



GENTERRA CONSULTANTS, INC.

ENGINEERING AND GEOTECHNICAL SERVICES

Emergency Action Plans EAP's

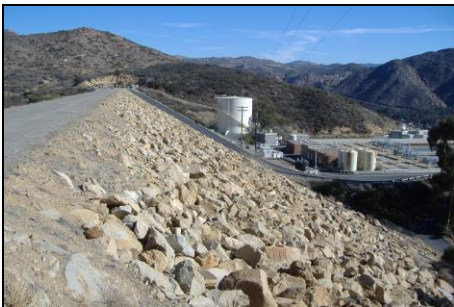


GENTERRA Consultants, Inc. provides specialized consulting services for the design of new and modified dams and reservoirs, for the inspection and evaluation of existing dams, and for the design of rehabilitation and repairs of dams and appurtenances. GENTERRA's key personnel have extensive experience in all aspects of dams and reservoirs, including the planning, investigation, design, analysis, inspection evaluation, repair, construction, operation, maintenance, monitoring, and coordination of reviews with State, Federal, and local regulatory agencies. **Since 1995, GENTERRA has provided services on more than 155 dams.**



Emergency Action Plans (EAPs) are a major part of the development and implementation of a dam safety monitoring program. GENTERRA assists in generating EAP's that include the following sections:

- Inundation Maps
- Notification Flow Chart
- Emergency Detection, Evaluation, and Classification
- Responsibilities
- Preparedness
- Appendices



GENTERRA closely follows the guidelines set forth by the Federal Emergency Management Agency (FEMA) in the *Federal Guidelines for Dam Safety: Emergency Action Planning for Dam Owners* to confirm that all EAPs are uniform in format and easily comprehended in the event of an emergency scenario. The firm is also proficient in the requirements called out by the Federal Energy Regulatory Commission (FERC) regarding EAPs. GENTERRA personnel have served in various capacities during potential failure modes analyses (PFMA's) for hydroelectric power dams.



GENTERRA is the dam safety engineering consultant for several dam owners, including water districts, flood control districts, cities, and counties. GENTERRA has assisted them in the development of EAP's for their dams.

GENTERRA has the full capabilities to address any deficiencies or additional studies as a result of the evaluations, including field investigations and laboratory testing; hydrologic and hydraulic analyses; seismic stability and seepage issues; and development of design plans, specifications and construction cost estimates. A statement of qualifications can be submitted upon request.

For information, please contact Joseph J. Kulikowski, P.E., G.E., President & Senior Principal Engineer, at (949) 753-8766 or by e-mail at joekul@genterra.com.

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