

Risk-Informed Decision Making (RIDM) Level 1

Preliminary Agenda

June 12 and 13, 2012

Target Audience:
Dam Safety Engineers for Licensees and Consultants

Speakers will include:
Messrs. Patrick Regan, David Lord, Eric Gross, and Doug Johnson, for the FERC; Douglas Boyer for the Corps of Engineers; an owner, and a consultant to be announced

The Federal Energy Regulatory Commission's Division of Dam Safety and Inspections has historically utilized a criteria-based decision-making framework in its dam safety program. The Commission's 2009-2014 Strategic Plan has a stated objective to minimize risk to the public. One strategy to achieve this goal has been identified as incorporating risk-informed decision-making (RIDM) into the Commission's dam safety program. This course has been designed to both keep the FERC dam safety community apprised of our progress in implementing RIDM and to provide an introductory training in Risk concepts for dam safety.



Day 1, June 12, 2012

- 0800 Introduction
Definitions of key terms
- 0830 Why is the FERC moving towards a RIDM approach?
Benefits for Owners
Benefits to Consultants
- 0910 What does FERC mean by RIDM and how will it develop its RIDM program?
- 0940 RIDM Development Process
Opportunity to participate
Revisions of FERC's Engineering Guidelines and Operating Manual
- 1000 BREAK
Discuss and bring back Questions or Use Comment Cards and Return
- 1015 Discuss Questions
- 1030 What's involved in Risk Analysis / Risk Assessment?
- 1130 Issues
Need better PFM descriptions
Facilitation Certification (ASDSO?)
- 1145 LUNCH – Bring back Questions
- 1300 Discuss Questions
- 1330 Qualitative Risk Analysis – Basic Concepts
- 1415 Quantitative Risk Analysis – Basic Concepts
- 1445 BREAK – Bring back Questions
- 1500 Discuss Questions
- 1515 Risk-Informed Decision-Making

- 1545 Break into small groups of about 10 people and discuss any concerns or issues with risk.
- 1615 Feedback on the small group discussion
- 1630 Day One Wrap –
Group leaders meet for up to one hour

DAY 2, June 13, 2012

- 0800 Summation of Comments/Concerns/
Questions
Discussions
- 1000 BREAK
- 1030 Risk Lite
PFMA and Event Trees
- 1200 – LUNCH – Bring back Questions
- 1300 Discuss Questions
- 1315 Risk Lite (Cont.)
Probabilistic Loadings
- 1415 Consequences- Life and \$
- 1445 BREAK – Bring back questions
- 1500 Discuss Questions
- 1530 Probabilistic analysis
Uncertainty/Confidence – How to capture and portray
Risk Analysis
Risk Assessment, Making the Case,
Risk-Informed decision
- 1630 Solicit help/Wrap

VENUE

Federal Energy Regulatory Commission
Commission Meeting Room
888 1st St NE, Washington, DC 20002

REGISTRATION INFORMATION

Registration is free but will be limited to 200 participants. To register, please go to the event listing on the FERC Calendar at:
<http://www.ferc.gov/EventCalendar/>

Contact:

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LODGING INFORMATION

Hyatt Regency – 0.6 miles
400 New Jersey Ave., NW
(202) 7373-1234 - washingtonregency.hyatt.com

Courtyard Washington, DC/U.S. Capitol – 0.6 miles
1325 2nd Street NE
(202) 898-4000 www.marriott.com

Holiday Inn Capital – 1.1 miles
550 C St., NW
(202) 479-4000 - www.hicapitoldc.com

Sheraton Crystal City Hotel – 4.8 miles
1800 Jefferson Davis Hwy, Arlington, VA
(703) 486-1111 - sheratoncrystalcity.com

TRAVEL INFORMATION

From Washington National Airport (DCA):

Board the metro Yellow line towards Fort Totten. Change trains at Gallery Place/Chinatown to Red line towards Silver Spring or Glenmont. Exit at Union Station. Walk North on 1st Street, FERC is on left.

From Baltimore Washington International (BWI) Airport:

Take free shuttle bus to BWI Amtrak Station. Take Amtrak to Union Station, Washington DC. Exit Union Station. Walk North on 1st Street, FERC is on left.