

## *AUG Mission*

Nuclear Career Development	Optimized Component Reliability	AOV Program/Component Knowledge Transfer	
Professional Networking	Operating Experience	Cost Control	Essential Training
Peer Interaction	Leveraging the Use of Technology	Testing & Maintenance Practices	
Regulatory Updates	Code & Standards Updates	Equipment Expo	

# *Conference Agenda*

## **Air-Operated Valve Users' Group Annual Conference**

**January 16 - 18, 2019  
JW Marriott Desert Springs Resort  
Palm Desert , California USA**

### **Monday, January 14, 2019**

7:00 AM – 4:30 PM    **AUG/MUG/CANUG/FLMUG Conference Registration**    Registration Desk

### **Tuesday, January 15, 2019**

7:00 AM – 4:30 PM    **AUG/MUG/CANUG/FLMUG Conference Registration**    Registration Desk

# Air-Operated Valve Users Group Conference Wednesday, January 16, 2019

7:00 AM – 4:30 PM **Registration Desk Open** Registration Desk

7:00 – 8:00 AM **Continental Breakfast (Conference or Exhibitor Badge Req'd)** Exhibit Hall

## AUG General Session 1 Springs G

8:00 – 8:15 AM Bring to Order/Opening Remarks/Introduction *Fred Setzer/Duke Energy/AUG Chair*

8:15 – 9:00 AM Delivering the Nuclear Promise *Lance Sharrett/Palo Verde*

9:00 – 9:30 AM Status of Regulatory Activities on Air-Operated Valves *Mike Farnan/US NRC*

9:30 – 9:45 AM Break (pick up Steering Committee election ballots during break) Exhibit Hall

9:45 – 10:15 AM 50.69 from an AOV Perspective *Lance Sharrett/Palo Verde*

10:15 – 11:30 AM Utility-Only Closed Session

- ADV I/P Converter Resulted in a Part 21 (*Willie Hernandez/Palo Verde*)
- OE Review (*Aaron Mach/South Texas*)
- Solicit Vendor Quality or other common concerns
- Steering Committee Elections

**11:30 AM– 12:45 PM Hosted Lunch & Networking Break** (*Included with registration fee*) Exhibit Hall

## AUG Committee Tracks See locations below

	O&M – Springs F	E&D – Springs G	Training – SpringsBC
<b>12:45 – 1:30 PM</b>	<b>AOV Troubleshooting</b> <i>David Baine, Phil Nelson</i> <i>Emerson Lifecycle Services</i>	<b>Appendix IV Implementation Guide</b> <i>Tom Walker/EPRI</i>	<b>AOV 101 AOV Fundamentals &amp; Actuator Sizing</b>
<b>1:30 – 1:35 PM Break</b>			
<b>1:35 – 2:40 PM</b>	<b>Erosion and Corrosion on Materials &amp; Methods of Abatement</b> <i>Meredith Bell, Cherra Meloy</i> <i>Emerson</i>	<b>Setpoint Reviews for LSSC AOVs</b> <i>Ken Beasley/Kalsi, Mike Barlok/TVA</i>	<i>Chuck Linden/Palo Verde</i> <i>Nick Camilli/EPRI</i> <i>Randy Croxton/ Ret Palo Verde</i>
<b>2:05 – 2:10 PM Break</b>			
		<b>Setpoint Reviews for LSSC AOVs</b> <i>(Repeat)</i> <i>Ken Beasley/Kalsi, Mike Barlok/TVA</i>	
<b>2:40 – 2:55 PM Break</b>			
<b>2:55 – 3:25 PM</b>	<b>Solenoid Operation &amp; Troubleshooting 101</b> <i>Marie Murphy/Limerick</i> <i>Kim Musante/PSEG</i>	<b>Appendix IV Implementation Lessons Learned</b> <i>Dawn Jacobs/MPR</i> <i>Nathan Longest/Dominion Energy</i>	<b>AOV 101 Camflex Actuator &amp; Valve Setup</b> <i>Kelly Pugh/ Baker Hughes GE</i> <i>Chuck Linden/ Palo Verde</i>
<b>3:30 - 4:30 PM</b>	<b>Solenoid Technologies, PM Practices, &amp; Failure Modes</b> <i>Curt Dupill, Lea Schertenleib</i> <i>Seitz Valve 3:30-4:00</i>	<b>PASS to Determine Stem-to-Disc Separation in Globe Valves</b> <i>Jesse Delgado, Jeremy Howe</i> <i>IHI Southwest Technologies</i>	
	<b>ASCO AOV Installation, Maintenance &amp; OE Best Practices - Springs DE</b> <i>Nick Ingles, ASCO: 4:00-4:30</i>		

**4:30 – 6:00 PM Welcome Reception & Vendor Exhibit Displays** Exhibit Hall

**6:00 PM ----- Hospitality Events** Check With Exhibitors

## Air-Operated Valve Users Group Conference Thursday, January 17, 2019

7:30 AM – 4:30 PM

Registration Desk Open

Registration Desk

7:00 – 8:00 AM

Continental Breakfast (Conference or Exhibitor Badge Required)

