



2008 UTILITY WORKING CONFERENCE AND VENDOR TECHNOLOGY EXPO

August 3-6, 2008

Amelia Island, Florida • Amelia Island Plantation



“Knowledge Transfer: The Key to Continuing Operations Excellence”

Official Program

2008 UWC – CONFERENCE TRACKS

**Engineering • Executive • Nuclear Knowledge Management •
Operations • Oversight/Quality Assurance • Performance Improvement •
Regulatory Relations • Risk Management • Work Management**



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additional information*



CONTRIBUTING ORGANIZATIONS

*The organizations listed below have made an outstanding contribution to the success of the
2008 UTILITYWORKING CONFERENCE
and to the enjoyment of the attendees and their guests through their generous sponsorship.*

Day & Zimmerman, NPS

Sponsor of the Logoed Guest Room Key Cards

Shaw Group

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SUNDAY, AUGUST 3, 2008

Invensys

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AREVA

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Curtiss-Wright Flow Control Nuclear (Enertech, Nova, Scientech, Target Rock, Trentec)

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Co-Sponsors of the Opening Dinner

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MONDAY, AUGUST 4, 2008

Bechtel Power Corporation

Argo Turboserve Corporation

Co-Sponsors of the Continental Breakfast in the Vendor Technology Expo

Curtiss-Wright Flow Control Nuclear (Enertech, Nova, Scientech, Target Rock, Trentec)

Sponsor of the Mid-Morning & Afternoon Refreshment Break in the Vendor Technology Expo

GE Hitachi Nuclear Energy

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Co-Sponsor of the Lunch in the Vendor Technology Expo

TUESDAY, AUGUST 5, 2008

Sargent & Lundy

Sponsor of the Sunrise Breakfast

American Crane & Equipment Corporation

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Enercon Services, Inc.

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WEDNESDAY, AUGUST 6, 2008

IBM

Sponsor of the Continental Breakfast in the Vendor Technology Expo

Unistar Nuclear Energy

Sponsor of the Refreshment Break

2008 UTILITY WORKING CONFERENCE: Available Sponsorship Opportunities

Wednesday, August 6, 2008

Sponsorship of the Conference Closing Luncheon

*For information and pricing for any of the available sponsorship
opportunities during the 2008 Utility Working Conference,
please contact Dave Slaninka at 708-579-8255 or dslaninka@ans.org*

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2008 UTILITY WORKING CONFERENCE AND VENDOR TECHNOLOGY EXPO

“Knowledge Transfer: The Key to Continuing Operations Excellence”

August 3-6, 2008 • Amelia Island, Florida • Amelia Island Plantation

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Program Committee

2008 Utility Working Conference: Program Committee

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Performance Improvement	Mark Reinhart, International Atomic Energy Agency	Bill Corcoran, Nuclear Safety Review Concepts Corporation Roman Estrada, Nebraska Public Power District
Regulatory Relations	Eric Leeds, US Nuclear Regulatory Commission	Travis Tate, US Nuclear Regulatory Commission
Risk Management	C. Rick Grantom, South Texas Project Nuclear Operating Company	Greg Krueger, Exelon Corporation
Work Management	Todd Adler, Southern California Edison Company	Pete Arthur, FirstEnergy Corporation

