



Agenda

Motor-Operated Valve Users' Group Annual Conference

January 13 – 15, 2020

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

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www.movusersgroup.com

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Sunday, January 12, 2020

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

Monday, January 13, 2020

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|-----------------------|---|---------------------|
| 7:00 - 8:00 AM | Breakfast (Conference/Exhibitor badge or paid Guest meal pass req'd) | Exhibit Hall |
| 7:00 - 4:30 PM | Registration desk open | Registration Desk |

| MUG Initial Session | | Ballroom 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 open. Expo hours 9:30-6:30) Exhibit Hall

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| 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/Exhibitor badge or paid Guest meal pass required) Exhibit Hall

| MUG General Session # 1 | | Ballroom 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

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| 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/Exhibitor badge or paid Guest meal pass req'd) Exhibit Hall

| MUG General Session # 2 | | Ballroom 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 hours 9:30-6:30) Exhibit Hall

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|------------------|---|---|
| 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 AM | Margin Improvement Strategies | Ronald A. Kropp, PE Domingo Cruz, Palo Verde |
| 11:50 AM– 12:00 | MUG administrative topics | Domingo Cruz, MUG Chair |

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

| MUG General Session # 3 | | Ballroom 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

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| 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 paid Guest meal pass req'd)** **Exhibit Hall**

| MUG Vendor Updates | | Ballroom B |
|---------------------------|--------------------------|--|
| 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 B |
|--------------------------|----------------------|---|
| 10:45 – 11:10 AM | TAG Committee Report | John Arnold, TAG Chairman |
| 11:10 – 11:45 AM | Limitorque Update | Woody Lawman, Flowserve-Limitorque |
| 11:45 – 12:00 N | Closing Comments | Domingo Cruz, Palo Verde MOV Users' Group Chairman |

12:00 Noon **MUG Adjourns****12:00 – 1:00 PM** **Lunch (Conference or Exhibitor badge, or paid Guest meal pass req'd)** **Exhibit Hall**

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

Thursday, January 16, 2020**7:00 - 8:00 AM** **Breakfast for Trainees (Conference badge required)** **Glass Oaks**

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| 8:00 – 9:30 AM | Introductions & Background | John Arnold, Consultant |
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9:30 – 10:00 AM **Break**

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| 10:00 AM – 12:30 PM | Class splits into groups and rotates through stations: <ul style="list-style-type: none"> • Stem Lubrication • Inspection • Control Box • Diagnostics |
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12:30 – 1:30 PM **Lunch for Trainees (Conference badge required)** **Glass Oaks**

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| 1:30 – 4:00 PM | Group continues rotations through stations. |
| 4:00 – 5:00 PM | Recap, Feedback, Certificates |

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