

## **MWOA Metro/Suburban Section Meeting Minutes**

**October 10, 2001**

**Ziegler Powers Systems Auditorium**

**Shakopee, MN**

### **Morning Technical Sessions**

The October 2001 meeting was held at the Ziegler Powers Systems Auditorium in Shakopee, MN. , Chuck Roehrich, Ziegler Parts & Services Sales Representative welcomed the group of 32 to the meeting. Chuck gave an overview of the days meeting agenda. Dave Shellenberger, Ziegler Vice President/General Manager and Bruce Tjosvold, Ziegler Product Support Manager also welcome the group.

The first presenter of the morning technical program was Chuck Roehrich of Ziegler. Chuck spoke on the servicing of your emergency power systems. This was a very informative discussion on the servicing of powers systems, from battery types and charging requirements to megger testing the generator and full load bank testing. Batteries, hoses and coolants, fuel filters and fuels types were emphasized as the number one culprits of power system failures. Chuck fielded many questions and provided the group with materials for setting up recommended elements and frequencies of a Gen-set Preventive Maintenance Program. In addition Chuck reviewed the Ziegler Watch Guard Generator Servicing Program, which is available at different levels of service to the customer.

The second technical speaker of the morning was Steve Reed with Infratech – Infrastructure Technologies, Inc. Steve informed the group about lateral evaluation television systems, complete structural liners for “No Dig” manhole restoration. With the pressures of the “Do More for Less and with Less” on the entire city services these days the no dig alternative can be quite feasible.

The third technical speaker of the morning was Hilton Frye of Ziegler. Hilton discussed the merits of the Ziegler ZTR Control Systems for emergency power systems. The generators, both fixed and portable can be interfaced thru telemetry with the ZTR System and continuously monitored (365/7/24) by Ziegler ZTR Coordinators. The ZTR system allows for continuous monitoring of the power system and remote operation. A tour of the control/command center followed the technical discussion and we were shown in Real Time what the ZTR System was capable of. Hilton fielded many questions concerning the system and the interest was considerable.

### **Business Meeting**

- Chairman Randy Poore called the business meeting of the Metro/Suburban Section to order.
- Secretary Joel Schmidt read the April 25, 2001 meeting minutes. A motion was made by Bryan Backes that the minutes be approved. Dan Zarembinski seconded the motion and the minutes were approved unanimously.
- Director Kuchera presented Operations Awards.

Class A – Ken Kuchera, MCES Empire Plant

Class B – Richard Kraft – MCES Stillwater Plant

Class C – Bryan Backes, St Francis Plant

## Collection Systems – Pat Gordon, City of Apple Valley

- Director Kuchera provided the group with a report on membership initiatives, awards and award nomination criteria and future meeting topics. Director Kuchera then introduced the MWOA Secretary/Treasurer, Jim Miller and asked Jim to update the group on the September 28th Executive Board Meeting, the 2002 MWOA Annual Meeting in Owatonna and membership dues. Jim did a great job of informing us and encouraged the membership to use the MWOA web site – MWOA.net.
- A Motion was made by Randy Poore to adjourn. Carol Blommel seconded motion and the meeting was adjourned.

## **Afternoon Technical Sessions**

The first afternoon speaker was Dan Zarembinski of Engineering America. Dan gave an in depth presentation on the considerations for utilizing the Sequencing Batch Reactor process for wastewater treatment. The Aqua-Aerobic Systems SBR line was reviewed along with the benefits/disadvantages of the conventional types of wastewater treatment such as oxidation ditches with final clarifiers. The reduced capital cost appears to be the largest advantage over conventional treatment alternatives, in addition to the process being completely adaptable to biological nutrient removal. Dan explained how the bugs “Puke” in the dead zone to accomplish the nutrient removal process.

The second and last afternoon speaker was Cal Dufault of Ziegler. Cal reviewed the utility deregulation that has been occurring in the power generation and transmission sector. The discussion covered what is happening in various regions throughout the country and what options are available to reduce costs.

The last agenda item of the day was touring the Ziegler Power Systems Facility. Chuck Roehrich graciously showed the group around the new facility. It was quite impressive and left the group with a strong impression of how committed the Ziegler Group is in providing a service that is second to no one in their industry.

Respectfully Submitted

Joel W. Schmidt – MWOA Metro/Suburban Section Secretary