



## **Agenda**

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

**January 13 – 15, 2020**

**Renaissance Austin  
9721 Arboretum Blvd  
Austin, Texas 78759**

*Go paperless!*

*Download the conference app to access the agenda, presentations, attendee contacts, maps & more.*

[www.movusersgroup.com](http://www.movusersgroup.com)

*Need a login? Contact [djmiller@mmciglobal.com](mailto:djmiller@mmciglobal.com)*

**Sunday, January 12, 2020**

3:00 - 7:00 PM	Early Registration	Registration Desk
7:00 - 9:00 PM	Steering Committee Meeting (Committee Members Only)	

**Monday, January 13, 2020**

7:00 - 8:00 AM	Breakfast (Conference or Exhibitor badge, or Guest meal pass required)	Exhibit Hall
7:00 - 4:30 PM	Registration desk open	Registration Desk

<b>MUG Initial Session</b>		<b>Ballroom A</b>
8:00 - 9:30 AM	Limitorque Technical Advisory Group (TAG) (CLOSED SESSION: Open to Utility Members and Vendors that support Limitorque actuators)	John Arnold, TAG Chairman Woody Lawman, Flowserve-Limitorque

**9:30 AM – 10:00 AM Morning Break (Expo opens. Expo hours 9:30-6:30) Exhibit Hall**

10:00 – 11:30 AM	Open Discussion Forum (CLOSED SESSION: Open to Utility Members only)	John Arnold, TAG Chairman
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**11:30 AM – 1:00 PM Lunch (Conference or Exhibitor badge, or Guest meal pass required) Exhibit Hall**

<b>MUG General Session # 1</b>		<b>Ballroom A</b>
1:00 – 1:15 PM	Opening Remarks and Roll Call	Domingo Cruz, APS Palo Verde MOV Users' Group Chairman
1:15 – 1:40 PM	Status of Regulatory Activity on MOVs	Michael Farnan, US NRC
1:40 – 1:50 PM	NRC Question/Answer Session	Michael Farnan, US NRC
1:50 – 2:10 PM	BWROG Update	Brian Kibler, BWROG VTRG Chairman
2:10 – 2:30 PM	EPRI Update	Tom Walker, EPRI

**2:30 - 3:00 PM Afternoon Break Exhibit Hall**

3:00 – 3:30 PM	Stem-Disc Separation	Domingo Cruz, Palo Verde Jeremy Howe, IHI Southwest Tech.
3:30 – 4:00 PM	ADDD Part 21 Anti-Rotation Device Development / Qualification Update	Curt Reynolds, Peach Bottom Paul Knittle, MPR Associates
4:00 – 4:30 PM	Exelon 50.69 RISC-3 MOV Alternate Treatment Plan Development	Ted Neckowicz, Exelon

**4:30 - 6:30 PM Welcome Reception (Open to all attendees, exhibitors, and guests) Exhibit Hall**

**6:30 - 10:00 PM Hospitality Events Check with Exhibitors**

**Tuesday, January 14, 2020**

7:00 - 4:30 PM Registration desk open South Registration Desk

7:00 - 8:00 AM Breakfast (Conference or Exhibitor badge, or Guest meal pass required)) Exhibit Hall

<b>MUG General Session # 2</b>		<b>Ballroom A</b>
8:00 – 8:30 AM	Reoccurring MOV OE	Bill Trappett, Columbia
8:30 – 9:00 AM	Readiness for NRC Focus Engineering Inspection at Cooper	Duane Weninger, Cooper
9:00 – 9:30 AM	Palo Verde MOV Temporary Power Box	Dustin Schabatka, Palo Verde