Exhibit Hall

### AUG Vendor Tracks

See locations below

	Springs DE	Springs G	Springs F
8:00 – 8:30 AM	<b>Quiklook</b> <i>Eric Solla/Teledyne</i>	<b>AOV Troubleshooting using Diagnostic Test Equipment</b> <i>Lew McKeague/Framatome</i>	<b>Digital Positioner Training</b> <i>Randy Croxton Ret Palo Verde</i>
8:30 – 9:00 AM	<b>ACE/ACETest</b> <i>Eric Solla/Teledyne</i>		
<b>9:00 – 9:15 AM: Break</b>			
9:15 – 9:45 AM	<b>Quiklook (repeat)</b> <i>Eric Solla/Teledyne</i>	<b>KVAP Users Group</b> <i>Ryan Sicking/Kalsi</i>	<b>Digital Positioner Training</b> <i>Randy Croxton Ret Palo Verde</i>
<b>9:45 – 9:50 AM: Break</b>			
9:50 – 10:20 AM	<b>ACE/ACETest (repeat)</b> <i>Eric Solla/Teledyne</i>	<b>Crane AOV Software Update</b> <i>Dan Teske/Crane</i>	<b>Hands On Calibration &amp; Use Session 1</b> <i>Steve Hagen/Fisher Ricardo Castaneda/ Baker Hughes GE Kurt Christianson/IMI CCI</i>
<b>10:20 – 10:25 AM: Break</b>			
10:25 – 10:55 AM	<b>Best Practices/Methods for Installing Topworx Proximity Switches</b> <i>Ron Jaworowski/ Framatome Greg Merrifield/Topworx</i>	<b>KVAP Users Group (repeat)</b> <i>Ryan Sicking/Kalsi</i>	<b>Hands On Calibration &amp; Use Session 2</b>
11:05 – 11:30 AM		<b>Crane AOV Software Update (repeat)</b> <i>Dan Teske/Crane</i>	<b>Hands On Calibration &amp; Use Session 3</b>

**11:30 AM – 1:00 PM Hosted Lunch & Networking Break** (Included with registration fee)

Exhibit Hall

### AUG Committee Tracks

See locations below

	E & D – Springs G	O & M – Springs F
1:00 – 1:30 PM	<b>EPRI Update</b> <i>Nick Camilli/EPRI</i>	<b>Outage Scope Panel Discussion</b> <i>Aaron Mach/South Texas</i>
<b>1:30 – 1:35 PM: Break</b>		
1:35 – 2:05 PM	<b>MSIV Steam Packing Leakage Characterization for Operability</b> <i>Collin Clark/MPR Associates</i>	
<b>2:05 – 2:10 PM: Break</b>		
2:10 – 2:35 PM	<b>Testing of Sleeved Plug Valve Torque Requirements for Various Non-Metallic Material</b> <i>Samson Kay/Crane Nuclear</i>	<b>Valve Team Make-up and Implementation</b> <i>Marie Murphy/Limerick</i>
2:35 – 3:00 PM	<b>MSIV Stem Thermal Embrittlement – Update</b> <i>Memarie Burke/Weir Valves &amp; Controls</i>	
<b>3:00 – 3:15 PM: Break</b>		

**Thursday continued on next page.....**

## Air-Operated Valve Users Group Conference Thursday, January 17, 2019 (continued)

<b>AUG General Session 2</b>	<b>Springs G</b>
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3:15 – 4:00 PM	<b>Best Practices: Bridging the Gap between Engineering &amp; Field Work for AOV Diagnostics</b> <i>Dan Teske/Crane Nuclear</i>
4:00 – 4:30 PM	<b>Insights from USA-STARs Assessments &amp; Industry Technical Questions</b> <i>Tim Scoggins/USA-STARs</i>

4:30 – 6:30 PM      Reception & Vendor Exhibit Displays      Exhibit Hall

6:30 PM -----      Hospitality Events      Check with Exhibitors

## Air-Operated Valve Users Group Conference Friday, January 18, 2019

7:00 – 8:00 AM      Continental Breakfast (Conference Badge Required)      Springs F

<b>AUG General Session 3</b>	<b>Springs F</b>
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8:00 - 8:15 AM	<b>Opening Remarks</b> <i>Patricia Arredondo/AUG Vice Chair</i>
8:15 – 9:30 AM	<b>Beyond the Dynamic Scan, the Other Test Setups used in QUIKLOOK FS</b> <i>Phil Nelson/Emerson</i>
<b>9:30 – 9:45 AM: Break (no expo today)</b>	
9:45 – 11:15 AM	<b>AOV Diagnostics Vendor Panel</b> <i>Mike Rhodes/Columbia, Dan Teske/Crane Nuclear, Phil Nelson/Emerson, Eric Solla/Teledyne</i>

11:15 – 11:45 AM      **Committee Reports**

- Engineering/Design      *Uzair Irfan/E&D Chair*
- Operations/Maintenance      *Marie Murphy/O&M Chair*
- Training      *Chuck Linden/Training Chair*

Closing Remarks      *Fred Setzer/Duke Energy/AUG Chair*

11:45 AM – 12 Noon      **Attendance prizes drawing - must be present to win!**

12:00 Noon      **Conference Adjourns**

*Thank you for joining us this year. Please make plans to attend our next Air-Operated Valve Users Group (AUG) Conference in January 2020 in San Antonio, TX.:*

**Air-Operated Valve Users Group (AUG) Conference  
January 2020 - San Antonio, TX, USA  
[www.aovusersgroup.com](http://www.aovusersgroup.com)**