Federal Energy Regulatory Commission Dam Safety Conference

California’s Dam Safety Program

December 5, 2008

David Gutierrez, Chief
CA Division of Safety of Dams
California’s Dam Safety Program

The California Water Code entrusts this regulatory power to the Department of Water Resources which delegates the program to the Division of Safety of Dams (DSOD).

DSOD Mission:
- To protect against loss of life and property from dam failure.
- [http://damsafety.water.ca.gov](http://damsafety.water.ca.gov)
1250 Dams
Under the Jurisdiction of the
Division of Safety of Dams

Those jurisdictional dams regulated by FERC are shown in blue.

Nation’s Highest Hazard List
Due to their size and proximity to major population centers.
Extreme Hazard Dams in California

Oroville Dam

New Bullards Bar
Calaveras Dam Remediation

View of the upstream failure of hydraulic fill in 1918. The dam was rebuilt and heightened by the addition of compacted fill.
California’s Dam Safety Program

- Monitoring of dams (annual inspections)
- Construction, alteration, and repair reviews
- Construction supervision
- Review instrumentation on dams
- Reevaluations/special projects
- Federal dam reviews
- Emergencies
Evaluations, Design Reviews and Inspections
CA DSOD – FERC Cooperation

- PFMA’s
- Coordination with dam owners
- Development of national guidelines
- Dam owner workshops – Western Forum/ASDSO conference workshop
- EAP’s
- Dam security