

Structural Engineers Association of Utah

Seismic Committee Meeting

June 16, 1999

Minutes

A scheduled meeting of the Seismic committee of the Structural Engineers Association of Utah was held at The Sizzler restaurant in Bountiful on June 16, 1999 beginning at 11:30 AM.

Members Present: Ken Willmore (Chairman), Barry Welliver (Secretary), Carl Erikson, Kent Rich (represented by Dave Pierson), Mark Harris,, Jeff Miller,

*Members Absent/
Excused:* Ron Dunn, Kelly Calder, Leon Tanner, Steve Powell

Others Present Jim Bailey (SEAU contact for USSC), Brent Maxfield

*Existing Buildings
Report:* Ken Willmore started by summarizing the responses he had received to our position paper outline. He noted that our goal would be to provide an interpretation of existing code regulations and provide recommendations for seismic upgrading.

Carl Erickson provided an overview of the UBC regulations pertaining to existing buildings. He noted that Appendix Chapter 34, Division III - REPAIRS TO BUILDINGS AND STRUCTURES DAMAGED BY THE OCCURRENCE OF A NATURAL DISASTER is not presently adopted within the state. Carl also provided a proposal in the form of an exception to UBC section 1630.2 Static Force Procedure, allowing for a reduction in the total base shear for existing buildings being structurally upgraded. A discussion regarding this suggested that the provision might be appropriately placed in Chapter 34 .

Jeff Miller provided a review of the FEMA 178 and 310 documents. Additionally, he described the basis of the FEMA 273 manual and it's force levels.

Discussion continued about the parapet ordinance and the applicable codes, manuals and other documents to be used for seismic rehabilitation work. Suggestions about the use of multiple code options were put forth.

Continuing concern was expressed about the need to include government buildings as well as schools in the existing buildings category.

Next Meeting: To accommodate the intended schedule, it was determined that two additional Seismic committee meetings would be needed before the July 9th USSC meeting. The next meeting will be a regularly scheduled meeting to be held at the Sizzler restaurant on June 29, 1999 beginning at 11:30 AM. The following meeting will be July 6th, 1999 at 11:30 AM.

Adjournment: This meeting was adjourned at 1:21:08PM.

Submitted by: Barry H. Welliver, Secretary