Condensed Conference Schedule

2008 Utility Working Conference & Vendor Technology Expo

August 3-6, 2008 • Amelia Island Plantation • Amelia Island, Florida

DATE	TIME	EVENT/SESSION
SUNDAY, AUGUST 3, 2008	8:00 A.M.	GOLF TOURNAMENT
	3:00 P.M. - 7:00 P.M.	MEETING REGISTRATION
	6:00 P.M. - 7:00 P.M.	OPENING RECEPTION in the VENDOR TECHNOLOGY EXPO <i>Blended & Frozen Bars Sponsored by AREVA</i> <i>Cold Appetizers and Hosted Beer/Wine/Soft Drinks Sponsored by EnergySolutions</i> <i>Hot Appetizers Sponsored by Curtiss-Wright Flow Control Nuclear (Enertech, Nova, Sciencetech, Target Rock, Trentec)</i>
	7:00 P.M. - 8:30 P.M.	DINNER <i>Co-Sponsored by EXCEL Services Corporation and Fluor Corporation</i> <i>Beer/Wine/Soft Drinks Sponsored by EPM (Engineering Planning and Management, Inc.)</i>
	8:30 P.M. - 10:00 P.M.	DESSERT and CORDIAL RECEPTION in the VENDOR TECHNOLOGY EXPO <i>Co-Sponsored by The Brock Group and Mitsubishi Heavy Industries, Ltd./Mitsubishi Nuclear Energy Systems</i>
MONDAY, AUGUST 4, 2008	7:00 A.M. - 4:30 P.M.	MEETING REGISTRATION
	7:30 A.M. - 8:30 A.M.	CONTINENTAL BREAKFAST in the VENDOR TECHNOLOGY EXPO <i>Co-Sponsored by Argo Turboserve Corporation and Bechtel Power Corporation</i>
	8:30 A.M. - 12:00 P.M.	PLENARY SESSION “Knowledge Transfer: The Key to Continuing Operations Excellence”
	10:00 A.M. - 10:30 A.M.	REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO <i>Co-Sponsored by Curtiss-Wright Flow Control Nuclear (Enertech, Nova, Sciencetech, Target Rock, Trentec)</i>
	12:00 P.M. - 1:30 P.M.	WALK-AROUND LUNCHEON in the VENDOR TECHNOLOGY EXPO <i>Co-Sponsored by GE Hitachi Nuclear Energy and URS Washington Division</i>
	1:30 P.M. - 5:00 P.M.	TECHNICAL SESSIONS ENGINEERING “Digital Upgrades for Improved Equipment Reliability” EXECUTIVE “Maintaining a Knowledgeable Workforce – Knowledge Collection and Sharing, Electronic Performance Support, Mentoring, and Training Strategies” NUCLEAR KNOWLEDGE MANAGEMENT “Nuclear Knowledge Management Overview” OPERATIONS “Best Practices in Operations—Tools, Tips and Tricks—Poster Session” OVERSIGHT/QUALITY ASSURANCE “Commercial Grade Dedication” PERFORMANCE IMPROVEMENT “Assessing to Create Knowledge and Challenge How We See: A Key to Operations Excellence” REGULATORY RELATIONS “Knowledge Management of Generic Issues/Generic Communication Activities” RISK MANAGEMENT “Fire PRA Implementation” WORK MANAGEMENT “Work Management Defining Expectations/Standards”
	2:30 P.M. - 3:00 P.M.	AFTERNOON REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO <i>Co-Sponsored by Curtiss-Wright Flow Control Nuclear (Enertech, Nova, Sciencetech, Target Rock, Trentec)</i>

