

**AF&PA RECOVERY BOILER PROGRAM**  
**OPERATIONAL SAFETY SEMINAR &**  
**REVIEW OF AF&PA AND BLRBAC GUIDELINES**

**April 23-24, 2019**

**Atlanta Airport Marriott Hotel**  
**4711 Best Road**  
**Atlanta, GA**

**PRELIMINARY AGENDA**

**FIRST DAY SCHEDULE – Tuesday, April 23, 2019**

- 12:30 p.m. Registration - Distribution of materials and table assignments
- 1:15 p.m. Welcome and introductory remarks  
AF&PA Antitrust Policy / Schedule  
Explanation and outline of seminar / review format by monitors
- John Andrews, Boiler Services & Inspection, LLC (BSI)
  - Dean Clay, Boiler Services & Inspection, LLC (BSI)
- 1:30 p.m. Incidents 1 through 4 - Assigned reading and discussion at tables
- 2:15 p.m. Group report and open discussion of Incident 1
- 2:45 p.m. Coffee break
- 3:00 p.m. Group reports and open discussions of Incidents 2, 3, and 4
- 4:30 p.m. Recovery Boiler Explosion Experience – Brief Review
- Dean Clay
- 5:00 p.m. **“Root Cause”** - Five key problem areas (training, maintenance, staff support, personnel qualifications, and production pressure) Summary and discussion
- John Andrews
- 5:15 p.m. Adjourn
- 6:00 p.m. Dinner

**SECOND DAY SCHEDULE – Wednesday, April 24, 2019**

- 7:00 a.m. Continental breakfast
- 8:00 a.m. Explanation of morning’s activities
- 8:15 a.m. Incidents 5 and 6 - Assigned reading and discussion at tables
- 9:00 a.m. Group reports and open discussions of Incidents 5 and 6
- 10:00 a.m. Coffee Break
- 10:15 a.m. General discussion of impediments to leak detection and of pyrolysis gas explosions
- 10:30 a.m. Review of submitted “Operating Problems - Discussion Suggestion Sheets”
- 11:00 a.m. **Discussion – Messrs. Clay and Andrews**  
What are the signs of a leak in the control room?
- Indications of a Pressure Part Leak
  - Decision Time
  - Best Practices
  - Construction and use of decision charts
- Interlocks and interlock bypassing
- Purpose of interlocks
  - Major interlock systems on recovery boilers
  - Specific procedures employed when interlocks are not functioning
- Keeping spouts operating properly  
Procedures for opening plugged spouts  
Protective equipment
- 11:45 a.m. How to use BLRBAC and AF&PA resources
- 12:00 noon Adjourn

AF&PA – Recovery Boiler Program  
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# OPERATING PROBLEMS

## DISCUSSION SUGGESTION SHEET

Please take a moment to share your thoughts!!!  
Just jot down some things that you would like to have discussed!!!

<b>SUCCESSES</b>			
	<b>CHALLENGES</b>		
		<b>QUESTIONS</b>	
			<b>ISSUES</b>
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**POSSIBLE TOPICS:** Precipitators, carbon steel, sootblowers, steam outs, instrumentation, ID fan, green liquor, FD fan, burner management, hoppers, superheater, water wash, cyclone evaporator, egress, insurance, spout cooling, qualification, plugging, generating bank, density, lagging, corrosion, combustibles, ESP, blowdown, pumps, capacity, agitators, metal spray, NDE, scaffolding, refractory temperature, agitators, drum level, air heater, emergency, personnel, atomizing steam, nozzles, sarco strainer, safety shut/off valves, smelt, near drum corrosion, double valve and tell-tale, refractory temperature, metal spray, flame detector, studs, fire protection, sprayer plates.

Completed forms can be submitted anytime during the seminar.

Also, please offer your suggestions of how to improve these Operational Safety Seminars. Thank you.