

2018 Compressed Air Nuclear User's Group (CANUG) Agenda

New Orleans Marriott
New Orleans, Louisiana

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DAY 1 Monday, January 15th ---SPX/Pneumatic Products (Vic Zanchetta)

8:30 Opening Comments

- Introductions
- Course Outline
- Attendee Special Interest - Goals

9:15 Fundamentals of Compressed Air

Basic Compressed Air Theory (28)

9:45 Compressed Air Industry's Fourth Utility

10:15 Contamination of Compressed Air

Need for Dry Air (22)

10:45 Compressed Air System Components

Fundamentals of a Compressed Air System (21)

11:45 Principles of Air Compressors

1:00 Fundamentals of Adsorption/Desiccant

Adsorption Theory (18)

1:30 Basic Dryer Types

Fundamental Dryer Types (26)

2:45 Fundamentals of Filtration

Filtration Theory & Samples (30)

3:30 Daily Review

Questions & Answers

4:00 Adjourn For The Day

DAY 2 Tuesday, January 16th, SPX/Pneumatic Products

(**Someone to volunteer to set up a meal for Wednesday Evening for the CANUG members)

8:30 Day 1 Review Questions and Course Outline

9:00 Common Energy Management Systems

The Need for Energy Management (12)

9:30 General Switching Valve Types

Switching Valve Types (22)

10:15 Troubleshooting the System

Troubleshooting (17)

10:30 Typical Dryer Maintenance Preventive Dryer Maintenance (23)

1:00 - 2:15 Dryer Modernization Opportunities

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Modernizing (12)

Break

2:30 Industry Experience/Scenario Discussion
Classroom Roundtable Discussion

4:00 Session Wrap Up and Closing Comments
Course Review
(Get Final Wednesday dinner count)

4:15 Adjourn Class

Wednesday Morning, January 17th

8:00 - 8:15 Morning introductions, Questions/Goals
(Bill Eister--Facilitator, Oconee Nuclear Station, Duke Energy)

8:15 - 9:30 Opportunities & Challenges for CANUG
Future CANUG Direction, Leadership
Bill Eister as Facilitator (Oconee Nuclear Station)

Break

9:45 - 10:45 Applying 50.69 Alternative Treatments to air systems
(Jennifer Varnedoe - Duke Energy)

10:50 - 11:50 Temporary Compressor / Diesel Maintenance Training
(Scott Davis, Eric Rivera - Aggreko)

Lunch

Wednesday Afternoon, January 17th

1:15 - 2:30 EPRI's Rotary Screw Air Compressor Guide Project
- Review Session
(Rick Pepin - EPRI)

Break

2:40 - 3:30 EPRI's Rotary Screw Air Compressor Guide Project
- Comments Session
(Rick Pepin - EPRI)

Break

3:45 - 5:00 Each plant (or as many as possible) will have the opportunity to discuss Events of the year and Plant Health.
Bring your System Walkdown, Health Reports, and your SOER 88-1 INPO Visit Results.
(Bill Eister--Facilitator, Oconee Nuclear Station, Duke Energy)

4:30 – 6:30 Reception & Vendor Exhibit Displays **Exhibit Hall**

CANUG Dinner at local restaurant (Families and guests encouraged - Optional)

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Thursday Morning, January 18th

8:00 - 8:15 Morning introductions, Questions/Goals
(Bill Eister--Facilitator, Oconee Nuclear Station, Duke Energy)

8:15 - 9:30 Compressor Training
(Ingersoll Rand)

break

9:45 - 11:00 Compressor Training
(Ingersoll Rand)

11:00 -12:00 TBD

Lunch

1:30 - 3:30 ICES OE discussion
(get a volunteer to lead this ahead of time)

break

3:45 - 5:00 System Walkdowns, Monitoring and Trending discussion (cont.)
(ALL)

4:30 – 6:30 Reception & Vendor Exhibit Displays **Exhibit Hall**

Friday Morning, January 19th

8:00 - 8:15 Closing and Survey

8:15 - 9:30 TBD

break

9:45 - 11:30 Discussion concerning the Instrument Air Engineer/Specialist and System Walkdowns, and any other discussions that might not have been completed.
(Bill Eister, Facilitator)

Adjourn