

OWNER'S DAM SAFETY PROGRAMS (ODSP)

Owner's Dam Safety Program – What do we want to see?

1/29/2007

1. Overall description of dam safety program including an organization chart
2. Identification of the person in the owner's organization that is responsible for dam safety
3. Specific Activities in a Dam Safety Program
 - a. Operation and maintenance of projects
 - b. Collection and evaluation of Surveillance and Monitoring information and data
 - c. Inspection Program including Part 12D Independent Consultant inspection
 - d. Identification, Planning, design, and construction of dam safety improvements and modifications
 - e. Emergency Action Plans including collaboration with local emergency managers
 - f. Project security
 - g. Compliance with FERC dam safety regulations, guidelines, and license requirements including the Reporting of Safety Related Conditions at projects (12.10(a) reporting)
4. Organizational Responsibility for the following:
 - a. Approval of budgets and expenditures for dam safety and maintenance
 - b. Listing of organization elements involved with project safety
 - c. Project shutdown for safety related events and incidents
 - d. Training to insure operation staff understands the relationship between project safety and collection and evaluation of SMP.
5. Minimum Elements of an Acceptable Program
 - a. Clear designation of responsibility, oversight and authority
 - b. Responsibility requires authority of all organizational elements that are involved in dam safety decisions and decision making
 - c. Access to sufficient technical resources and expertise
 - d. Proactive and informed owner inspection and engineering evaluation program
 - e. Adequate on-site presence or remote monitoring capability

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6. Questions for Engineers to Consider in Determining Adequacy of Owner's Dam Safety Program
 - a. Number of dams
 - b. Is there a Dam Safety Officer?
 - c. Is there in-house expertise?
 - d. Does owner rely completely on outside consultants?
 - e. Is there experienced, knowledgeable and dependable operation staff?

MINIMUM ACCEPTABLE DAM SAFETY PROGRAM (Size variable depending on dam inventory)

1. A person responsible for dam safety (Dam Safety Officer) with the authority to maintain dam safety
2. An dam safety inspection program
3. Access to experienced dam safety expertise
4. An EAP program that is well coordinated with the local emergency management agencies