

UTAH SEISMIC SAFETY COMMISSION

Meeting
July 9th, 1999

Minutes

On July 9, 1999, a regularly scheduled quarterly meeting of the Utah Seismic Safety Commission was held at the Capitol Building Room 303/305, Salt Lake City, Utah. The meeting was called to order at 9:10 a.m. by the Chairman Walter Arabasz.

Members Present:

-M. Lee Allison	Utah Geological Survey
-Walter J. Arabasz	Chair/Seismic Safety Commission-U of U Seismograph Stations
-James S. Bailey	Allen and Bailey Engineers/Structural Engineers Association of Utah
-Danny Bauer	Governor's Office of Planning and Budget
-Don Bush	Utah House of Representatives
-Peter W. McDonough	Questar/American Society of Civil Engineers
-Earl R. Morris	Utah Division of Comprehensive Emergency Management/DPS
-Steve Pratt	Federal Emergency Management Agency (Ex-Officio)
-Barry Smith	Western Mountain Region, American Institute of Architects

Members Not Present:

Kenneth Bullock	Utah League of Cities and Towns
Craig L. Dearden	Utah Department of Public Safety
James W. Golden	Utah Department of Transportation
Peter C. Knudson	Utah State Senate
Matthias Mueller	Utah Division of Facilities Construction & Management
Randall G. Updike	U.S. Geological Survey (Ex-Officio)

CEM Staff Present:

-Bob Carey	Mitigation & Planning Section, CEM
-John Rokich	Mitigation & Planning Section, CEM
-Lynn Steffensen	Bureau Chief, Operations & Training, CEM
-Amisha Stringfellow	Mitigation & Planning Section, CEM
-Verdi White	Deputy Director, CEM

UGS Staff Present:

-Gary Christensen	Applied Geology Section, Utah Geological Survey
-Barry Solomon	Applied Geology Section, Utah Geological Survey

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Guests Present/Committee Members:

-Parry Brown	Structural Engineers Association of Utah
-Kelly Calden	Structural Engineers Association of Utah
-Roger Evans	Salt Lake City Building Services
-Jan Gibbons	Chair, Schools Subcommittee, Davis School District Emergency Prep. Coord.
-Marv Halling	Utah State University
-Becky House	U of U Seismograph Stations
-Eric Kankainem	HBC Utah Commission
-Brian Law	Davis County Emergency Services, Emergency Preparedness Standing Comm.
-Pat Lewis	Chair, Emergency Management Standing Committee, State Farm
-Karen Mayne	Provo City Police, Emergency Management Standing Committee
-Lorraine Nelms	U of U Seismograph Stations
-David Pierson	Structural Engineers Association of Utah
-Barry H. Welliver	Engineering & Architectural Committee
-Ken Willmore	Willmore Cole & Associates
-Ed Yeates	KSL

Y WELCOME/OVERVIEW

USSC Chairman Walter Arabasz welcomed and thanked everyone for attending the meeting.

Y APPROVAL OF MINUTES

Motion: **Don Bush moved for a motion to approve minutes from the last USSC meeting. Peter McDonough seconded the motion and it was unanimously carried.**

Y ANNUAL ELECTION OF CHAIR

Motion: **Earl Morris made a motion to elect Walter Arabasz for Chairman of the Utah Seismic Safety Commission. M. Lee Allison seconded the motion and it was unanimously approved.**

Y INFORMATION UPDATES

Walter Arabasz thanked Lee Allison for his contributions to the Utah Seismic Safety Commission and the State Earthquake Program for the past ten years.

Motion: **Walter Arabasz made a motion to thank Lee for his hard work and dedication. Don Bush seconded the motion and it was unanimously carried.**

Barry Solomon, Utah Geological Survey, spoke on USSC participation in the Western States Seismic Policy Council "Partners" program. The WSPPC Partners welcomes other non-profit and governmental agencies involved in addressing seismic hazards. WSPPC Partners have a unique opportunity to participate on WSPPC committees and to develop recommendations affecting local, state, and national seismic policy.

Motion: **M. Lee Allison moved for a motion for the Utah Seismic Safety Commission to become an active member of the WSPPC "Partners" program. Dan Bauer seconded the motion and it was unanimously approved.**

Barry also spoke on the nominations for the Western States Seismic Policy Council Awards in Excellence. The USSC has sponsored and nominated the Prepared Schools Program for the WSPPC award. In order to become nominated for this award, the nominee must be a part of a governmental organization.

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Walter Arabasz reported on the Budget Status. Both the carry forward from 1997-1998 and the budget from the legislature have yet to be spent. The fear is that if the money is not spent soon it may be taken away. USSC is looking for guidance on legal matters from the Attorney General's Office on soliciting and receiving funds. In the absence of that guidance, USSC is left to pursue independent fundraising.

Bob Carey, CEM, reported on the HAZUS Data Users Group. On the 12th of July, 99 the Data HAZUS Users Group gathered for a demonstration on how HAZUS works and discussion on data collection, storage facility for data, and data protection. HAZUS is a lost estimation model created by FEMA that uses the data gathered by the data users group to create scenarios of varying magnitudes of earthquakes. From these scenarios, the users are able to estimate deaths, injuries, lost infrastructure, and building damage. Training classes will be provided for those who are interested.

Peter W. McDonough, Questar/American Society of Civil Engineers, reported on the Lifelines Earthquake Engineering Program. The fifth Lifelines Conference will be held August 12th-14th, 1999 in Seattle, Washington. They are expecting a worldwide turnout for this conference.

