

# Agenda

*As of January 6, 2008*

## Compressed Air Nuclear Users' Group Annual Meeting

January 14—18, 2008  
Contemporary Resort & Conference Center  
Orlando, Florida, USA

*Air Purification Systems – Theory and Operations Seminar – January 14 & 15*

*Pneumatic Products Corporation  
Engineered Products Group*

<u>DAY 1</u>	<u>Monday</u>	<u>Presenter</u>
8:30	<u>Opening Comments</u> Introductions Course Outline Attendee Special Interest - Goals	Sam Fanek
9:15	<u>Fundamentals of Compressed Air</u> Basic Compressed Air Theory (28)	Sam Fanek
9:45	<u>Compressed Air Industry's Fourth Utility</u>	CAGI Video
10:00	*****MORNING BREAK*****	
10:15	<u>Contamination of Compressed Air</u> Need for Dry Air (22)	Al Lombardi
10:45	<u>Compressed Air System Components</u> Fundamentals of a Compressed Air System (21)	Sam Fanek
11:45	<u>Principles of Air Compressors</u>	CAGI Video

12:00	*****LUNCH*****	
1:00	<u>Fundamentals of Adsorption/Desiccant</u> Adsorption Theory (18)	Al Lombardi
1:30	<u>Basic Dryer Types</u> Fundamental Dryer Types (26)	Sam Fanek
2:30	*****AFTERNOON BREAK*****	
2:45	<u>Fundamentals of Filtration</u> Filtration Theory & Samples (30)	Al Lombardi
3:30	<u>Daily Review</u> Questions & Answers	Sam Fanek
4:00	<u>Adjourn For The Day</u>	
<b>DAY 2</b>	<b><u>Tuesday</u></b>	<b><u>Presenter</u></b>
8:30	<u>Day 1 Review</u> Questions Course Outline	Sam Fanek
9:00	<u>Common Energy Management Systems</u> The Need for Energy Management (12)	Sam Fanek
9:30	<u>General Switching Valve Types</u> Switching Valve Types (22)	Jay Winchester
10:15	*****MORNING BREAK*****	
10:00	<u>Troubleshooting the System</u> Troubleshooting (17)	Al Lombardi
10:30	<u>Typical Dryer Maintenance</u> Preventive Dryer Maintenance (23)	Jay Winchester
12:00	*****LUNCH*****	
1:00	<u>Hydrogen Coolant Purifier</u> Generator Coolant Purification (36)	Al Lombardi
2:30	*****AFTERNOON BREAK*****	
2:45	<u>Dryer Modernization Opportunities</u> Modernizing (12)	Sam Fanek
3:15	<u>Industry Experience/Scenario Discussion</u> Classroom Roundtable Discussion	Team
4:15	<u>Session Wrap Up and Closing Comments</u> Course Review	Team
4:30	<u>Adjourn Class</u>	

***CANUG Meeting – January 16-18*****Wednesday Morning**

8-9:10 Attend AUG meeting to hear KEYNOTE SPEAKER

9:10-10:00 Design for the future, Update and what do we really need: Bill Eister (may substitute another speaker)

10:25-11:45 SONGS: As You've Never Heard Them Dave Tuttle (SONGS, tentative)

**Wednesday Afternoon**

1:30-2:30 Lessons Learned from Turkey Point (John Ashley, Principle Engineer, Turkey Point)

3:00-5:00 Operating Experience Discussion: Bill Eister as Facilitator (Oconee Nuclear Station)

(NOTE: Wednesday Evening take time to review System Health Reports in preparation for discussion on Thursday)

**Thursday Morning**

8:00-10:30 Compressor and IA System Reliability Bill Scales (Scales Air Compressor Corporation)

11:00-12:00 Challenges for this past year Bill Eister (Facilitator)  
(\*Another Speaker might be available to fill this spot)

**Thursday Afternoon**

Plant Air System Health Report discussion (each Plant represented has an opportunity to discuss the Health of their System),

Bill Eister as Facilitator (Oconee Nuclear Station)

Design the New Compressed Air System for the Next Generation Nuclear Power Plant.

**Friday Morning**

8-9:30 Steven M. Unikewicz (NRC) NRC's Perspective on Compressed Air

9:30-11:30 Future Training Opportunities, Future CANUG Direction  
Bill Eister as Facilitator (Oconee Nuclear Station)