



Operations and Power Division  
Special Edition Newsletter



ANS 2014 20<sup>th</sup> Utility Working Conference  
Amelia Island Plantation, Florida  
August 10-13, 2014  
Cost-Effective Excellence

Please join us for the 20<sup>th</sup> anniversary of the Utility Working Conference (UWC). The theme of the conference, “Cost-Effective Excellence,” features a comprehensive review and discussion of the INPO Industry Burden Reduction initiative. The meeting is being sponsored by the USA Alliance under leadership of PPL Susquehanna with participation USA Alliance nuclear plants.

## The UWC Benefits Nuclear Power Plants

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The UWC facilitates:

- **Idea sharing** among attendees with diverse perspectives
- **Benchmarking** and **best practices** sharing
- **Problem solving** addressing current industry challenges

Benefits to the individual attendees include:

- Stimulating discussion and enhanced opportunities to get “take-aways” from a number of sources
- Ability to move freely from track to track
- The chance to meet and speak directly with utility management, peers, suppliers, and regulators in an informal atmosphere.

Please use the following link to see an updated program [2014 American Nuclear Society Utility Working Conference](#)

# Highlights for the 2014 Conference

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The meeting opening plenary session will feature *NRC Commissioner Kristine L. Svinicki* and Dan Bost, Chief Nuclear Officer of Southern Company.

The conference features the following tracks:

- Business
- Fukushima Response/Emergency Planning
- Engineering
- Equipment Innovation/Supply
- Executive
- Maintenance
- Operations
- Performance Improvement
- Regulatory Relations/Oversight
- Risk Management
- Training
- Work Management

On Thursday, there is an optional ANS Professional Development Workshop on *Root Cause Analysis for Safety Culture and Human Performance Improvement* (workshop attendance is limited to 30 attendees).

There is Vendor Expo where over 90 nuclear and utility industry vendors will show their latest innovations and technologies.

## Special Utility Rate Approved for 2014

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The meeting features a new **Utility Discount Rate of \$699** for individuals working for a utility. This rate is valid *at any time*, including onsite walk up registration.

# Detailed Topics

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The following partial list of the planned sessions shows the enormous depth and breadth of the conference:

- *Leadership That Drives Cost Effective Excellence*
- *Cumulative Impact (Burden Reduction) (4 sessions)*
- *Cost-Effective Excellence from a Regulatory Perspective*
- *The TSTF Traveler Process, 20 Years of Cost-Effective Technical Specifications Improvement*
- *How can Utilities Preserve Diversity in our Generating Mix and avoid Disruption of Power Markets?*
- *Risk-Informed Applications that Result in Station Cost Reduction*
- *Lessons Learned and Economic Consequences for Recent Nuclear Plant Closures*
- *Phased Array Ultrasonic Inspection: New Uses in the Nuclear Industry Save Time and Improve Quality*
- *Alloy 600 and Stress Corrosion Mitigation Strategies*
- *True Equipment Innovations – Introducing New Technologies to the Nuclear Industry*
- *Evolution of Site Emergency Preparedness Organizational Responsibilities as a Result of the Accident at Fukushima*
- *Changes to the Role of Emergency Preparedness as a Result of the Fukushima Accident*
- *2014 Maintenance & Work Management Overall Performance Summary*
- *Operations Involvement with Chemistry and Maintaining our Nuclear Units Cost Effective*
- *Improving Operational Performance and Reliability*
- *Addressing Cumulative Impact with DevonWay*
- *CAP-1: Define the CAP and Reduce the CAP Backlog*
- *CAP-2: Reduce Corrective Actions Created*
- *CAP-3: Manage Actions in Other Processes*
- *CAP-4: Analyze Fewer Individual Issues and More in Aggregate*
- *HU-1: Getting Work to the Field*
- *HU-2: Supervisor Coaching and Observation Program*
- *Ongoing Risk-Informed Applications*
- *External Event Risk Assessment and Management*
- *iPad Technology in the Classroom*
- *Subsequent License Renewal*
- *Implementing the Use of Single Person Tasks at Your Station*
- *Supervisor Effectiveness in Managing Equipment Assets*
- *Supervisors Optimizing Wrench Time*
- *Cyber Security for Nuclear Power Plants: Regulatory Status and Lessons Learned*
- *Systems Upgrades - Introducing New Methodologies to the Nuclear Industry*
- *Operational Insights into Cost-Effective Excellence*
- *Working with New Regulatory Affairs Staff*

