff in emergency management agencies, commissions and geological survey upper management—only 3 participants attended the 1996 workshop. There is an ongoing need to educate those in the seismic risk reduction area of past initiatives to avoid "reinventing the wheel".
- "Windows of opportunities" exist after damaging earthquakes for reaching out to the public with messages about earthquake safety and preparedness. Other forms of natural disasters may also present opportunities. The window may only last about a year.
- Although it is tough to get earthquake safety messages heard and acted upon during long intervals between damaging earthquakes (like the last 10 years), it is still important to be active with mitigation initiatives—don't get disheartened.
- Identify your target audience: general public, industry, legislators, professional societies (e.g. engineers, architects), and tailor the message/initiative accordingly.
- A key factor to the sustained operation of several commissions was the underpinning support of state agencies (Emergency Management, Geological Surveys, Seismological Observatories, etc.). Involve a cross-section of people/stakeholders in the commission activities (not just state or federal government people) such as engineers, architects, etc. Legislators, or their liaisons, and lobbyists, can be important for advising on strategies for commission initiatives with the legislature, in addition to helping bills succeed.
- It is much easier to get legislation stopped than it is to get new legislation passed!
- Commissioners should speak with one voice.

- Someone should sit in on important government/ agency meetings, even if uninvited (e.g. building board meetings). There may be an opportunity to raise the issues of seismic mitigation or retrofiting.
- Investigate other commissions for ideas of products or initiatives that could be duplicated in your own state (see Actions on page 19 of this issue of EQ). FEMA has many reports that are useful.
- All active commissions are independent of any one state agency - this is an issue in California, where the Governor's panel has recommended restructuring their commission and having it reside within a department.
- Hazard events can present opportunities for businesses that are prepared for, and survive largely unscathed. Get this message out.
- HAZUS scenarios can be a powerful way of reaching out to decisionmakers.
- Non-earthquake hazard examples can be used to promote greater awareness of the potential for earthquake damage.
- There is a need for cost-benefit analyses that are simplified and are targeted for the private sector; the cost of business interruption is usually under-estimated.

### **Actions**

There is an ongoing need to improve communications between commissions, and to improve awareness of products and initiatives of other commissions. A centralized website was recommended, perhaps with FEMA, or perhaps as part of the WSSPC website. There may be modest costs involved. However, it is up to individual commissions to compile a list or bibliography of its own popular/successful material. This can then be forwarded to whoever coordinates the material.

Participants offered to sign a communal letter in support of the California Seismic Safety Commission retaining its independence. A letter was sent by WSSPC before the September 30, 2004 deadline.

Assuming communications are improved through a website with information and commission activities, another workshop such as this one may not be needed for a few years.

# Workshop Attendees

<i>Name</i>	<i>Agency</i>	<i>Email Address</i>
Rick Allis	Utah Seismic Safety Commission	<a href="mailto:rickallis@utah.gov">rickallis@utah.gov</a>
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Chuck Real	California Geological Survey	<a href="mailto:creal@consvr.ca.gov">creal@consvr.ca.gov</a>
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Elizabeth Lemersal	FEMA-NEHRP Washington, D.C.	<a href="mailto:Elizabeth.lemersal@dhs.gov">Elizabeth.lemersal@dhs.gov</a>
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# RESULTS OF QUESTIONNAIRES

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Alaska Seismic Hazards Safety Commission</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>None; no members have been appointed</i>
How is the SSC supported/funded?
<i>State general fund</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>Nine members: four public, four government, one university; government members represent local, state, and federal levels</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>Established by an act of the legislature in 2002. Members are appointed by the governor for three-year terms; no compensation except travel</i>
<b>3. Recent Achievements (since 2000)</b>
<i>None; commission is not yet active</i>
List educational or advisory products produced or facilitated by the SSC.
<i>N/A</i>
Have you influenced any state or local government policy changes?