Condensed Conference Schedule

DATE	TIME	EVENT/SESSION
TUESDAY, AUGUST 5, 2008	7:00 A.M. - 4:30 P.M.	MEETING REGISTRATION
	7:00 A.M. - 8:30 A.M.	SUNRISE BREAKFAST <i>Sponsored by Sargent & Lundy</i>
	8:30 A.M. - 12:00 P.M.	TECHNICAL SESSIONS ENGINEERING "Nuclear Renaissance – Staffing for its Future" ENGINEERING "Work Control for Equipment Reliability, Getting the Right Things Fixed at the Right Time" NUCLEAR KNOWLEDGE MANAGEMENT "Human Aspects of Nuclear Knowledge Management" OPERATIONS "Human Performance Measurement–Monitoring for Success in Operations" OVERSIGHT/QUALITY ASSURANCE "New Plant Construction Standardization Initiatives" PERFORMANCE IMPROVEMENT "Operational Excellence...Yesterday, Today and Tomorrow" REGULATORY RELATIONS "New Reactor Licensing: Design Finality v. Application Reality" RISK MANAGEMENT "Building the PRA Infrastructure" WORK MANAGEMENT "AP-928 Revision 3"
	10:00 A.M. - 10:30 A.M.	REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO <i>Sponsored by American Crane & Equipment Corporation</i>
	12:00 P.M. - 1:30 P.M.	WALK-AROUND LUNCHEON in the VENDOR TECHNOLOGY EXPO <i>Co-Sponsored by Enercon Services, Inc. and Westinghouse Electric Company</i>
	1:30 P.M. - 4:30 P.M.	SPECIAL PANEL SESSION: "NKM Applications: New Plant Construction Risk Management"
	2:30 P.M. - 3:00 P.M.	REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO <i>Sponsored by American Crane & Equipment Corporation</i>
	4:30 P.M. - 6:30 P.M.	RECEPTION in the VENDOR TECHNOLOGY EXPO <i>Sponsored by the Technology Expo Vendors</i> <i>Beer/Wine/Soft Drinks Sponsored by NDS and SAP America, Inc.</i>
	7:30 P.M. - 11:00 P.M.	"SHAKE YOUR GROOVE THING" EVENT <i>Sponsored by EXCEL Services Corporation</i>
WEDNESDAY, AUGUST 6, 2008	7:00 A.M. - 11:30 A.M.	MEETING REGISTRATION
	7:30 A.M. - 8:30 A.M.	CONTINENTAL BREAKFAST in the VENDOR TECHNOLOGY EXPO <i>Sponsored by IBM</i>
	8:30 A.M. - 12:00 P.M.	TECHNICAL SESSIONS ENGINEERING "Equipment Reliability Results and New Developments" NUCLEAR KNOWLEDGE MANAGEMENT "KM Practices, Tools and Expert Systems" OPERATIONS "Building Talent into the Operating Organization" OVERSIGHT/QUALITY ASSURANCE "Insights into Nuclear Quality and Engineering for Global New Reactor Build and Complex Nuclear Construction Projects" PERFORMANCE IMPROVEMENT "CAP – Corrective Action Program – Continuous Performance Improvement" REGULATORY RELATIONS "Effective Use of Operating and Construction Experience in Knowledge Management" RISK MANAGEMENT "Risk Informed Applications" WORK MANAGEMENT "Station Work Management Training"
	10:00 A.M. - 10:30 A.M.	REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO <i>Sponsored by Unistar Nuclear Energy</i>
	12:00 P.M. - 1:30 P.M.	WRAP-UP LUNCHEON

Conference Information



Accommodations and Hotel Information

The Amelia Island Plantation will be the location for the 2008 Utility Working Conference, where all meeting activities and technical sessions will take place. Amelia Island Plantation is Florida's premier AAA-Four Diamond destination island resort in perfect harmony with nature. The 1350 acre property overlooks the blue water of the Atlantic on the east and the green marshland and Intracoastal Waterway on the west.

Local Attractions and Activities:

One of America's few remaining unspoiled island paradises, Amelia Island is the southernmost of the chain of Atlantic coast barrier islands that stretch from North Carolina to Florida. Its rich history, 13 miles of uncrowded beaches, lush, natural setting, moss-covered oaks, unparalleled golf, boating, and fishing, stunning sunrises and sunsets, and friendly "locals" make it more than just a place to visit. Amelia Island's stunning natural and historic attractions make it the vacation or relocation "destination of choice" for many. The Island offers its guests its jealously guarded natural beauty, the charm of yesteryear, and an almost unlimited range of sports and leisure opportunities.

Conference Registration

Registration is required for all attendees and presenters. Badges are required for admission to all events.

The Conference Registration fee includes one ticket to each of the following events: Sunday Welcome Reception/Dinner; Monday, Tuesday and Wednesday Luncheons; and a copy of the available meeting materials on a CD-Rom.

NOTE:

Additional tickets can be purchased at the ANS Registration Desk for the Sunday Welcome Reception/Dinner; Monday, Tuesday and Wednesday Luncheons; and the Thursday Luncheon (ANS Professional Development Workshop).

Registration Hours:

The Conference Registration Desk will be located in the Amelia Foyer at the Amelia Island Plantation Convention Center. You may register, purchase tickets for events, or pick up your registration packet during the following hours:

SUNDAY, AUGUST 3, 2008
3:00 p.m. - 7:00 p.m.
MONDAY, AUGUST 4, 2008
7:00 a.m. - 4:30 p.m.
TUESDAY, AUGUST 5, 2008
7:00 a.m. - 4:30 p.m.
WEDNESDAY, AUGUST 6, 2008
7:00 a.m. - 11:30 a.m.

Amelia Island is the southernmost of the chain of Atlantic coast barrier islands that stretch from North Carolina to Florida.

