



Memorandum

Date: July 11, 1997
 To: Program Coordination Team
 From: Steve Yaeger *Steve*
 Subject: Delta Levee System Integrity Seismic Risk Approach

The CALFED Bay Delta Program has included Delta levee seismic risk evaluation as one element of the Delta Levee System Integrity Common Program. This element will identify the risk to Delta resources during catastrophic seismic events and develop recommendations to improve stability of Delta levees. The information developed from this effort will be used to refine actions in the proposed alternatives and assist in selection of the preferred alternative. We are developing an approach to include agency and stakeholder participation for addressing the seismic concerns surrounding the Delta levee system. Attached is a general outline of our approach for your review and comment. We are particularly interested in your suggestions for agency and stakeholder participation.

Attached are draft questions related to the performance of the Delta levee system during seismic events. There are several policy level and technical questions to focus CALFED discussion and assist with future decisions on proposed alternatives. The technical questions will be addressed in a report being produced by the Department of Water Resources Division of Engineering. This report will be presented to the Delta Levee Consulting Board for concurrence. The seismic susceptibility sub-team will prepare a summary of the report and recommendations of the consulting Board for CALFED policy level review. The program is requesting review of all the questions and identification of others which we may have omitted. The responses to these questions will be used to develop specific actions for Delta levee seismic performance. These recommendations will be closely integrated with Ecosystem Restoration Program Plan and Delta conveyance actions to simultaneously reduce system vulnerability, increase ecosystem quality, and protect water quality and water supply reliability.

If you have any questions or would like to participate on the seismic susceptibility sub-team, please contact Victor Pacheco at 657-2666.

CALFED Agencies

California

The Resources Agency
 Department of Fish and Game
 Department of Water Resources
 California Environmental Protection Agency
 State Water Resources Control Board

Federal

Environmental Protection Agency
 Department of the Interior
 Fish and Wildlife Service
 Bureau of Reclamation
 Department of Commerce
 National Marine Fisheries Service