<i>N/A</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>N/A</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<i>None; commission is not yet active</i>
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<i>Current issue is simply the appointment of members; the Governor's office is beginning to move on this issue. Also, even though the commission has not been operational since it was established by the legislature in 2002, it is coming up for sunset review in 2005. There may be an effort to block its renewal.</i>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Ron Combellick, Acting Director, Division of Geological &amp; Geophysical Surveys Ph. 907-451-5007, fax 907-451-5223, email rod_combellick@dnr.state.ak.us</i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Arkansas Governor's Earthquake Advisory Council</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>2 times</i>
How is the SSC supported/funded?
<i>Through the budget of the Arkansas Department of Emergency Management.</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>We have a large membership, about 40-45 people at present, from as many different Constituencies as we can find willing and able to contribute.</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>AGEAC members are elected by the council membership. (We would be willing accept appointed members.) They serve for as long as they care to. They receive no compensation for Council activities. We do attempt to underwrite expenses as money is available.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>Activity has been somewhat low during this time period. We continue to maintain our human network and prove information on request to interested parties.</i>
Have you influenced any state or local government policy changes?
<i>Hard to say. At least we are known to be around. Seismic considerations are taken into account by state and local governments (when it suits their purpose).</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>Not specifically. I understand that some of our information is being used in local decision-making. I have also given TV interviews that some people have watched. We continue to support safe-room construction in schools.</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<i>We have done too little to be unsuccessful</i>
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<i>Through the last 20 years it has been my observation that public interest in earthquakes waxes and wanes. At the present time we are in a time of low interest. Our challenge is to survive and maintain the institutional knowledge of our program until the next time the public is ready to act. With budget cuts all across the government we must keep our minimum cost available to our effort.</i>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>John David McFarland, Chief Geologist, Arkansas Geological Commission, 3815 West Rossevelt Road, Little Rock, AR 72204, 501-663-7360 fax, john.mcfarland@mail.state.ar.us</i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<i>I find it useful to learn what others are doing. I always come away with new ideas.</i>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>California Seismic Safety Commission</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>Ten times</i>
How is the SSC supported/funded?
<i>Insurance Fund</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>Seventeen members representing the following areas of expertise:</i>
<i>Building Officials</i>
<i>Utilities</i>
<i>Local Government</i>
<i>Architecture</i>
<i>Fire Protection</i>
<i>Structural Engineering</i>
<i>Soils Engineering</i>
<i>Emergency Services</i>
<i>State Assembly</i>
<i>Geology</i>
<i>City Government</i>
<i>Seismology</i>
<i>Insurance</i>
<i>Social Services</i>
<i>Mechanical Engineering</i>
<i>County Government</i>
<i>State Senate</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>The Commission was established by legislation in 1975. Fifteen commissioners are appointed by the governor and serve for a term of 4 years. Two commissioners are appointed by the state legislature (Assembly, Senate) and serve for a period of 4 years. Commissioners are paid \$100 per meeting plus expenses.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>Earthquake Risk Management: A Toolkit for Decision-Makers</i> <i>Lessons Learned from Recent Earthquakes in Turkey, Greece, and Taiwan</i> <i>Revision of State's Earthquake Loss Reduction Plan</i> <i>Progress Report on Earthquake Loss Reduction Plan</i> <i>Review of Pacific Earthquake Engineering Research Center (PEER)</i> <i>Improving Natural Gas Safety in Earthquakes</i> <i>Resource Needs of California's Urban Search and Rescue Teams</i> <i>New Earthquake Shaking Potential Map for California</i> <i>Findings and Recommendations from the San Simeon Earthquake of 12/22/03</i> <i>Built to Resist Earthquakes. The Path to Quality Seismic Design and Construction for Architects, Engineers, and Inspectors</i>
Have you influenced any state or local government policy changes?