2008 UWC Golf Tournament

SUNDAY, AUGUST 3, 2008

A special Thank You to *Invensys* — Sponsor of the 2008 Utility Working Conference Golf Tournament Awards Luncheon

GENERAL INFORMATION

The ANS 2008 Utility Working Conference (UWC) Golf Tournament will be held at Amelia Island Plantation's Amelia River Golf Course. The tournament will begin at 8:00 a.m. on Sunday, August 3, 2008.

TRANSPORTATION

The Amelia River Golf Course is centrally located within walking distance from most parts of the Amelia Island Plantation. For those who choose not to walk or drive, you may arrange for courtesy shuttle transportation from anywhere on the resort property by dialing the resort operator.

FORMAT

The format of the tournament will be Captains Choice or Super Ball. With this format, each player will hit his or her drive. You select the best shot and everyone plays their next shot from that location. You continue this until the ball is holed out. We will make every attempt to have the teams paired to keep the scores as close as possible. If you have someone that you wish to play with, please include the name of that golfer on your return email to Sid Sarver.

2008 UTILITY WORKING CONFERENCE: GOLF TOURNAMENT SPONSORS

AREVA (3 Foursomes of Golf)

The Babcock & Wilcox Company

Bechtel Nuclear Power (3 Foursomes of Golf)

Black & Veatch Corporation (2 Foursomes of Golf)

Curtiss-Wright Flow Control (4 Foursomes of Golf)

Enercon Services Inc. (2 Foursomes of Golf)

EnergySolutions

EXCEL Services Corporation (4 Foursomes of Golf)

Flowserve Corporation (2 Foursomes of Golf)

Graybar

HydroAire, Inc.

Invensys (2 Foursomes of Golf)

Kinectrics

PCI—Westinghouse (2 Foursomes of Golf)

ScottMadden Inc. (2 Foursomes of Golf)

Shaw Group

Sulzer Pumps (2 Foursomes of Golf)

Technical Sessions

BREAKFAST in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

MONDAY, AUGUST 4, 2008 • 7:30 A.M. - 8:30 A.M.

Co-Sponsored by Argo Turboserve Corporation and Bechtel Power Corporation

PLENARY SESSION • CUMBERLAND BALLROOM MONDAY, AUGUST 4, 2008 • 8:30 A.M. - 12:00 P.M.

“Knowledge Transfer: The Key to Continuing Operations Excellence”

The theme of the conference this year is “Knowledge Transfer: The Key to Continuing Operations Excellence.” We all share the same challenge of an aging workforce and the need to prepare the next generation to become the industry leaders. This need can be seen not only with the utilities, but also with the vendors, suppliers and regulators. As we look forward to the construction of new plants the workforce will be stretched even thinner. This session will lay the groundwork for the conference by looking at the issue of knowledge transfer from several different perspectives, including those of the regulator, the industry, the international community, and the educator.

WELCOME:

Dr. William E. Burchill (*President, American Nuclear Society*)

KEYNOTE:

R. William Borchardt (*Executive Director of Operations, NRC*)

SPEAKERS:

- Dr. Philip McCullough (*Vice President, Industry Training & Accreditation, INPO*)
- Thomas Mazour (*Team Leader, Division of Nuclear Power, IAEA*)
- Jeanne DiFrancesco (*Principal, ProOrbis, LLC*)
- John de Grosbois (*Manager, Information/Control Systems Design Center, Atomic Energy of Canada, Ltd.*)
- Dr. William E. Burchill (*Texas A&M, retired*)

2008 UWC AWARD PRESENTATIONS:

- 2008 ANS Utility Achievement Award for Sustained Outstanding Performance: Calvert Cliffs Nuclear Power Plant

For demonstrating a prolonged dedication to safe nuclear generation as evidenced by having achieved the highest capacity factor in the country and the highest site generation in four of the last five years; by breaking the record for short refueling outage duration for U.S. Combustion Engineering plants while setting site records for radiation dose control and industrial safety; and by advancing industry efforts in license renewal, physical security, emergency preparedness, and new nuclear generation.

- 2008 ANS Utility Achievement Award for Outstanding Improvement in Performance: Donald C. Cook Nuclear Plant

For successfully implementing a recovery plan focused on people, processes, and tools which in 4 years improved equipment reliability and site capacity factor; reduced refueling outage duration and cost; lowered outage-related radiation dose; and decreased work backlogs, error rate, rework, and operator burden.

