

# Utah Seismic Safety Commission

Meeting  
October 24, 2003

## Minutes

On October 24, 2003 a regularly scheduled quarterly meeting of the Utah Seismic Safety Commission was held at the State Office Building, Salt Lake City, Utah. Chairman Barry Welliver called the meeting to order at 9:00 a.m.

### **Members Present:**

-Rick Allis	Utah Geological Survey
-Walter J. Arabasz	U of U Seismograph Stations
-Kerry Baum	Association of Contingency Planners
-Scott Behunin	Utah Division of Emergency Services/DPS
-Don E. Bush	Utah House of Representatives
-Carl Eriksson	Utah League of Cities & Towns
-Cathy Howick	Utah Insurance Department
-Peter W. McDonough	American Society of Civil Engineers
-Matthias Mueller	Utah Division of Facilities Construction & Management
-Dave Nazare	Utah Department of Transportation
-Barry Smith	Western Mountain Region, American Inst. of Architect
-Barry H. Welliver	Chair, Structural Engineers Association of Utah

### **Members Not Present:**

Jake Arslanian	American Public Works Association
Doug Bausch	Federal Emergency Management Agency (Ex-Officio)
Michael Keene	State Science Advisor, Governor's Office of Planning & Budget
Peter C. Knudson	Utah State Senate
Mark Petersen	U.S. Geological Survey (Ex-Officio)

### **CEM Staff Present:**

-Bob Carey	Operations & Natural Hazards Section, DES
-Amisha Lester	Operations & Natural Hazards Section, DES

**UGS Staff Present:**

-Gary Christenson                      Geologic Hazards Program, Utah Geological Survey

**Guests Present/Committee Members:**

-Darlene Batatian                      Salt Lake County  
-Jim Higbee                              UDOT-Legacy Parkway Team  
-Ken Kraudy                              Sandy City  
-Jane Zhang                              USOE

➤ **WELCOME/OVERVIEW**.....

Utah Seismic Safety Commission (USSC) Chairman Berry Welliver welcomed and thanked everyone for attending the meeting.

➤ **APPROVAL OF MINUTES**.....

Barry Welliver asked for any corrections and comments to the minutes.

**Motion:** *Carl Eriksson made a motion to approve the minutes from the last meeting held on July 18, 2003. Barry Smith seconded the motion and the minutes were unanimously approved.*

➤ **INFORMATION AND UPDATE ITEMS**.....

Barry Welliver, Rick Allis, & Bob Carey reported on the Western States Seismic Policy Council (WSSPC) Conference. The next WSSPC Conference is hoping to have a broader appeal for all conference attendees, including more geosciences. This year's conference brought in several different presentations dealing with mitigation. One in particular dealt with the pre-disaster mitigation planning program. DES has received 7 county draft pre-disaster mitigation plans. The first year funding has already been earmarked by FEMA for repetitive loss structures. Utah has submitted a project for 2003 for the retrofit of the University of Utah Marriott Library, which will cost nearly 57 million dollars.

Another issue that was discussed at this year's WSSPC Conference was the Basin and Range Seismic Hazard Summit. This will be a meeting of geoscientists and emergency managers in Reno, Nevada in May 2004.

For the WSSPC awards this year, 20-25 applications were submitted and only 10 were given. The overall winner was a brochure on being prepared that was produced as a result of the Nisqually earthquake in Washington. A couple of million were distributed for free.

The Commission should set a target date for nominations for awards at next year's WSSPC conference.

Barry Welliver reported on the Structural Engineers Association of Utah (SEAU) Emergency Response Seminar. The SEAU Emergency Response Seminar was held on October 16, 2003. A follow-through seminar will be held within the coming months.

Gary Christenson spoke on the February 2004 Utah Earthquake Conference. The Conference will be held on February 26-27, 2004. Working groups will meet on February 27<sup>th</sup>. General earthquake session will be held the entire day of the 26<sup>th</sup>. This conference will be mainly geoscience related.

Bob Carey updated us on the student grant program. 850 invitations were sent to all public and private school science departments. Several proposals have been returned and will begin work on each project.

Rick Allis requested USSC support for teacher workshops on earthquakes. The proposal for the teacher workshops is to have 5<sup>th</sup> grade teachers to attend for a total of 16 contact hours over two Saturdays.

Carl Eriksson will follow-up with Jake Arslanian and North American Public Works Association to fill his position on the Commission.

➤ **2003 BUDGET REPORT**\_\_\_\_\_

Gary Christenson gave a brief update on the 2003 budget. The 2 largest expenditures were the publication of the color ground shaking brochure and the student grant program.

➤ **SEPTEMBER 4<sup>th</sup> MEETING RESULTS**\_\_\_\_\_

Walter Arabasz gave a presentation on the matrix meeting that was held on September 4, 2003. The matrix meeting focused on reshaping and rethinking issues within the Commission. Reconstructing and re-tasking the committees with important action items will then engage them with a common cause. A focus on the program HAZUS can become part of the framework. Another meeting will be held before the January 16, 2004 USSC meeting to further define issues and actions for 2004.

➤ **EXISTING BUILDINGS-DOCUMENTING SUCCESSES**\_\_\_\_\_

Barry Welliver gave a report on existing buildings issues. First he discussed the project goals, which include encouraging the seismic retrofit of older existing buildings, building support for mitigation of dangerous buildings, and bringing together allied organizations to build consensus. He then described a booklet or brochure showing successful retrofit projects in Utah, and discussed requirements to inventory, study/review information, assemble status reports, and develop the brochure. Procedures are to follow with a scheduled timeframe.

➤ **UTAH HAZUS LOSS ESTIMATES**\_\_\_\_\_

Bob Carey gave a brief update on HAZUS issues. Bob gave handouts reporting on unreinforced masonry compared with reinforced masonry and a table on structural building classifications (model building types).

➤ **PLANNED 2004 EXPENDITURES**\_\_\_\_\_

The Commission held an open discussion on how to spend the 2004 Commission money. The Commission would like to support the teacher workshops on earthquakes by donating \$1300 towards to cause. The Commission would like to spend part of the 2004 money towards ground-shaking maps for building officials. Information for the maps is to be discussed at the next USSC meeting. The Commission needs to keep in mind where and how they would like to spend other 2004 money and discuss this in the next USSC meeting.

**Motion:** *Walter Arabasz made a motion to grant \$1300 to the Utah Geological Survey to help support teacher workshops on earthquakes. Dave Nazare seconded the motion and it was unanimously approved.*

➤ **NEXT MEETING**\_\_\_\_\_

**DATE:** Friday, January 16, 2004  
**TIME:** 9:00 a.m. to 12:00 p.m.  
**PLACE:** Alcoholic and Beverage Commission Warehouse  
1625 South 900 West  
Salt Lake City, Utah

➤ **ADJOURNMENT**\_\_\_\_\_

The meeting was adjourned at 11:00 a.m.