<i>AB 2891 Authorizes State Architect to issue "stop work" orders on school construction that does not comply with seismic safety requirements.</i> <i>Earthquake Safety of Private Buildings for Use as School Facilities (AB 16)</i> <i>Status Report on California's Unreinforced Masonry Building Law</i> <i>Revised State's Earthquake Research Plan</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>Translated Earthquake Loss Reduction Plan into Japanese</i> <i>Helped develop School District's Guide and Checklist for Nonstructural Hazards</i> <i>Homeowner's Guide to Earthquake Safety</i> <i>Commercial Building Owner's Guide to Earthquake Safety</i> <i>Findings and Recommendations from the San Simeon Earthquake</i> <i>Cooperation Agreement Between California and Shizuoka Prefecture, Japan</i>

<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<i>Commission has tried many times to pass legislation that would grant financial incentives to businesses and homeowners to undertake seismic strengthening. Each attempt has failed due to the seismic communities inability to demonstrate the cost-benefit of mitigation to decision-makers in a form that makes sense.</i>
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<i>Obtain a stable funding source Form partnerships to increase education and outreach efforts Develop legislation that will provide incentives to unreinforced masonry building owner's to either retrofit or tear down</i>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Dr. Lucy Jones, Chairman, (626) 583-7817, fax (626) 583-7827, <a href="mailto:jones@usgs.gov">jones@usgs.gov</a> Richard McCarthy, Exec. Director, (916) 263-5506, fax (916) 263-0594, <a href="mailto:mccarthy@stateseismic.com">mccarthy@stateseismic.com</a></i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<i>Unknown</i>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Central US Seismic Advisory Council</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>Twice</i>
How is the SSC supported/funded?
<i>Through the Central US Earthquake Consortium (CUSEC)</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>The Council is currently made up of 15 members representing both public and private sector organizations. Council is unique in that it has several positions which change based on CUSEC Board Officer changes annually. Also, three positions which are held for the "Chairs" of the three state Commissions/Councils which exist in the central US.</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>The Council was created at the recommendation of the CUSEC Executive Director to the CUSEC Board. The Council was created to support CUSEC efforts by providing a broad based perspective on issues with respect to earthquake hazard in the central US. New members are nominated by current members with no limit on length of appointment. When funds are available, travel cost for non-federal members is covered by CUSEC.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>Council has only been in existence a little over a year, products consist of recommendations made to CUSEC.</i>
Have you influenced any state or local government policy changes?
<i>Individual Council members have worked to support re-authorization of NEHRP as well as local and state laws concerning building code adoption.</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>Activities have included participation with state earthquake awareness week functions, recommendations on future CUSEC work elements, and well as recommendations for strengthening the overall earthquake program in the central US.</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<b>5. Current and Future Issues for the SSC</b> (Describe challenges, opportunities)
<i>The Central US Seismic Advisory Council currently has three issues of concern. First, we are concerned with the long-term viability of NEHRP and the ability of its core agencies (NSF, NIST, FEMA, and USGS) to provide leadership, guidance, visibility, and practical support for earthquake-related programs. Second, we are especially concerned that funding levels allow required, requested, and desirable activities to continue and grow. Finally, we are concerned that all eight states within the Central US Earthquake Consortium are able to maintain a dedicated and viable earthquake program at both the state and local level.</i>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Jim Wilkinson, 901-544-3570, 901-544-0544, <a href="mailto:jwilkinson@cusec.org">jwilkinson@cusec.org</a></i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<i>I think it is important to look at how the Councils are different and how that determines the focus each has in support of the earthquake program in their given area/region.</i>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Colorado Earthquake Hazard Mitigation Council</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>Six times</i>
How is the SSC supported/funded?
<i>Volunteer, no financial support</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>Federal, state, academic, and private. Seismologists, geologists, structural engineers, civil engineers, emergency managers, risk manager</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>No legal status. Appointed by consensus of committee.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>Questionnaire on enforcement of building codes.</i>
Have you influenced any state or local government policy changes?
<i>Yes, acceleration of ANSS broadband installation in Colorado.</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>No</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<i>Education, increase support of research in Colorado.</i>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Bob Kirkham, (719) 587-0139, bob Kirkham [rmk@amigo.net]</i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Missouri Seismic Safety Commission (MSSC)</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>Three times.</i>
How is the SSC supported/funded?
