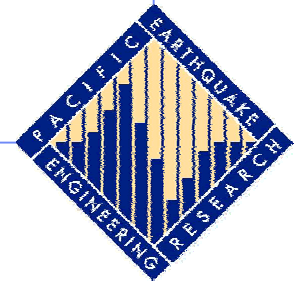

Session IVb

Managing seismic risk to California's Delta levees and its impact on California's economy



2006 PEER Annual Meeting

Session IVb – Managing seismic risk ...

- ◆ Professor R. B. Seed, UC Berkeley
 - Levee lessons from New Orleans
- ◆ Dr. Leslie F. Harder, Jr., CA DWR
 - The Sacramento-San Joaquin Delta
- ◆ Dr. Marty McCann, JR Benjamin & Assoc.
 - Seismic risk analyses for the Delta
- ◆ Panel discussion on application of PEER research to seismic problems in the Delta.

Session IVb – Managing seismic risk ...

- ◆ Examples of PEER & PEER Lifelines research that applies to seismic problems in the Delta.
 - PEER framing equation & methodology
 - Next Generation Attenuation (NGA)
 - Incorporating site response in PSHA
 - Probabilistic slope & ground deformations
 - Probabilistic liquefaction correlations
 - Numerical modeling of liquefaction deformations
 - Network systems seismic risk & reliability
 - Propagation of uncertainty in a network & spatial correlation of ground motions
 - Geotechnical Virtual Data Center
 - Emergency response
- ◆ Impact & legacy of PEER products – opportunities where application adds great value.

Session IVb – Managing seismic risk ...

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