

RDB received 4/6/05

Comment on DG-1127, 2/2005, Combining Modal Responses and Spatial Components in Seismic Response Analysis

Consider clarifying how the 100-40-40 rule may be used in conjunction with determining geometric resultant responses using SRSS.

An example might involve a concern with sliding of foundations, where friction is a concern. For this example 100% of the vertical acceleration is used and a resultant horizontal acceleration determined by SRSS of 40% of the two horizontal accelerations.

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Att = T.Y. Chang (TRC)