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1 September 2006

Professor Harry Yeh Civil, Construction & Environmental Engineering 220 Owen Hall Oregon State University Corvallis, OR 97331-3212

Dear Harry:

One of the most important things that should be decided in regard to tsunami mitigation at a specific site is the type of runup that is likely to occur. Runup/inundation maps are being developed, but what type of runup? Will the tsunami move onto shore like a fast rising tide, a bore, or a surge? Are there enough data available at a particular site to judge this? Or, if the local authorities must make a decision in regard to a building code, or the issuance of a building permit, do they have to assume the "worst case"? If so, which is the worst case? Are there quantitative information on this?

Sincerely yours

Robert L. Wiegel

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