

Dam Safety 101 – Workshop in Boise

September 27, 2016

Target Audience:
Dam Operators and Dam Safety Engineers for Licensees and Consultants

Speakers will include:
FERC staff including Messrs. David Lord (Senior Civil Engineer) and Doug Johnson (Regional Engineer)

The FERC Division of Dam Safety and Inspections started a new program in 2014 of offering owners and operators of hydroelectric dams an introductory workshop on dam safety. It is intended for all dam owners including smaller utilities and owners of one dam. The Boise workshop will cover how each type of dam maintains stability and can fail, historical failures, how to monitor dams to prevent failures, and how to reduce the consequences of a potential failure by having an effective Emergency Action Plan. Questions and Discussion will be encouraged.



Buffalo Creek, West Virginia Dam Failure (1972) – 118 Lives Lost



**Taum Sauk, Missouri Dam Failure (2005)
Park Managers Home**

Tuesday, September 27, 2016

- 1000 Welcome and Introductions of Audience Members
- 1010 Objectives of This Workshop
- 1020 How dams work, arch, rockfill, concrete and timber crib dams and how they can fail
- 1050 Historic case histories including Malpasset (arch) failure and Wanapum dam incident
- 1135 Teton Dam disaster (film).
- 1200 LUNCH (1 hr 15 min)
- 1315 Consequences of dam failures
- 1400 Examples of Potential Failure Modes and how to inspect and monitor for them – Need to inspect facilities usually out of sight
- 1500 BREAK (15 min.)

- 1515 Why Emergency Action Plan (EAP), Dambreak studies, and EAP Exemption Evaluations
- 1545 Part 12D Process
- 1600 Overview of Swan Falls
- 1615 Questions
- 1630 Wrap up

Wednesday, September 28, 2016 **(Optional)**

- 9000 Site tour of Swan Falls Dam
Details to be provided.

VENUE

**Idaho Power Company
1221 W. Idaho Street,
Boise, ID 83702**

REGISTRATION INFORMATION

Registration is free.
Lunch available onsite.

To register, please go to the event date on the FERC Calendar at:

<http://www.ferc.gov/EventCalendar/>

Contact:

David Lord

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LODGING INFORMATION

Grove Hotel

245 S. Capitol Blvd.
(888) 961-5000

Online Code: IDPOWER

<http://www.grovehotelboise.com>

The Modern Hotel

1314 West Grove Street
(866) 780-6012

Online Code: IDAPOW

www.themodernhotel.com

Red Lion Downtowner

1800 Fairview Ave
(800) 325-4000

Online Corporate Code: IDP

<http://www.redlion.com/boise>

TRAVEL INFORMATION

Parking – See attached Map.

Boise Airport

<http://www.iflyboise.com/>