**9:30 AM – 10:00 AM Morning Break (Expo opens. Expo hours 9:30-6:30) Exhibit Hall**

10:00 – 10:30 AM	A Case Study: Balanced Globe Valve Load Sensitive Behavior upon Opening	Ron Farrell, Thomas Rogers, Flowserve Preston Vock, Westinghouse
10:30 – 11:00 AM	RHR Service Water Flow Control Valve Failures Lessons Learned – Fermi 2	Sean Howell, Aaron Blaharski, Fermi 2
11:00 – 11:30 AM	Butterfly Valve Testing & JOG Class D Resolution	Rino Denardi, PSEG Nuclear Kumar Swagat, MPR Associates
11:30 – 11:50 N	Margin Improvement Strategies	Ronald A. Kropp, PE Domingo Cruz, Palo Verde
11:50 – 12:00	MUG administrative topics	Domingo Cruz, MUG Chair

**12:00 N – 1:00 PM Lunch (Conference or Exhibitor badge, or Guest meal pass required) Exhibit Hall**

<b>MUG General Session # 3</b>		<b>Ballroom A</b>
1:00 – 1:30 PM	ASME OM Code Appendix III Update	Bill Densmore, Westinghouse
1:30 – 2:00 PM	Hope Creek/Salem Appendix III Implementation	Donald Johnson, Salem/Hope Creek
2:00 – 2:30 PM	Appendix III Implementation at Perry	Steve Sayovitz, First Energy

**2:30 PM – 3:00 PM Afternoon Break Exhibit Hall**

3:00 – 3:30 PM	Appendix III Implementation at Palo Verde	Joey Croxton, Palo Verde
3:30 – 4:00 PM	ASME Risk-Margin Code Case to Appendix III	Ted Neckowicz, Exelon
4:00 – 4:30 PM	Appendix III Implementation Lessons Learned	Neal Estep, Kalsi Engineering

**4:30 - 6:30 PM Reception (Open to all attendees, exhibitors, and guests) Exhibit Hall****6:30 - 10:00 PM Hospitality Events Check with Exhibitors**

**Wednesday, January 15, 2020**

7:00 - 8:00 AM Breakfast (Conference or Exhibitor badge, or Guest meal pass required) Exhibit Hall

MUG Vendor Updates		Ballroom A
8:00 – 8:45 AM	Kalsi Engineering Update	M.S. Kalsi, Kalsi Engineering
8:45 – 9:30 AM	Crane Update	Ram Parameshwar, Crane Nuclear
9:30 – 10:15 AM	Teledyne Update	Mike Richard & Eric Solla, Teledyne Test Services

10:15 - 10:45 AM Morning Break (Expo hours 9:30-5:30) Exhibit Hall

MUG Final Reports		Ballroom A
10:45 – 11:10 AM	TAG Committee Report	John Arnold, TAG Chairman
11:10 – 11:45 AM	Limatorque Update	Woody Lawman, Flowserve-Limatorque
11:45 – 12:00 N	Closing Comments	Domingo Cruz, Palo Verde MOV Users' Group Chairman

12:00 Noon MUG Adjourn

12:00 – 1:00 PM Lunch (Conference or Exhibitor badge, or Guest meal pass required) Exhibit Hall

MOV Maintenance Training		Glass Oaks Ballroom
You must have registered for this training in advance. Additional fee required.		

**Thursday, January 16, 2020**

8:00 – 9:00 AM	MOV Maintenance Overview	John Arnold, Consultant
9:00 – 12:00 Noon	Class will split into 4 groups and rotate through stations, spending 1.5 hours at each activity: <ul style="list-style-type: none"> <li>• Stem Lubrication</li> <li>• Inspection</li> <li>• Control Box</li> <li>• Diagnostics</li> </ul>	

12:00 – 1:00 PM Lunch for Trainees (Conference badge or Guest Meal Badge required) Exhibit Hall

1:00 – 4:00 PM	Group will continue rotations: <ul style="list-style-type: none"> <li>• Stem Lubrication</li> <li>• Inspection</li> <li>• Control Box</li> <li>• Diagnostics</li> </ul>	
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*Thank you for joining us this year. Please make plans to attend our next Motor-Operated Valve Users Group (MUG) Conference in January 2021 in San Antonio:*

**Motor-Operated Valve Users Group (MUG) Conference  
January 11-13, 2021 - San Antonio, Texas, USA**