- 2008 ANS Utility Leadership Award:
Marvin S. Fertel (*Senior Vice President & Chief Nuclear Officer, Nuclear Energy Institute*)

In recognition of his many achievements as a champion of the nuclear industry in building a consensus among diverse stakeholders, in articulating important and complex issues to the nation's leaders, and in sharing a commitment to nuclear safety as a fundamental value.

REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

MONDAY, AUGUST 4, 2008 • 10:00 A.M. - 10:30 A.M.

Sponsored by Curtiss-Wright Flow Control Nuclear (*Enertech, Nova, Scientech, Target Rock, Trentec*)

WALK-AROUND LUNCHEON in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

MONDAY, AUGUST 4, 2008 • 12:00 P.M. - 1:30 P.M.

Co-Sponsored by GE Hitachi Nuclear Energy and URS Washington Division

ENGINEERING TRACK • CONFERENCE 1 & 2

MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

Session Organizer: David Hooten (*Supervisor, Electrical/I&C Design, Harris Nuclear Plant, Progress Energy*)

“Digital Upgrades for Improved Equipment Reliability”

It's easy to envision how modern digital equipment can enable great leaps forward in the reliability of control, information, and electrical systems. Unfortunately, digital modernization projects to date have not always delivered on promised results. This session will explore what the industry has learned (the good, the bad, and the ugly) about digital upgrade strategy and project execution that, when properly understood and applied, can make digital upgrades a powerful means of achieving the high levels of equipment reliability that plant management seeks.

SPEAKERS:

- “A Strategic Approach to Digital Upgrades. Challenges and Successes,”
Scott Patterson (*Program Manager, I&C Obsolescence, Diablo Canyon, Pacific Gas & Electric*)
- “Results of the Co-Funded Pilot Application of EPRI I&C Strategies Guideline: Integrated Planning to Resolve I&C Obsolescence Issues Within the Exelon BWR Fleet,”
Ray DiSandro (*Senior Engineer, I&C, Exelon Corporate*)
- “Simulation Assisted Engineering,”
Scott Helm (*Software Test Engineer, Comanche Peak, Luminant*)
- “Improving Reliability Through Digital Controls,”
Ron Jarrett (*I&C Engineering Specialist, Tennessee Valley Authority Corporate*)

EXECUTIVE TRACK • CUMBERLAND B

MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

“Maintaining a Knowledgeable Workforce – Knowledge Collection and Sharing, Electronic Performance Support, Mentoring, And Training Strategies”

The industry depends on a knowledgeable workforce to operate and maintain our facilities. With up to 47% of the workforce eligible to retire in the next 10 years, what are you doing to offset the potential knowledge loss? Are you depending on formal training, existing processes and procedures, or mentoring from current workers to prepare for the loss of tacit knowledge possible from the exit of our seasoned workers? How will tacit knowledge loss affect such factors as knowledge of design bases, regulatory margin, and daily operations? This session shall explore the actions senior executives perceive necessary to achieve current and future goals. The executives shall share their experience with what is successful now, future plans, and insight into how successful organizations are addressing these needs.

Technical Sessions

EXECUTIVE TRACK (continued)

SPEAKERS:

- "On the Fast Track to Knowledge Management Success,"
Luis A. Reyes (*Regional Administrator, Region II, U.S. Nuclear Regulatory Commission*)
- "Bridging the Knowledge Management Gap for Successful New Build,"
G. Neil Midkiff (*Nuclear Energy Business Director, Booz Allen Hamilton*)
- "IAEA Knowledge Management Program,"
Yanko Yanev (*Head Knowledge Management Unit, International Atomic Energy Agency*)
- "EPRI New Plant Deployment Program Model:
Knowledge Management during New Plant Development,"
Kyle H. Turner (*Principal, McCallum-Turner, Inc.*)

NUCLEAR KNOWLEDGE MANAGEMENT TRACK • CUMBERLAND A MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

"Nuclear Knowledge Management Overview"

Knowledge Management is a continually evolving discipline of "Meta-processes" (Process based on parts of important processes). Key components of KM include understanding how people learn, establishing and maintaining a body of knowledge, applying KM practices such as benchmarking and operation of Communities of Practice. It is also focused on location and retrieving the right information quickly, at the right time and with the proper context. Therefore key KM tools include IT systems, portals and search engines. But a KM system is not useful to business in a general since it, must be relevant to an industry and to the business within that industry. Achieving this can provide better, more certain business results as well as tangible performance measures to illustrate the business case. This session is focused on providing an overview of the KM process and the key components related to people, technology and equipment. Subsequent sessions will examine each piece in more detail with case studies and examples whenever possible.