<i>An extremely modest budget from the Missouri Department of Public Safety, State Emergency Management Agency.</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>There are seventeen seats on the MSSC: One state senator, one state representative, one each in the following disciplines: geology, seismology, emergency management (local government, not state), electrical engineer, fire protection/emergency response, planning, public utilities, American Red Cross, soils engineering, insurance, structural engineer, business, architect, mechanical engineer, and local government. The Missouri State Geologist (Mimi Garstang), the Missouri Earthquake Program Geologist (Jim Palmer), and FEMA Region VII Earthquake Liaison (Sue Evers) regularly participate as unofficial members. The Commission is purposely staffed by private citizens who have practical and professional backgrounds within their area of representation, not department heads of various state agencies.</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>The Missouri Seismic Safety Commission is a legislated body, not an appointed one. This allows the Commission to continue operations with little or no changes when a new Governor is elected. The Commission was established via Revised Statute of Missouri (RSMo) Sections 44.225 through 44.237.</i>
<i>Members are non-partisan appointees of the Governor, who undergo rigorous background checks and a Senate Committee hearing before their appointment is approved. Terms are for four years. Members receive an optional honorarium of \$50 for each meeting of the Missouri Seismic Safety Commission they attend and optional basic travel compensation for mileage, parking, etc.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>Missouri Earthquake Awareness Week (annually since ~1995); numerous (50 +???) outreach and education programs in various parts of the State of Missouri for business &amp; industry, insurance, public policymakers, emergency responders, etc. during the 9-10 year history of Missouri Earthquake Awareness Week. Also, annual or bi-annual reports have been prepared and presented to the Governor, members of the Missouri Senate and House, and key department heads.</i>
Have you influenced any state or local government policy changes?
<i>Unknown</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>Increased awareness of earthquake risk and risk management options within the private sector.</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<i>The Missouri legislature is a difficult audience to reach. They, as lawmaking bodies in most states, are often overloaded by political demands and distractions. The earthquake risk message hasn't yet hit a nerve with them.</i>

<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<p><i>The status, or lack thereof, of building codes in Missouri is a major concern. In 93 of 114 counties in Missouri, building codes are illegal. An “attempt” to fix this problem in 1999 was, in retrospect, a sophisticated political move that clearly and embarrassingly illustrated our naivete.</i></p> <p><i>The Missouri Seismic Safety Commission’s Earthquake Awareness Week program has recently reached a major milestone: it has become a recognized event within the business and educational community and educational and outreach events have become, to some degree, “automatic” - - our target audiences expect them annually now, sponsors and planners recognize the general concept when mentioned, and speakers have begun to come to us requesting speaking slots for their programs for the next year.</i></p> <p><i>The challenge now is to capture the interest and resources of the highest – level business community and gain access to their government liaisons (i.e., lobbyists) to leverage the Missouri Senate and House with meaningful legislation.</i></p>
<b>1. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Gayla Weber, Missouri Earthquake Program Manager, <a href="mailto:Gayla.weber@sema.dps.mo.gov">Gayla.weber@sema.dps.mo.gov</a></i>
<b>2. What topics would you like discussed at the Sept 27 workshop?</b>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Nevada Earthquake Safety Council</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>4 times</i>
How is the SSC supported/funded?
<i>FEMA funds through the Nevada Division of Emergency Management, matched by State funding from the Nevada Bureau of Mines and Geology and the Nevada Seismological Laboratory.</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>Approximately 21 members from an equal number of agencies and businesses.</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>The Council serves as an advisory body to the Nevada Division of Emergency Management. Members are nominated by a committee of the Council and are approved by the Director of the division of Emergency Management.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>The Council has produced numerous educational and other products since 2000. These are reported in the minutes of the Council, which are available online through <a href="http://www.nbmg.edu">www.nbmg.edu</a>.</i>
Have you influenced any state or local government policy changes?
