

## DRAFT Web site posting

### Dam Safety Surveillance and Monitoring Workshop

#### Announcement for the FERC Division of Dam Safety and Inspections (D2SI) Dam Safety Surveillance and Monitoring Workshop

The FERC Division of Dam Safety and Inspections is presenting training workshops, titled, ***Dam Safety Surveillance and Monitoring Workshop*** for dam owners, dam operators, consultants, instrumentation equipment manufacturers and FERC staff to focus on the appropriate design, installation and data interpretation of instrumentation and monitoring systems at dams and appurtenant structures.

Location	Date	Agenda
Chicago, IL	May 17 -18, 2006	<a href="#">Agenda</a> [PDF]

D2SI, in further developing the Dam Safety Performance Monitoring Program (DSPMP), and in cooperation with a team including dam owners, instrumentation equipment manufacturers and independent consultants, has identified a need to highlight the specifics of surveillance and monitoring systems. The detailed examination of instrumentation and monitoring programs at dams, in consideration of the results of PFMA's, will result in more efficient and cost effective monitoring programs. Using Chapter 9 of the FERC Engineering Guidelines, Instrumentation and Monitoring and Chapter 14, Dam Safety Performance Monitoring, the workshop will provide useful training and insights into the design and maintenance of effective and cost efficient monitoring programs.

Among the objectives and important technical issues to be discussed and examined by the workshop are:

- The importance of knowing the purpose and installation details of the instrumentation and monitoring systems (i.e., where the piezometer tip is and where it is measuring water pressure).
- Knowing that the monitoring instruments are functioning and that they are giving accurate information.
- Minimum instrumentation to a dam's unique circumstances
- Data presentation, and interpretation
- The design of a monitoring program using the results of a PFMA to monitor important potential failure modes.
- Threshold values and action levels based on engineering evaluation.
- Contents of Surveillance Monitoring Plan Submittals.

This is the second workshop on Dams Safety Surveillance Monitoring and it is anticipated that there will be other sessions given throughout the next year. The workshop is open to all, dam owners/operators, Federal agencies, Federal and State

Regulators, and consultants. Anyone who is involved with recording instrumentation readings, evaluating instrumentation data and preparing instrumentation reports will find this workshop useful.

Space is limited, is on a first come/first serve basis and the workshop fills up quickly. Plan early to reserve your space.

Please register for the course by clicking on the following link: [View Details](#). At the time of registration, please complete all fields for each attendee from your organization. There is no charge for the course.

If you need further information or assistance please contact Mrs. Natalie Leech at 202-502-6396; [natalie.leech@ferc.gov](mailto:natalie.leech@ferc.gov).

Also for your information:

[The United States Society on Dams](#) will hold a ***Dam Surveillance and Monitoring Workshop*** on October 9 and 10, 2006, in Sacramento, California. The **Federal Energy Regulatory Commission** and the **California Department of Water Resources, Division of Safety of Dams**, will be Cooperating Organizations. More information can be found at: <http://www.usdams.org/ussdmeetings.html>