SPEAKERS:

- "Knowledge Management Introduction and Overview,"
Vince Gilbert (*Chief Knowledge Officer, EXCEL Services Corporation*)
- "People Aspects of Knowledge Management,"
Carol Berrigan (*Senior Director, Nuclear Energy Institute*)
- "Role of Communities of Practice in Nuclear Knowledge Management,"
Steve Willrett (*Vice President Supply Chain, USA Alliance*)
- "Equipment Aspects of Knowledge Management,"
Daniel Strong (*ER Lead Engineer, Progress Energy*)
- "The Role of Collaboration in NKM Decision Making,"
Amy Barriero (*Deputy NKM Director-Europe, EXCEL Services Corporation*)

OPERATIONS TRACK • CUMBERLAND FOYER MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

Session Organizer: Jim Henry (*Director of Operations, Exelon Corporation*)

"Best Practices in Operations—Tools, Tips, and Tricks—Poster Session"

This poster session will explore new tools, helpful tips, and clever tricks for achieving and sustaining strong performance in Operations. This showcase of selected best practices will emphasize the sharing of experience with the potential for duplication of successes elsewhere. Topics are expected to range from labor-saving techniques for performing common tasks to novel approaches for conducting essential operations. Plants will be asked to self-identify areas in Operations that have exhibited strong performance or where measurable improvements have recently been made. Attendees will discuss the fundamental reasons for success, as identified by the plants. With an eye for the future, the plants will also be asked to identify areas for improvement that may be planned for the coming year. Special provisions will be made for surrogate participation of plants that cannot send a spokesperson.

*PLEASE NOTE: Posters will be displayed in the Cumberland Foyer for the duration of the 2008 Utility Working Conference.

OVERSIGHT/QUALITY ASSURANCE TRACK • OSSABAW MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

Session Organizer: Mark McBurnett (*STP Nuclear Operating Company*)

"Commercial Grade Dedication"

This session will be an interactive discussion on Commercial Grade Dedication and the challenges facing the industry and vendors as the industry moves to new nuclear construction. Commercial Grade Dedication has evolved significantly since the last new units were under construction in the US. Vendor oversight has identified issues with the understanding of Commercial Grade Dedication by suppliers. Speakers will provide an overview of Commercial Grade Dedication requirements and expectations from their respective organizations. The presentations will be intended for an audience of prospective vendor and utility personnel that are not completely familiar with Commercial Grade Dedication.

SPEAKERS:

- "EPRI Projects Related to Commercial Grade Dedication,"
Marc Tannenbaum (*Electric Power Research Institute*)
- "Commercial Grade Dedication Challenges – A Utility Perspective,"
Tim Czuba (*FirstEnergy Nuclear Operating Company*)
- "Dedication and the Growing Equipment Needs of the Nuclear Industry,"
Craig Irish (*Nuclear Logistics, Inc.*)
- "Commercial Grade Dedication – NRC's Perspective,"
Juan Peralta (*US Nuclear Regulatory Commission*)

PERFORMANCE IMPROVEMENT TRACK • CONFERENCE 4 & 5 MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

Session Organizer: Bill Wells (*Operating System Consultant and Self-Assessment Program Manager, Luminant Energy, Comanche Peak Nuclear Power Plant*)

"Assessing to Create Knowledge and Challenge How We See: A Key to Operations Excellence"

One purpose of effective knowledge management is to transfer knowledge successfully. Effective knowledge transfer requires the creation and organization of knowledge. Yet, within current industry self-assessment processes lies little opportunity to explore, create, innovate, and learn. Are we only improving current station processes, or are we also willing to explore ways of aligning station management with alternative views? Have we learned how to see? Nuclear Power Plants may have lost the vision of what can be achieved with self-assessment processes and may have become overly focused on regulator and industry group viewpoints. The purpose of this session is to explore the deeper purpose of organizational self-assessment and to spark a rethinking of the self-assessment process within the nuclear industry.