Both Lee Allison and Gary Christensen reported on the Park City earthquake. On Wednesday, June 30th, 1999 at 9:27 a.m. in the morning four miles west of Park City an earthquake occurred. With only the magnitude of 3.6 it has surprising effects throughout the Salt Lake Valley. One home was damaged at about 21st South and Wasatch Blvd. Also, the possibility of a landslide could have been triggered by the earthquake. Just 21 miles from the epicenter in the northern most gravel pits of the Beck Street series a face of one of the gravel pits failed. It was suspected that the face was about to fail anyway, the earthquake just may have sped up that process.

Y REPORT FROM STRUCTURAL ENGINEERS ASSOCIATION OF UTAH _____

Ken Willmore, SEAU, spoke on Walter Arabasz request for input from SEAU regarding whether there is a need for statewide existing building ordinance. Should regulation be advocated for the seismic retrofitting of certain classes of existing buildings of Utah, given the accelerating growth and development in seismically dangerous parts of the state. The SEAU Committee provided an exclusive summary and also a draft of the Seismic Strengthening of Buildings. See attached.

Y STAUS REPORTS FROM STANDING COMMITTEES _____

Jan Gibbons, Chair, Schools Subcommittee, gave a brief summary for the Education & Awareness Committee and the Schools Subcommittee. The chair for E & A has resigned and the interim chair will be Bob Carey. The Schools Subcommittee distributed posters and binders to all the schools throughout the state. Then they had Governor Leavitt sign a declaration declaring the month of April the School Earthquake Disaster and Preparedness Month. After achieving required drills the participating schools received a Certificate of Completion and bookmarks for each student within that school. Out of 750 public schools and 100 private schools only 80 schools participated and all of Jordan School District. For the next school year the committee is working on having workshops for school districts that are going to teach them how to develop emergency response plans. The participants will be given a disk with a sample plan on it. The E & A Committee is talking about the possibility of a shake van and a possible poster contest for a calendar.

James S. Bailey, SEAU, reported on the Engineering and Architecture Committee updates. The big issue is to improve quality control on new school construction throughout the state. They are pushing to have an independent review of the building design plan by a structural engineer at 90% completion for all new school construction over \$300,000 to check if seismic requirements have been met.

Gary Christensen, Utah Geological Survey, reported on the Geological Science Committee updates. The Geological Science Committee has formed a subcommittee which includes any members that are interested and any representatives from cities, counties, and associations of governments.

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Peter W. McDonough, American Society of Civil Engineers, spoke on the Lifelines updates. The Lifelines Committee consists of 4 to 5 people and the direction that they have been heading towards is to collect data from municipalities throughout the state. This is used to get a better feel for what could happen to certain infrastructure during earthquakes.

Y REPORTS FROM LUNCH BREAKOUT GROUPS

James S. Bailey reported from the Engineering and Architecture group. This group is hoping for support of the adoption of the UCBC 2000 (Uniform Code for Building Conservation) by the Uniform Building Code Commission. The UCBC will meet on July 20th, 1999, to consider the use of this document in their first public hearing. The SEAU Committee will continue to study the UCBC 2000 document for assurance that there are no changes they are wanting to make on the document. Hoping also that the USSC will take steps to organize an Ad Hoc Committee that will support the UCBC 2000 document and also the can make modifications if necessary.

Motion: James S. Bailey made a motion for the USSC support moving forward on adoption of the UCBC 2000 document by the Uniform Building Code Commission. Walter Arabasz is to write a letter to the Uniform Building Code Commission in support of the UCBC 2000. Barry Smith seconded and the motion was unanimously carried.

Motion: Walter Arabasz made motion that Barry H. Welliver be designated as an organizer of an Ad Hoc Committee and work together with USSC to organize a committee. With the intent to promote the adoption of the UCBC 2000 and enlarge the consideration as needed. Barry Smith seconded the motion and it was unanimously approved.

Bob Carey reported from the Awareness and Emergency Management group. This group had a lengthy discussion on the HAZUS program. This program is being developed in Salt Lake County and hoping to move statewide as it relates to the earthquake prone counties. The discussion in the group also included the means by which to acquire this data and developing partnerships with members of communities. One other discussion item was the Awareness and Education Committee will probably be doing a couple of projects within the next year. For promotion of awareness within the schools, they are going to be organizing a poster contest that will then be published as a calendar. They are also hoping for funds to promote a shake van.

Gary Christensen represented the Geological Science group. They are hoping for the commission to provide guidelines and information for local governments to use produce geological hazards. Also looking into holding a Geological Hazards Conference next year. Another ongoing issue is providing geological hazards and earthquake hazards information to professional organizations that need it.

Y WRAP-UP OF COMMISSION BUSINESS

Walter Arabasz spoke on the Report to Legislature for 1996-1999. Two items for consideration is the spending that is allowed from the budget for the actual report and an intern to help with the report. The intern may possibly work on the report, on HAZUS, the web page, and lifelines projects. Walter suggested that \$3000 goes to Utah Geological Survey and \$3000 goes to Comprehensive Emergency Management to hire interns for each and reserve the rest for the an item in the next USSC Meeting.

Motion: Walter Arabasz made a motion for funds available from the budget, that \$6000 goes towards hiring an intern to commit to working on commission projects. Danny Bauer seconded the motion and it was unanimously approved.

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Y NEXT MEETING _____

DATE: **Friday, October 8, 1999**

TIME: **9:00 a.m. 11:00 a.m.**

PLACE: **State Office Building**
 Salt Lake City, Utah

Y ADJOURNMENT _____

The meeting was adjourned at 2:40 p.m.