

**FSRUG**Reliability Improvements  
Today for Tomorrow's  
Nuclear Plant Success**Feedwater & Secondary System Reliability Users Group  
with Eng FIN****Annual Meeting - January 16-19, 2023****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

<b>Monday, January 16</b>	<b>Agenda Topics</b>	<b>Presenter</b>
<b>10:00</b>	Welcome – FSRUG History, Logistics, Meeting Objectives, Expectations	FSRUG President – Billy Sharp
<b>10:15</b>	Around the Room – Introductions	All
<b>10:50</b>	Break	
<b>11:00</b>	INPO IER 22-4 Feedwater Events	Billy Sharp - Watts Bar
<b>11:30</b>	Open Discussion	All
<b>12:00</b>	Lunch - Atrium area on 1st floor	
<b>13:10</b>	FWIV overhauls (Callaway & WC had torquing issues)	Kendra Henry - Wolf Creek
<b>13:50</b>	Break	
<b>14:00</b>	Stator Cooling Water	Matthew McAllister - Wolf Creek
<b>14:50</b>	Break	
<b>15:00</b>	Value Based Maintenance (VBM) for Feedwater Pump at River Bend	Sulzer Pumps (US) Inc
<b>15:50</b>	Break	
<b>16:00</b>	Westinghouse Parts has a teaming partner call ASC (aka Anvil). presenting Westinghouse and ASC capabilities.	Westinghouse - David Phelps
<b>16:50</b>	1 <sup>st</sup> Day Wrap-Up	FSRUG President – Billy Sharp

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<b>Tuesday, January 17</b>	<b>Agenda Topics</b>	<b>Presenter</b>
<b>8:00</b>	Day 2 Kickoff Around the Room – Vendor Introductions and Engineers: What's Your Problems?	FSRUG President – Billy Sharp
<b>8:50</b>	Break	
<b>9:00</b>	Feedwater and HX Eddy Current Strategy	The Merrick Group - Steve Joiner
<b>9:50</b>	Break	
<b>10:00</b>	Vibration Issues in Plant Equipment	Mechanical Solutions, Inc. Andy Lerky
<b>10:50</b>	Break	
<b>11:00</b>	Failure analysis of a feedwater level control valve.	Kalsi Engineering, Inc.
<b>12:00</b>	Lunch - Atrium area on 1st floor	
<b>13:00</b>	Pump Troubleshooting w/ ODS and Modal Analysis	Hydro - Glen Powell
<b>13:50</b>	Break	
<b>14:00</b>	Composite Solutions for Pumps	Greene Tweede
<b>14:50</b>	Break	
<b>15:00</b>	Robotic Inspections: How to Limit Diver use for Asset Management	Deep Trekker
<b>15:50</b>	Day 2 Wrap-Up	FSRUG President – Billy Sharp
<b>16:00 – 18:00</b>	Vendor Show (in meeting room)	

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<b>Wednesday, January 18</b>	<b>Agenda Topics</b>	<b>Presenter</b>
<b>8:00</b>	Day 3 Kick-Off	FSRUG President – Billy Sharp
<b>8:10</b>	HX Tube Testing, Repair, and Maintenance	Curtiss Wright - EST Group
<b>9:00</b>	Break	
<b>9:10</b>	Descaler	Precision Dynamics
<b>10:00</b>	Break	
<b>10:10</b>	Gearing & Charging Pump Drives	Chalmers & Kubeck, Inc.
<b>11:00</b>	Break	
<b>11:10</b>	New technical innovations enable all electric (zero oil use, zero pneumatics use) SGFPT and RFPT Governor and Stop Valves control upgrades.	Lovejoy Controls Corporation
<b>12:00</b>	Lunch - Atrium area on 1st floor	
<b>13:00</b>	Feedwater Pump Recirculation Valves	IMI Critical Engineering
<b>13:40</b>	Southwest Research Institute Tour	
<b>16:30</b>	Day 3 Wrap-Up	FSRUG President – Billy Sharp
<b>16:30 – 18:00</b>	Vendor Show (in meeting room)	

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<b>Thursday, January 19</b>	<b>Agenda Topics</b>	<b>Presenter</b>
<b>8:30</b>	Last Day Kick-Off Discussion on FSRUG future Requests for new board members	FSRUG President – Billy Sharp
<b>8:50</b>	Break	
<b>9:00</b>	Feedwater Heater Tube Repair – A 23 Year Success Story	Framatome - Bruce Schafer
<b>9:50</b>	Break	
<b>10:00</b>	Cooper Plant Discussion	Eric Fulton - Cooper
<b>10:35</b>	Open Discussion	All
<b>10:50</b>	Break	
<b>11:00</b>	Meeting Critique, lessons learned,	all
<b>11:20</b>	New FSRUG Officer Nominations and Voting	all
<b>11:40</b>	Meeting Wrap-Up and Adjourn	FSRUG President – Billy Sharp
<b>12:00</b>	Lunch - Atrium area on 1st floor	