



**CALFED
BAY-DELTA
PROGRAM**

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June 19, 1996

William (B.J.) Miller
P.O. Box 5995
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Subject: Delta System Integrity

B.J.
Dear ~~Mr. Miller~~:

Your recent letter discussing Delta System Integrity - specifically levees overlying liquefiable soils - raised some important points.

We are acutely aware of the seismic risk of failure issue as it relates to Delta levees and of the liquefaction component of that risk. During the conceptual planning in Phase I we are defining the scope and range of the analysis which will be performed in Phase II. The detailed analysis of seismic risk (including potential liquefaction) and mitigation of the risk for each alternative will be analyzed in Phase II of the CALFED Bay-Delta Program.

The present proposal for the Phase II Alternatives includes analysis of a Dual Conveyance Facility with an isolated conveyance component which ranges in capacity from 5000 cfs up to the physical capacity of the Projects. Additionally, an alternative utilizing existing conveyance systems and a third alternative utilizing Through Delta conveyance will be analyzed. Consequently, we believe that the seismic risk and potential failure of the Delta water supply system from liquefaction that you allude to in your letter will be adequately analyzed and displayed during the Phase II analysis. We expect that this subject will be one of the topics of a future workshop.

Thank you for your interest in and continued support of the Bay-Delta Program.

Sincerely,

Lester Snow
Executive Director

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