

Dam Safety 101 – Workshop in Portland

November 15, 2017

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

Speakers will include:
FERC staff including Mr. Doug Johnson (Regional
Engineer), several D2SI-PRO Staff, and Mr. Toby
Brewer of Tacoma Power

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 Portland
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**

Wednesday, November 15, 2017

- 0900 Welcome, Introductions of
Audience Members, and
Workshop Objectives
- 0915 How Dams Work (arch, rockfill,
concrete, and buttress dams) and
How They Can Fail
- 0945 Case Histories (St. Francis, Swift
No. 2, Wanapum, etc.)
- 1015 Break
- 1030 Teton Dam Disaster
- 1045 Why Emergency Action Plan
(EAP), Dambreak Studies, and
EAP Exemption Evaluations
- 1115 Part 12D Process
- 1130 LUNCH (1 hr 15 min)
- 1245 Seismic Hazards in the Pacific
Northwest
- 1315 How to Develop Potential Failure
Modes (PFMs)

- 1415 BREAK (15 min.)
- 1430 Surveillance and Monitoring for
PFMs
- 1515 Spillways
- 1545 Questions
- 1600 Wrap up

VENUE

911 Building Auditorium
(Old Bonneville Power Building)
911 NE 11th Avenue
Portland, Oregon 97232

REGISTRATION INFORMATION

Registration is free.

To register, please go to the event
date on the FERC Calendar at:
<http://www.ferc.gov/EventCalendar/>

Contact:
Christopher White

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Email: Christopher.White@ferc.gov

LODGING INFORMATION

Doubletree by Hilton – 0.1 mi
1000 NE Multnomah Street, Portland, OR
(503) 281-6111
<http://doubletree3.hilton.com/en/hotels/oregon/doubletree-by-hilton-hotel-portland-RLLC-DT/index.html>

Residence Inn Portland Downtown – 0.3
mi
1710 NE Multnomah Street, Portland, OR
(503) 288-1400
<http://www.marriott.com/hotels/travel/pdxlc-residence-inn-portland-downtown-convention-center>

Many hotels near Portland Convention
Center on Max Line

TRAVEL INFORMATION

From the Portland International Airport:
Board the TriMet light rail Red Line toward
Beaverton at PDX. Exit train at the Lloyd
Center/11th Ave Station. Venue will be ½
block south on 11th Ave on the west side
of the street.