<i>Yes. The Council supported the Nevada Legislature's passage of a new law (in 2003) concerning earthquake provisions for building codes.</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>In part a result of stimulus from the Council, the Nevada Department of Transportation has undertaken seismic retrofits of several elevated freeways and bridges.</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<b>5. Current and Future Issues for the SSC</b> (Describe challenges, opportunities)
<i>Sustaining funding for earthquake programs, including scientific investigations, education and awareness activities, and mitigation efforts is a continuing concern.</i>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Jonathan G. Prince, Secretary, Nevada Earthquake Safety Council, Phone: 775-784-6691 extension 126, Fax: 775-784-1709, E-mail: <a href="mailto:jprice@unr.edu">jprice@unr.edu</a></i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<i>FEMA's commitment to earthquake risk reduction.</i>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>New Mexico's Seismic Safety Committee is currently inactive</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>The committee did not meet this year</i>
How is the SSC supported/funded?
<i>All volunteer</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>When it used to meet, three state agencies, several local emergency responders, and private engineering firms met bi-monthly</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>We had an executive order from the governor; again, the group was voluntary</i>
<b>2. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>None</i>
Have you influenced any state or local government policy changes?
<i>No</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>No</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<i>We have not been successful at getting our committee working again</i>
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<i>Challenge is to reconstitute a successful seismic safety committee</i>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Evonne Gantz, New Mexico Department of Public Safety, Office of Emergency Services and Security, PO Box 1628, Santa Fe NM 87501-1628</i>
<i>Dave Love, New Mexico Bureau of Geology &amp; Mineral Resources, New Mexico Tech 801 LeRoy Place, Socorro nm 87801</i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<i>State support for seismic studies and mitigation</i>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Oregon Seismic Safety Policy Advisory Commission</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>Meet bimonthly (6 times)</i>
How is the SSC supported/funded?
<i>Funded by FEMA to OR Emergency Management Agency</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>18 member appointed (by Governor) including public, stakeholders, state agencies. Public includes legislators.</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>Official state commission by Governor's appointment. Duration 2 years (?) and compensation has been essentially voluntary and/or case by case.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<p><i>On-going:</i></p> <ul style="list-style-type: none"> <li>• <i>Fund a newly established task force to develop strategies to implement Ballot Measures 15 and 16. The ballot measures authorize the legislature to issue general obligation bonds to retrofit selected schools and emergency service buildings.</i></li> </ul> <p><i>Past accomplishments:</i></p> <ul style="list-style-type: none"> <li>• <i>Held workshop on strategies to issue General Obligation Bond for ORS chap 797-8 (Seismic Safety Legislation – 2003)</i></li> <li>• <i>Supported and reviewed the earthquake and tsunami chapters of the State Hazard Mitigation Plan, (2001)</i></li> <li>• <i>Published "Oregon at Risk" (2000) (See accompanying.pdf file)</i></li> </ul>
Have you influenced any state or local government policy changes?
