



# State of Utah

## DEPARTMENT OF PUBLIC SAFETY DIVISION OF COMPREHENSIVE EMERGENCY MANAGEMENT

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Lorayne Frank  
Director

### Utah Seismic Safety Commission

#### *Quarterly Meeting*

November 28, 1994

State Office Building, Room 1112

#### **Corrected Meeting Minutes**

#### Members Present:

Chairman, Les Youd  
Lee Allison  
Walter Arabasz  
James Bailey  
Lorayne Frank  
Bill Juszack  
Suzanne Winters

Professor, BYU Civil Engineering Department  
Director, Utah Geological Survey  
Director, University of Utah Seismograph Stations  
Structural Engineers Association of Utah  
Director, Comprehensive Emergency Management  
Division of Facilities Construction and Management  
Science Advisor, Governor's Office of Planning and Budget

#### Members Excused:

D. Douglas Bodrero  
Ken Bullock  
James Golden  
Larry Naccarato  
Barry Smith  
Craig A. Peterson  
Clark Reber

Commissioner, Department of Public Safety  
Director, Utah League of Cities and Towns  
Director, Department of Transportation  
Division of Facilities Construction and Management  
Western Mountain Region American Institute of Architects  
Utah Senate  
Utah House of Representatives

#### CEM Staff Present:

Nancy Barr  
Don Cobb  
John Rokich  
Judy Watanabe

State Floodplain Manager, Natural Hazards Section  
Bureau Chief, Natural & Technological Hazards  
Manager, Natural Hazards Section  
Planner, Natural Hazards Section

#### UGS Staff Present:

Gary Christenson  
Janine Jarva

Applied Geology Manager, Utah Geological Survey  
Senior Geological Technician, Utah Geological Survey

#### Others Present:

Lee Siegel

Salt Lake Tribune



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Chairman Les Youd called the meeting to order at 9:05 and welcomed everyone to the meeting. Les asked the Commission to review the minutes from the last meeting.

<b>Motion:</b>	<b>Approve minutes from last meeting</b>
<b>Moved by:</b>	<b>Lee Allison</b>
<b>Seconded by:</b>	<b>Bill Juszack</b>
<b>Motion carried:</b>	<b>Passed by a quorum of the Commission</b>

Les reminded the Commission about the EERI meeting Nov. 29 & 30, 1994, at the Airport Hilton. Les will be speaking at the meetings representing the USSC. He will give a presentation on the goals of the USSC, the strategic plan, and the seven prioritized strategies.

Les and some of the Commission members made a presentation to the State and Local Affairs Interim Committee (SLAC) on the USSC's strategic planning document. Les felt that the meeting went very well. The SLAC seemed interested in the document.

**STEPHENS BILL:**

Lorayne Frank informed the Commission that State Representative Nora Stephens is looking at introducing an emergency management trust fund bill. This bill is modeled after the Florida bill that was passed after Hurricane Andrew. The bill applies a surcharge on every home owners insurance policy which then goes into a trust fund. 60 percent of that fund goes to local emergency management organizations to enhance programs, personnel, or training. Another 20 percent of the fund is used for non-federal declared disasters. The final 20 percent goes to regional agencies, local governments, and private organizations for projects that further state and local emergency management objectives. Grants and low-interest loans would be available to business for uninsured losses resulting from a disaster. There are specific criteria to be eligible for funding. Lorayne showed the Commission a video on the bill. Stephens proposal has not yet been drafted. It is an open file bill at the Legislative Research and General Counsel Office.

Jim Bailey asked if CEM would administer the funds, if the bill was passed. Lorayne answered that CEM is the final approval authority for Damage Survey Reports, however the Department of Community Affairs would handle the financial aspects.

Lee Allison said that we could have direct input into drafting this bill and tailor it to Utah's needs. He asked if we could offer our services to Representative Stephens to help draft this bill.

Walter Arabasz liked the Stephens bill for the education element. He said that ultimately everyone in the State is at risk. The possibilities of maintaining long-term posture for addressing issues is very appealing in this bill.

<b>Motion:</b>	<b>The USSC will offer the legislature their services in drafting Representative Stephens legislation</b>
<b>Moved by:</b>	<b>Lee Allison</b>
<b>Seconded by:</b>	<b>Jim Bailey</b>
<b>Motion carried:</b>	<b>Passed by a quorum of the Commission</b>

Les instructed the UGS and CEM staff to start compiling a draft of the bill to be given to the USSC for review. He also instructed the staff to contact Representative Stephens to inform her of our intended services.

Lorayne Frank suggested writing a letter to Representative Stephens, to have one on file.

Walter Arabasz suggested Faxing early drafts of the bill to the Commission to make progress in a timely manner.

Lee suggested drafting the bill with enough flexibility to be inclusive of the things we want done.

