

39th Annual Electric Utility Chemistry Workshop

June 4-6, 2019

Tuesday, June 4

- 12:00 PM** **Registration**
- 1:30 PM** **Welcome**
K. Anthony Selby, Water Technology Consultants, Inc., Workshop Chair
- 1:45 PM** **Human Performance Improvement Through a Just Culture**
Joel Heim, NIPSCO
- 2:15 PM** **Steam Electric Power ELG and Technology Update**
Diane Martini, Burns & McDonnell
- 2:45 PM** **Measuring pH in Steam and Water Cycles**
Randy Turner, SWAN Analytical USA
- 3:15 PM** **Break**
- 3:30 PM** **Application of Film-forming Products**
Steve Shulder, EPRI
- 4:00 PM** **Troubleshooting Tips for Ion Exchange Systems**
Peter Meyers, ResinTech
- 4:30 PM** **Further Advances in On-line Iron Monitoring in the Presence of Film Forming Products**
Ken Kuruc, Hach
- 5:00 PM** **Environmental Regulations Impacting The Utility Industry Now and In The Future - Part 8**
Bert Valenkamph, NIPSCO
- 5:30 PM** **Reception and Vendor Display**
Vendors in the industry will have displays of their latest products and services for participants to view during the reception.

Wednesday, June 5

- 7:30 AM** **Registration**
- 8:00 AM** **Introduction and Announcements**
K. Anthony Selby, Water Technology Consultants, Inc., Workshop Chair
- 8:10 AM** **Condenser & BOP Lay-up Practice - Do's and Don'ts**
Dan Janikowski, Plymouth Tube
- 8:40 AM** **Management and Treatment of Coal Pile Runoff Upon Closure of CCR Surface Impoundments**
Colleen Scholl and Chloe Grabowski, HDR
- 9:10 AM** **Boiler Water Chemistry Control- Phosphate**
Steven Dunn, Process Performance Management
- 9:40 AM** **Break**
- 10:30 AM** **Boiler Water Chemistry Control- AVT, OT**
Steven Dunn, Process Performance Management
- 11:00 AM** **Demin 201 – Understanding Water Analysis to Select Your Optimal Demin System**
James Foreman, SUEZ Water Technologies & Solutions
- 11:30 AM** **Data is Like Oil; Refining Plant Historian Data Into Actionable Information**
Daniel Cicero, NALCO Water
- 12:00 PM** **Lunch**

- 1:00 PM** **Knowledge Transfer & Succession Planning for Power Plant Chemistry**
K. Anthony Selby, Water Technology Consultants, Inc. | Bert Valenkamph, NIPSCO
- 1:30 PM** **Some Case Histories to Help Educate New Power Plant Personnel On the Importance of Chemistry**
Brad Buecker, ChemTreat
- 2:00 PM** **Reducing the Environmental Impact for Makeup Water Treatment, Utilizing Modern Packed Bed Technology**
Dave Dally, Lanxess
- 2:30 PM** **Break**
- 3:00 PM** **Closed Loop Bottom Ash Challenges**
Kyle Vester, Burns & McDonnell
- 3:30 PM** **A Perfect Storm, Part 2**
Branden Powell, City Water, Light & Power
- 4:00 PM** **HRSB Gas Side Inspections**
Amy Sieben, ALS Consulting

Thursday, June 6

- 7:30 AM** **Registration**
- 8:00 AM** **Introduction**
K. Anthony Selby, Water Technology Consultants, Inc., Workshop Chair
- 8:05 AM** **Lessons Learned – Operation of Small Sewage Treatment Plants at Power Plants**
Chris Taylor, Ameren
- 8:35 AM** **Wastewater Treatment 101 - Understanding Treatment Options**
David Mason, SUEZ Water Technologies & Solutions
- 9:05 AM** **Auxiliary Boiler Corrosion Protection: Implementing a Film Forming Product Program**
Tom Reinhardt, Consumers Energy
- 9:35 AM** **Break**
- 10:00 AM** **Integrated Corrosion Products Sampling and Case Study**
John Powalish, Sentry
- 10:30 AM** **Monitoring of Biological Control In Cooling Water Using Continuous Online ATP Analysis**
Brian Snyder, NIPSCO
- 11:00 AM** **Effectiveness of Chemical Biocide Treatments thru Alternate Real-Time Indications**
Ed Dougherty, Structural Integrity Associates
- 11:30 AM** **Workshop Wrap Up**
K. Anthony Selby, Water Technology Consultants, Inc., Workshop Chair