<p><i>On-going:</i></p> <ul style="list-style-type: none"> <li>• <i>Preparing a legislative concept or executive order to have earthquake safe state-owned buildings</i></li> <li>• <i>Supporting continuation of seismic instrument network fund</i></li> </ul> <p><i>Past accomplishments:</i></p> <ul style="list-style-type: none"> <li>• <i>Sent letter to the Building Codes Structures Board in support of adopting FEMA Standards 310/356 as a seismic safety option for existing buildings (2003)</i></li> <li>• <i>Supported OR Dept. of Administrative Services seismic survey's of selected state-owned buildings (2002)</i></li> <li>• <i>Initiated SB 15 (with Sen. Courtney) for safe emergency response buildings (2001)</i></li> <li>• <i>Initiated SB 14 (with Sen. Courtney) for safe public schools (2001)</i></li> <li>• <i>Initiated SB 13 (with Sen. Courtney) to require earthquake drills for state and local agencies (2001)</i></li> <li>• <i>Supported the seismic instrument network fund with OR Dept. of Geology and Mineral Industries and OR Building Codes (2001)</i></li> </ul>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<ul style="list-style-type: none"> <li>• <i>Supported DOGAMI pre-disaster mitigation proposals to FEMA (2003)</i></li> </ul>

<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<p><i>After ballot measures passed in 2001 for seismic safety rehabilitation of schools and emergency facilities there was a perception that SSC's work was over. In hindsight, follow-up by SSC might have ensured appropriation of the funds for implementing the legislation. The SSC membership represents the stakeholders that were most affected by the legislature and would have made a difference in the funding appropriations.</i></p> <p><i>Staff resources are crucial to continuing success of SSC's. It is difficult to follow through on issues without the resources.</i></p>
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<ol style="list-style-type: none"> <li>1. Submit regular reports to Governor</li> <li>2. Provide a supporting role for GO Bond Task Force initiative spearheaded by OR Dept. of Geology and Mineral Industries.</li> <li>3. Establishing a stable funding source for earthquake safety projects.</li> </ol>
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<p><i>Jim Doane, Chair, Retired from public service, 503.642.1701</i>  <i>J. Wilson, Staff, OR Emergency Management, 503.378.2911 ext 22237, 503.373.7833 (fax), <a href="mailto:jmwilson@o3m.state.or.us">jmwilson@o3m.state.or.us</a></i>  <i>Yumei Wang, Member, OR Dept. of Geology and Mineral Industries</i>  <i>503.731.4100 ext 226, 503.731.4066 (fax), <a href="mailto:yumei.wang@state.or.us">yumei.wang@state.or.us</a></i></p>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<i>Discuss how to establish stable funding sources for staffing and maintaining SSC Boards</i>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Utah Seismic Safety Commission</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>Quarterly in January, April, July, and October</i>
How is the SSC supported/funded?
<i>Legislature provides \$4500 per year. Staff support is provided by the Division of Comprehensive Emergency Services and the Utah Geological Survey.</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>Fifteen commissioners with support staff from Department of Emergency Services and Utah Geological Survey. Agencies represented include:</i>
<ul style="list-style-type: none"> <li>▪ <i>Comprehensive Emergency Management</i></li> <li>▪ <i>Utah Geological Survey</i></li> <li>▪ <i>University of Utah Seismograph Station</i></li> <li>▪ <i>Utah League of Cities and Towns</i></li> <li>▪ <i>Structural Engineers Association of Utah</i></li> <li>▪ <i>Division of Facilities Management and Construction</i></li> <li>▪ <i>Utah Department of Transportation</i></li> <li>▪ <i>State Planning Coordinator</i></li> <li>▪ <i>American Institute of Architects, Utah Chapter</i></li> <li>▪ <i>American Society of Civil Engineers, Utah Chapter</i></li> <li>▪ <i>Utah House of Representatives</i></li> <li>▪ <i>Utah Senate</i></li> <li>▪ <i>Department of Insurance</i></li> <li>▪ <i>Association of Contingency Planners, Utah Chapter</i></li> <li>▪ <i>American Public Works Association, Utah Chapter</i></li> </ul>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>Advisory Commission to the state legislature. Members are both appointed (10) and biannually elected (5). Members of the commission who are employees of a state or local governmental entity serve without pay or compensation for their services but may receive per diem and travel expenses in accordance with Division of Finance rules.