



VIBROSYSTM

Waterpower XVI

Workshop on Machine Condition Monitoring

WaterPower XVI, Spokane, Washington

Monday, July 27, 2009

Spokane Falls Ballroom Suite B, Doubletree Hotel Spokane-City Center

Agenda

- 8:00 AM Coffee & Muffins provided by VibroSystM
- 8:30 Official Welcome and Overview of VibroSystM Monitoring Solutions
by Randy Wallman, VibroSystM, Canada
- 9:00 Introduction to Vibration Monitoring of Large Rotating Machines
by André Tétreault, VibroSystM, Canada
- 9:45 Case Studies of Problems Diagnosed Using On-Line Machine Monitoring
on Hydro-Generating Machines
by Sheila Hagerty, Columbia Power Corporation, Canada
- 10:15 Break
- 10:30 Overview of the latest ZOOM Monitor and the ZPU-5000 Acquisition Unit
by André Tétreault, VibroSystM, Canada
- 11:00 Technology to Monitor Rotor Pole-Face Surface, Coil Winding, and Connector
Temperature
by Randy Wallman, VibroSystM, Canada
- 11:30 Air Gap Monitoring Results on Very Large Machines
by Marc Bissonnette, VibroSystM, Canada
- Noon Lunch (*offered by VibroSystM*)



VIBROSYSTM

Waterpower XVI

- 1:30 PM Evaluation of Water Intake Temperatures on Stator Shapes at Rocky Reach Dam with Condition Monitoring
by Paul Resler, Chelan County PUD, USA
- 2:00 Case Studies:
- Unexpected Rotor Stator Behavior.
- Undiagnosed Rotor Problem
by André Tétreault, VibroSystM, Canada
- 3:00 Break
- 3:15 Breakout Session/Walk-in Clinic: **Users only. OEM may not attend.**
Possible Topics: Remote Monitoring Guidelines, ZOOM Specifications, Blade Tip Clearance etc
Attendees will have the opportunity to share their machine monitoring experience. This session provides an opportunity to informally discuss test results with VibroSystM experts.
by André Tétreault and Marc Bissonnette, VibroSystM, Canada