

FERC Dam Safety / Licensee Training Program

Agenda

Day 1

1. Introductory remarks
2. Owner Dam Safety Program (ODSP)
3. Introduction to Hydro Dams
4. Introduction to Dam Safety
5. Potential Failure Mode Analysis (PFMA)
6. Concrete Gravity Dams. Scour & Undermining
7. Buttresses Dams
8. Embankments: Piping vs Internal Soil Erosion
- 9 Embankments: Swinging Bridge Incident
- 10 Access Roads under Floods

Day 2

11. Gates, Flashboards, Gate Structures
12. Canals and Forebays
13. Penstocks & Tunnels
14. Performance Monitoring
15. Visual Surveillance & Instrumentation Monitoring
16. Selecting a P-12 Consultant