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC. <i>Geologic Hazards Reviews for Utah Schools Student Research Grants Program Parapet Ordinance Brochure Post Earthquake Clearinghouse Seismic Hazards Mapping and Geologic Hazards Conference Earthquake Safety in Utah, December 2000 Strategic Plan update April – Earthquake and Disaster Preparedness Month (state proclamation) USSC meeting in Ogden, Utah Presentation of Utah League of Cities and Towns ANSS stakeholders meetings Commission partnership with HAZUS Seismic Hazards Symposium, University of Utah Seismicity of Western Utah program Implementing the IBC 2000 in Utah program Preparedness and the 2002 Olympic Games Lifelines Assessment program</i>

<p><i>Endorsement of UBC Rule for retrofit of Existing Buildings</i>  <i>Capitol Preservation endorsement</i>  <i>Memorandum of Understanding with Structural Engineers Association of Utah</i>  <i>Seismic Hazards Working Groups</i>  <i>Teacher Workshop Support</i>  <i>Marriott Library retrofit endorsement</i>  <i>Earthquake Insurance program</i></p>
<p>Have you influenced any state or local government policy changes?</p>
<p>1. <i>Geologic Hazards Reviews required for new school buildings</i>  2. <i>State endorsement for the use of Guidelines for the Seismic Retrofit of Existing Buildings and the Uniform Code for Building Conservation.</i>  3. <i>Utah Building Code amendment for retrofit of existing buildings based on occupant load increase.</i>  4. <i>Geologic Hazards ordinance adoptions</i></p>
<p>Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?</p>
<ul style="list-style-type: none"> <li>▪ <i>Geologic Hazards ordinance endorsements.</i></li> <li>▪ <i>Bldg.Code amendment to trigger seismic upgrades to existing buildings when occupant load increased 100%.</i></li> </ul>
<p><b>4. Marginal or Unsuccessful Initiatives</b></p>
<p>Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)</p>
<ul style="list-style-type: none"> <li>▪ <i>U of U Marriott library retrofit endorsement did not persuade state legislature to fund or commit to improvements in a seismically vulnerable building.</i></li> </ul>
<p><b>5. Current and Future Issues for the SSC</b></p>
<p>(Describe challenges, opportunities)</p>
<ul style="list-style-type: none"> <li>▪ <i>Improve Student Level curriculum and Teacher workshop opportunities in earth science education</i></li> <li>▪ <i>HAZUS tool use for state assessments</i></li> <li>▪ <i>Improve characterization of Utah Earthquake Danger/Perception</i></li> <li>▪ <i>Endorse uniform code requirements for retrofit of existing buildings (IEBC, GSREB, UCBC) Active support for retrofit of URM's.</i></li> <li>▪ <i>Lifelines National Standards – identify and support as needed.</i></li> <li>▪ <i>Seismic Evaluation Assistance Program – work to develop relationships with entities responsible for seismic evaluation and risk analysis.</i></li> <li>▪ <i>Improve resource/information for private residence seismic evaluation and mitigation strategies.</i></li> <li>▪ <i>Promote WSSPC/National Conference awards projects.</i></li> <li>▪ <i>Promote Geologic Hazards Ordinance use in state and local jurisdictions.</i></li> <li>▪ <i>Develop Institutional Seismic Safety Checklists to transfer knowledge.</i></li> </ul>
<p><b>6. Current contact information for the SSC (name, ph, fax, email)</b></p>
<p><i>Barry H. Welliver) Chair, (801) 553-0162, (801) 553-0163 fax</i>  <a href="mailto:Barrywelliver2@earthlink.net">Barrywelliver2@earthlink.net</a>  <i>Department of Public Safety</i>  <i>Division of Emergency Services and Homeland Security</i>  <i>1110 State Office Building, PO Box 141710, Salt Lake City</i></p>
<p><b>7. What topics would you like discussed at the Sept 27 workshop?</b></p>
<p><i>Information pooling between SSC's</i>  WSSPC/FEMA support  FEMA partial funding for SSC's</p>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Washington State Emergency Management Council (EMC) Seismic Safety Committee (SSC)</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>Has not met during the past 12 months – However, the SSC Vice Chair and technical advisors completed and submitted Policy Recommendations for 2004 to the Emergency Management Council.</i>
How is the SSC supported/funded?