- *Update on Fukushima Recovery and Inside Perspective of the Event and Response*
- *Load Following and the Impacts on Fuel Costs and Reliability*
- *Eliminating Emergency Diesel Generator (EDG) Errors and Associated Burdens Using EDG Simulator*
- *Cumulative Impact of Regulation and Role of PRA*
- *The Vendor's Role in Partnering for Cost-Effective Excellence*
- *Eliminating Burdens to Profitable Performance*
- *Excellence in Supplier Performance*
- *Advanced Engineering Training Initiative*
- *New Construction Insights into Cost-Effective Excellence*
- *Assessing Readiness for Fukushima Response Actions*
- *Lifting and Rigging, Learning from our Past*
- *Operational Cost Savings*
- *Cumulative Effects of Regulation and Risk Prioritization*
- *Defense in Depth (Applying PRA Insights in a Defense in Depth Framework)*
- *Simulator Modeling*
- *Increasing the Use of Minor Maintenance at your Station*
- *Optimizing Preventive Maintenance*
- *Eliminating Burdens to Profitable Performance Cost Effective Preventive Maintenance*
- *Regional Response Center Update*
- *Meeting the Challenge to Thrive - Supply Chain Opportunities in a Changing Nuclear Landscape*
- *Establishing and Maintaining an Effective Leak Control Program*
- *Small Modular Reactors as a Future Cost Saving Option for the Industry*
- *Use of Technology Within Regulatory Processes*
- *OJT/TPE Alternate Paths*
- *Establishing a Risk Based Accountability for Work Load*
- *Increasing the Effectiveness of the Preventive Maintenance Feedback/Review Process*
- *Reducing Urgent / Emergent Work that is Disrupting Work*
- *Establishing a Gatekeeper to Ensure New Work is Technically and Cost Justified*
- *Fully utilizing Existing Computer Tools and Plant Data*
- *Industry "Best Practices" in Equipment Obsolescence and Critical Spares Programs*
- *Burden Reduction through Equipment and Process Solutions*
- *Fukushima: Disposition of Seismic Study Results*
- *Project Reliability: Path to Excellence for Systems Returned to Operations*
- *Commercial Grade Dedication Guidance Update*
- *Executive Perspectives*
- *Fukushima: Disposition of Flooding Level Study Results*
- *Nuclear Power: Managing Technology*
- *Project Implementation and Successful Turnovers Between Engineering and Operations*
- *Preserving a Healthy Safety Culture while Implementing Cumulative Impact Initiatives*
- *Work Management and Maintenance Challenges at your Station and the Next Steps to Improve Efficiency*

# Conference Chairs and Meeting Overview

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The General Chairs are:

- Timothy Rausch (Senior VP and Chief Nuclear Officer, PPL Susquehanna, LLC) and
- Thomas P. Joyce (President and Chief Nuclear Officer, PSEG Nuclear).

The Technical Program Chair is William Bishop, General Manager, Maintenance, PPL Susquehanna.

The Assistant Technical Program Chairs are:

- Marilyn Kray (Vice President, Exelon Partners, LLC) and
- Thomas Remick (Transient Analysis Section Leader, Arizona Public Service)

The meeting kicks off on with an opening reception on the evening of Sunday August 10, and finishes with a closing luncheon on Wednesday August 13. The optional workshop on ***Root Cause Analysis for Safety Culture and Human Performance Improvement*** is Thursday August 14.

For interested golfers, there is a golf tournament Sunday morning.

On Tuesday August 12 there will also be a special evening event for all attendees sponsored by EXCEL Services Corporation hosted by Donald R. Hoffman, EXCEL President/CEO and Past President of ANS.

## The Venue

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Amelia Island Plantation has just completed a comprehensive enlargement and renovation of facilities including the addition of over 300 rooms at the main beach hotel complex, a new exhibit hall, a 15,000 square foot Green Area, a new parking garage, a new athletic facility in the main hotel, two upgraded beachfront swimming pools, a new lounge / lobby area and addition of more meeting rooms. This expansion has allowed us to return, as the UWC had outgrown the previous facilities.

The result is a major facility that can accommodate the UWC while maintaining a quiet and restful family-friendly environment where UWC is the only major event in progress. Amelia Island is a full service facility, and a rental car is not needed since a free shuttle service exists for movement between facilities and venue for golf, shopping, swimming, tennis and other amenities. In addition to the main



hotel's 660 rooms, accommodations are available in condos on the beach as well as a variety of other settings.



To reach Amelia Island Plantation by air use the Jacksonville, FL Airport. The hotel is located directly east of Jacksonville on Route A1A, about two miles south of Fernandina Beach, FL. An airport shuttle service can be used to reach the facility.

The hotel special conference rate is \$155 per night if reserved by July 18, 2014