



Damping Ratio = 5%

Note:  $M_w = 8.0$ , Dist. 12.7 km, estimated Average  $V_{s30} = 340$  m/s

BLOCKS 29-32

MISSION BAY

San Francisco, California

COMPARISON OF DETERMINISTIC, PROBABILISTIC  
AND CODE SPECTRA FOR BLOCK 32

Date 12/13/11

Project No. 750603902

Figure E-29

**Treadwell & Rollo**  
A Langan Company