

Session 4D: Paper no. 192 by K. L. Lee & H. Walters

Discussion by: N. N. Ambraseys

Professor Lee, the Dry Canyon Dam is, I think, more than 80 kilometres from Taft and we know that ground motions, even on identical foundation materials, are substantially different. Would you agree, therefore, that the 5% axial strain criterion you propose is as good as your assumption for a 15%g input with the Taft time-history? In other words, would you agree that your input is hypothetical

I am sure you are aware that in 1929 and 1930, without the help of an earthquake this time, Dry Canyon Dam was again in trouble. Small wonder, therefore that it slumped in the Kern County earthquake of 1952.