

# **WPCA/Dominion**

## **Particulate-Scrubber Seminar**

### **Agenda**

*Dominion Technical Center, Glen Allen, VA  
October 24-25, 2005*

The WPCA and Dominion are hosting a free Particulate-Scrubber Seminar for all WPCA members. WPCA members must be actual users of APC equipment. If you are not a member, you must apply for membership when you register.

#### **October 24, 2005 - Monday**

12:00 - 1:00	<b>Registration at Dominion's Innsbrook Technical Center 5000 Dominion Blvd., Glen Allen, VA 23060</b>
1:00	<b>Welcome by William Armiger, Chairman of WPCA</b>
1:00 - 1:30	<b>Ways to Improve Performance of Marginal ESPs by Hank Kowalczyk, EPSCO International Ltd.</b>
1:30 - 2:00	<b>Flow Distribution Influences on APC Equipment Performance by Rob Mudry, Airflow Sciences</b>
2:00 - 2:30	<b>ESP Hot Topics by Tom Lugar, Fisher-Klosterman</b>
2:30 - 3:15	<b>Tips and Tricks for Achieving Optimum Precipitator Performance by Paul Ford, Redkoh Industries</b>
3:15 - 3:30	<b>Break</b>
3:30 - 4:00	<b>SO<sub>3</sub> Injector Fouling; Causes and Solutions by Mike Vukmir, Chemithon</b>
4:00 - 4:30	<b>Pulse-Jet Overview and Common Problems by Jeff Ladwig, GE Energy (BHA)</b>
4:30 - 5:00	<b>Mercury Issues for ESPIFF Technology by Scott Hinton, SRI</b>
5:00 - 5:30	<b>The Science of Fuel Selection and the Effects on ESPs by Tony Widenman, DTE &amp; David Nordstrand, DTE</b>
5:30 - 6:30	<b>Reception for all seminar attendees</b>

#### **October 25, 2005 - Tuesday**

7:00 - 8:00	<b>Registration &amp; Continental Breakfast (Dominion Technical Center)</b>
8:00 - 9:00	<b>Key Factors of Wet Scrubber Operation with a Brief Overview of the Process by Tom Robinson, Babcock Power</b>
9:00 - 9:15	<b>Break</b>
9:15 - 10:15	<b>Dry Scrubbing: An Overview of the Technology by Greg Bielawski, B&amp;W</b>
10:15 - 10:30	<b>Break</b>
10:30 - 11:30	<b>Panel I: Scrubber Hot Topics: Moderated by Hans Hartenstein, STEAG LLC (Heavy ash loading; Chemical factors leading to scaling; Coating material on slurry pumps; etc) Panelists: Greg Bielawski, B&amp;W; Tom Robinson, BP; Tom Walsh, Marsulex; Jim Murphy, Wheelabrator</b>
11:30 - 12:00	<b>Mercury Issues for Scrubber Technology (removal, monitors and effects on scrubber waste stream) by Tom Gale, SRI</b>
12:00 - 1:30	<b>Lunch</b>
1:30 - 2:45	<b>Panel II: Scrubber O&amp;M Issues Chairman: Ron Richard, EPSCO International Panelists: Melissa Thompson, TVA; Bob Candelaria, SRP; Bill Lyon, Dominion, Cinergy</b>
2:45 - 3:15	<b>Pet Coke: Effects on Wet and Dry Scrubbing by Hans Hartenstein, STEAG LLC</b>
3:15 - 3:30	<b>Break</b>
3:30 - 4:00	<b>Wet Electrostatic Precipitation Technology for the Utility Industry by Buzz Reynolds, Wheelabrator</b>

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4:00 - 5:00

**Open Forum - Moderated by Jerry Presley, Dominion**  
**How to avoid wear and tear in scrubbers** (Limestone feed to ball mills; Limestone classifier underflow piping;  
Limestone storage tank FRP coatings etc.)