Suzanne suggested we define the bill strictly enough so that the needs are identified, but flexible enough to evolve over time.

Les said that the Stephens Bill could be the mechanism for funding many of our priorities, studies, etc.

Les went through the seven strategies and said that most of them would fit under the Stephens Bill.

#### **STRATEGIC PLANNING DOCUMENT:**

Walter said that Larry Reavley took strong exception to not having a strategy that is specifically aimed at buildings. Gary Christenson drafted a new strategy for the plan that defines appropriate seismic design coefficients for buildings.

Jim Bailey wants to take this new strategy to the Structural Engineers Association of Utah for comment and input.

Lee said that UGS drafted this strategy based on suggestions from Larry Reaveley. The language and comments are from UGS and may not be what Larry had in mind. Another point Lee made was that this strategy is not an attempt by UGS to find another mechanism to create seismic zone 4 standards.

Les Youd mentioned that a product of this strategy would be a new deep acceleration map or

seismic hazard map for Utah.

Gary Christenson said that the intent of this strategy is to consciously look at all this new information with a respect to buildings, and use this information as a guideline for safe and economical earthquake design for new buildings.

Les gave Jim Bailey one month to receive comments and input from the SEAU.

Lee Allison brought up another point made by Larry Reavley regarding the strategy 1.5, Disclosing Geologic Hazards in Real Estate, and suggested adding structural vulnerability to that strategy.

Walter Arabasz said that the Utah Association of Realtors has a voluntary disclosure form which includes geologic hazards. If the Utah Association of Realtors has addressed this issue, then we could elaborate, otherwise we wouldn't want to handle this issue. Walter suggested that the Commission look at this issue at a later date after some research into the Utah Association of Realtors' stand on this potential strategy.

#### **IMPLEMENTING THE PLAN:**

Les Youd asked the Commission who should receive a final copy of the strategic plan.

The Commission suggested: professional group leaders, legislators, local planners, local government at the county level and city governments along the Wasatch Front, and major industries.

Suzanne suggested that a letter be sent to all major industries in Utah informing them that the strategic plan is available by request.

Lee suggested that principal federal agencies be given a copy of the plan since they have such a vital role in this state and the GSA probably owns more real estate and buildings than the state does. The GSA has to meet local hazard design specifications for its buildings.

Walter asked if we should include libraries on our distribution list.

Suzanne suggested that libraries not be included on the distribution list because the general public would not be interested in this document.

Suzanne also said that the Commission should take a proactive role in getting some of the strategies implemented, i.e. speaking engagements at school boards.

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Les instructed the Commission to bring ideas, to our next meeting, on how to implement the plan.

Walter suggested that the Commission be very selective with our promotion tactics. A shotgun approach could be detrimental.

**STRONG-MOTION INSTRUMENTATION PROGRAM:**

Jim Bailey asked Lee Allison what happened to the strong-motion instrumentation program?

Lee responded saying that a building block increased our base budget \$75,000 a year. The Legislature looked at declining revenues in the UGS budget and re-allocated that money to keep existing programs running. \$50,000 is left in one time monies to purchase 6 or 7 instruments with the understanding that the USGS will install, maintain, and operate the instruments.

Les proposed returning the program back to the original scale. Maybe this could be a Commission issue for next year.

**STATE SCIENCE COUNCIL MEETING:**

Suzanne asked Lee to come and talk about the strategic plan to the SSC sponsored Science Day at the Legislature, December 8, 1994. She wanted Lee to discuss the zone 3 and zone 4 issue. But Lee said that this issue is such a debated issue that to bring it up now would take the emphasis off of the plan. Lorayne Frank and Jim Bailey expressed their interest in attending.

**EX OFFICIO MEMBERS:**

Les mentioned that the USGS expressed interest in becoming a part of the USSC. He asked the Commission about their feelings on having the USGS and FEMA as ex officio members of the USSC.

Lorayne said that she would discuss this with FEMA.

**Motion:** USGS and FEMA be invited to be exofficio members of the  
USSC

**Moved by:** Lee Allison

**Seconded By:** Lorayne Frank

**Motion carried:** Passed by a quorum of the Commission

**STAFF INVOLVEMENT:**

Les said that the Commission is very pleased with the work the UGS and CEM staff have done so far.

**RETIRING INACTIVE MEMBERS:**

Les said that Representative Reber won't be a member of the Legislature this coming year. We need to request the Legislature to designate a new member.

Walter suggested that a letter be sent to those members who have not been actively participating in the Commission to designate an alternative member.

**NEXT MEETING:**

Lee Allison proposed discussing forming standing committees to bring to the Commission a broader range of expertise.

Walter suggested inviting Representative Stephens to the next meeting.

Next meeting is scheduled for Tuesday, January 10, 1995 at 9:00 a.m. at the Capitol, Room 225.

Meeting was adjourned at 11:15 a.m.