Dam Safety Board Update
December 15, 2020
Dam Safety Board Update

• Presentation Overview:
  • Dam Safety Update (highlights)
  • Increased Regulatory Requirements
  • Proposed Resolution
Owners Dam Safety Program

- The ODSP covers 28 TID dams & dikes
  - Don Pedro (5)
  - La Grange (1)
  - Dawson (3)
  - Turlock Lake (18)
  - Hickman (1)
• All TID dams remain in acceptable condition for continued operation *

*Upper Dawson Dam under operational restrictions
• Don Pedro Dam
  • Recently completed:
    • EAP Functional Exercise, Powerhouse rock fall mitigation
  • In progress:
    • Spillway Improvements (training wall buttress, new instruments, buoy line, chute maintenance repairs)
    • Emergency Action Plan revisions (Cal-OES 3rd submittal)
    • 5-Year Independent Consultant inspection (2020-2021)
Dam Safety Update

• La Grange Dam
  • Tunnel & Forebay de-watering project (in progress)
  • P12 - 21 recommendations, new DSSMP/R, STID updates, stability analysis (2022)
Dam Safety Update

- Upper Dawson Dam and Spillway
  - Spillway Capacity (original design issue)
  - Interim operational provisions in place
  - Capacity improvements (2021 capital)
  - Working around early irrigation and other CE UMC projects
Dam Safety Update

- Turlock Lake / Lower Dawson / Hickman
  - Dam Rehabilitation Design in progress (drilling investigation)
  - Rodent / Vegetation / Cattle Mitigation efforts
Increased Regulatory Requirements

- Cal-OES new oversight (DP, TL EAPs)
- CA DSOD fees (working with Josh W, CMUA)
- FERC new guidelines on risk, new requirement every 5 years for high hazard dams
- FERC new security division, working with Jason H on best plan for compliance
Proposed Action:
Adopt a Resolution Reaffirming TID’s Ongoing Commitment to Dam Safety and the Expectation for Those Parties Responsible for Dam Safety