<i>The SSC is supported by a technical advisor from DNR and EMD. It receives no funding other than monies that may be available through the Earthquake Program.</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>The SSC is made up of professionals from both the private and public sector at the State of Utah and local level. USGS and FEMA are active participants on the committee.</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>The SSC is a committee under the Washington Ste EMC that advises the Governor on all matters pertaining to state and local emergency management (RCW 38.52.04). The Chair is appointed by the Emc and the SSC members are appointed by the SSC Chair. Appointments are by agency who fills those positions. Presently, members are not compensated for their efforts.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>Policy Recommendations 2004 – A report to the Emergency Management Council.</i>
Have you influenced any state or local government policy changes?
<i>Washington Stated adopted the IBC effective Jul 1, 04.</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>IBC Adoption; (2) State Earthquake Hazard Maps; (3) Best Available Science requirement under the Growth Management Act</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<i>We have attempted on numerous occasions to change the SSC to a commission. Pas and current Governor's have reduced the number of commissions and are not accepting initiatives that would allow for a Seismic Safety Commission in Washington. Current Military Department Director has requested we work within the framework and intent of RCW 38.52.04 which authorizes the EMC as an advisory committee to the Governor.</i>
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<ul style="list-style-type: none"> <li>i. <i>Linking the regional seismic net to user groups to include the development of user friendly products</i></li> <li>ii. <i>Mitigation issues such as strengthening school buildings and completing an accurate assessment of their seismic vulnerability and accelerating the Washington State DOT Retrofit Program to include the replacement of critical bridge transportation links</i></li> <li>iii. <i>Securing funding for the SSC members to include staffing and product development and delivery</i></li> </ul>

<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<p><i>Ron Teissere</i>  <i>Phone: (360) 902-1440</i>  <i>Fax: (360) 902-1785</i>  <i>Email: <a href="mailto:ron.teissere@wadnr.gov">ron.teissere@wadnr.gov</a></i></p>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<p><i>i. How to fund the SSC and it an effective organization without legal authorization</i>  <i>ii. How to link SSC initiatives (that are seismic specific) to HLS funds.</i>  <i>iii. How do you link the SSC to the legislative body of the State of Utah</i></p>

<b>1. Name of State Seismic Commission (SSC) or Board:</b>
<i>Western Samoa Territorial Hazard Mitigation Council</i>
<b>2. SSC Status and Activity:</b>
How often did the SSC meet during the last 12 months?
<i>For the last 12 months, the Council met approximately five times.</i>
How is the SSC supported/funded?
<i>The Council is funded by a grant from the Federal Emergency Management Agency.</i>
How broad/large is the active membership (numbers and agencies represented)?
<i>The Council consists of 10 government agencies, two private sector members, and one from the Legislature.</i>
What is the legal status of the SSC; how are members appointed; what is their duration and are they compensated?
<i>The Council was established with an executive order signed by the Governor. The members are appointed by the Lt. Governor/GAR.</i>
<b>3. Recent Achievements (since 2000)</b>
List educational or advisory products produced or facilitated by the SSC.
<i>The latest accomplishment is the Territory Hazard Mitigation Plan submitted to FEMA in FY 2003.</i>
Have you influenced any state or local government policy changes?
<i>It would probably be changes in disaster delivery service, which is coordinated between the Territory and FEMA.</i>
Can you give examples demonstrating successful seismic risk reduction as a result of recent SSC activity?
<i>Seismic outreach to the community is an active annual activity for the Council. This program is implemented by the emergency management office in coordination with the Territory Hazard Mitigation Plan.</i>
<b>4. Marginal or Unsuccessful Initiatives</b>
Are there any examples of initiatives that were not as successful as hoped, that could be instructive for other SSCs? (Describe)
<i>Not really.</i>
<b>5. Current and Future Issues for the SSC</b>
(Describe challenges, opportunities)
<b>6. Current contact information for the SSC (name, ph, fax, email)</b>
<i>Evelyn T. Stevens (POC) 684-733-1055 <a href="mailto:ogesosopo51@yahoo.com">ogesosopo51@yahoo.com</a></i>
<b>7. What topics would you like discussed at the Sept 27 workshop?</b>
<i>It would be programmatic to hold at least two annual earthquake workshops.</i>