

Structural Engineers Association of Utah

Seismic Committee Meeting

September 12, 2000

Minutes

A scheduled meeting of the Seismic committee of the Structural Engineers Association of Utah was held at the office of Willmore / Cole in Bountiful on September 12, 2000 beginning at 10:00 AM.

Members Present: Ken Willmore (Chairman), Barry Welliver (Secretary), Dave Pierson, Leon Tanner, Don Barfuss.

Members Absent/ Carl Eriksson, Kelly Calder

Excused:

Review Agenda Items from August 15th No items

Report on Code changes to the IBC 2000 (to date) Carl not available for report.

Review of IBC Sections 1618, 1619, 1620, and 1622

Section 1618.1.1 Modeling

For irregular structures ~~without independent orthogonal systems~~

(The need to segregate this particular system definition was deemed confusing and possibly unnecessary)

1618.4 Model base shear

(Definition of w_i to match section 1617.4.1 item 4 for design roof snow load)

w_i = Item 4. Twenty percent of design flat roof snow load ~~where the flat roof snow load exceeds over~~ 30 pounds per square foot (1.44 kN/m²).

(Bracketing for V_t lower and upper bound)

1618.10.3.1 Non linear time-history

Time-history analysis shall not produce lower force levels than response spectral analysis

(Due to lack of horizontal ground motion history for Utah, do not allow Time-history)

Adjournment: Discussions regarding other sections produced no substantive recommended changes. This meeting was adjourned at 12:45:08PM.

Submitted by: Barry H. Welliver, Secretary