

FSRUGReliability Improvements
Today for Tomorrow's
Nuclear Plant Success**Feedwater & Secondary System Reliability Users Group
with Eng FIN****Annual Meeting - January 15-18, 2024****Embassy Suites San Antonio Downtown Riverwalk****Majestic BC Ballroom***Meeting of industry personnel for feedwater and balance-of-plant (BOP) equipment*

Facilitators: President: Billy Sharp, Watts Bar

Vice President: Aaron Potter, Susquehanna

Monday, January 15	Agenda Topics	Presenter
10:00	Welcome – FSRUG History, Logistics, Meeting Objectives, Expectations	FSRUG President – Billy Sharp
10:15	Around the Room – Introductions	All
10:50	Break	
11:00	2023 Scam Review with Discussion	Billy Sharp - Watts Bar
12:00	Lunch - Atrium area on 1st floor	
13:00	2023 Scam Review with Discussion cont.	Billy Sharp - Watts Bar
13:30	Susquahanna 2023 issue	Keysha Anderson
14:20	Break	
14:30	Basic Pump Vibration	Sulzer Pumps (US) Inc Ray Clawson
15:20	Break	
15:30	C FWPT Trip and Manual Reactor Trip & Barton FW flow transmitter reliability	Zachary Sharpe - V.C Summer
15:50	Break	
16:00	Open Discussion	All
16:50	1 st Day Wrap-Up	FSRUG President – Billy Sharp

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Tuesday, January 16	Agenda Topics	Presenter
8:00	Day 2 Kickoff Around the Room – Vendor Introductions and Engineers: What's Your Problems?	FSRUG President – Billy Sharp
8:50	Break	
9:00	Hydro Pump Training part 1 - Hydraulic Instability and how to extend life	Mike Mancini Hydro Inc
9:50	Break	
10:30	Hydro Pump Training part 2 - Wear Ring Material and how to extend life	Mike Mancini Hydro Inc
10:50	Break	
12:00	Lunch - Atrium area on 1st floor	
13:00	Machine learning based predictive maintenance of nuclear plant valve-actuator systems	Nimish Jagtap, Kalsi Engineering, Inc.
13:40	Vibration Issues in Plant Equipment	Mechanical Solutions, Inc. Andy Lerky
13:50	Break	
14:30	Composite Solutions for Pumps	Greene Tweed - Jay Yazji
15:10	Break	
15:30	Detecting Internal Baffle Degradation	CW-Anatec - Steve Schaefer
15:50	Day 2 Wrap-Up	FSRUG President – Billy Sharp
16:00 – 18:00	Vendor Show (in meeting room)	

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Wednesday, January 17	Agenda Topics	Presenter
8:00	Day 3 Kick-Off	FSRUG President – Billy Sharp
8:10	Feedwater Heater Maintenance Activities Eddy Current Testing	The Merrick Group
9:00	Break	
09:10	Rotating Equipment	RER Scott Sterr
10:00	Break	
10:10	Plastocor HX Solutions	Plastocor - Jim Mitchell
11:00	Break	
11:10	Pump Minimum Submergence	Sulzer Pumps - Art Washburn
12:00	Lunch - Atrium area on 1st floor	
13:00	Valve SPV Elimination	IMI Critical Engineering
13:50	Break	
14:00	SwRI analysis of failed condenser tubes	Southwest Research Institute
14:50	Break	
15:00	Our Pop-A-Plug® line - heat exchanger plugs and installation tools.	Curtiss Wright - EST Group
15:50	Day 3 Rap-Up	FSRUG President – Billy Sharp
16:00 – 18:00	Vendor Show (in meeting room)	

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Thursday, January 18	Agenda Topics	Presenter
8:30	Last Day Kick-Off Discussion on FSRUG future Requests for new board members	FSRUG President – Billy Sharp
8:50	Break	
9:00	Lube Oil Systems	Sulzer Pumps - Art Washburn
9:50	Break	
10:00	Cooper Plant Discussion	Eric Fulton - Cooper
10:35	Open Discussion	All
10:50	Break	
11:00	Feedwater Pump Oil Leak	Tyler Slade - Columbia
11:50	Break	
12:00	Lunch - Atrium area on 1st floor	
1:00	Meeting Critique, lessons learned,	all
1:30	New FSRUG Officer Nominations and Voting	all
2:00	Day 4 Meeting Wrap-Up and Adjourn	FSRUG President – Billy Sharp