SPEAKERS:

- "A Challenge to Improve Self-Assessment Frameworks,"
Bill Wells (*Operating System Consultant and Self-Assessment Program Manager, Luminant Energy, Comanche Peak Nuclear Power Plant*)
- "Applying Lean Principles and Practices to Assess Performance, Knowledge, Value, and Build New Assessment Capability,"
Todd McCann (*Principal Consultant and Sensei, Energy Future Holdings*)
- "Use of Virtual Models with Linked Tacit Knowledge to Improve Job Self-Assessment,"
Lewis Hanes (*EPRI Project Consultant*)
James Gallman (*Luminant Comanche Peak Project Manager*)
Joseph Naser (*EPRI Project Manager*)
- "Using Lean Practices in Self-Assessment - Interactive Working Session"
Todd McCann (*Principal Consultant and Sensei, Energy Future Holdings*)

Technical Sessions

REGULATORY RELATIONS TRACK • TALBOT MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

Session Organizer: Tom Blount (NRC)

“Knowledge Management of Generic Issues/Generic Communication Activities”

The NRC issues generic communications, which include bulletins, generic letters, information notices, and regulatory issue summaries, to inform licensees about specific problems, developments, or other matters of interest. Maintaining an awareness and knowledge of specific issues addressed by prior NRC generic communications is important to continued safety of the operating reactor fleet. This session will share with the industry the importance and role of knowledge management in the area of generic communication issues to ensure previous issues remain closed.

SPEAKERS:

- Tom Blount (NRC)
- Edward Weinkam (NMC)
- Michael Schoppman (NEI)
- William Horin (Winston & Strawn)

RISK MANAGEMENT TRACK • CUMBERLAND C MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

“Fire PRA Implementation”

The original plant-specific fire risk analyses were developed for most plants during the late 1990s as part of the Individual Plant Examination for External Events (IPEEEs). As more demanding risk-informed applications have been pursued, enhanced fire PRA analysis methods have been developed and an ANS fire PRA Standard has been issued to support these applications. A large number of first-of-a-kind application of these probabilistic methods are being employed to develop fire risk studies in support of implementation of NFPA 805 under 10 CFR 50.48(c) and other risk-informed applications. Consideration of fire risk insights into the plant configuration risk process under 10CFR50.65(a)(4) and incorporation of fire risk impact for regulatory applications dictated by Reg. Guide 1.200 Rev. 2 will also drive the need to develop an efficient means of identifying fire risk influences. This session will focus on applying fire risk analyses or insights for all the above mentioned applications.

SPEAKERS:

- “Harris Fire PRA Lessons Learned,”
Aaron Moreno (Progress Energy)
- “Implications of Risk-Informed Approaches to Fire Protection Compliance,”
Greg Krueger (Exelon Nuclear)
- “Addressing Multiple Hazard Groups in PRA Applications,”
Doug True (ERIN Engineering)

WORK MANAGEMENT TRACK • SAPELO MONDAY, AUGUST 4, 2008 • 1:30 P.M. - 5:00 P.M.

“Work Management Defining Expectations/Standards”

This session will provide insight to the expectations for each stakeholder in a healthy Work Management environment at a nuclear power station. Equally important is the communication of those expectations and standards and the methods used to overall Work Management performance. In depth discussions in each of these areas will be presented to highlight the approaches that successful Work Management programs employ to ensure safe and reliable plant operations.

SPEAKERS:

- “Roles and Responsibilities,”
Todd Adler (San Onofre Nuclear Generating Station)
- “Communicating the Expectations,”
Speaker to be determined
- “Work Management/Equipment Reliability Metrics,”
Mark Price (Southern California Edison)

AFTERNOON REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO • AMELIA BALLROOM & FOYER

MONDAY, AUGUST 4, 2008 • 2:30 P.M. - 3:00 P.M.

Sponsored by Curtiss-Wright Flow Control Nuclear (EnerTech, Nova, Scientech, Target Rock, Trentec)

SUNRISE BREAKFAST • OCEANVIEW ROOM/TERRACE

(Located on the lower level of the Amelia Inn)

TUESDAY, AUGUST 5, 2008 • 7:00 A.M. - 8:30 A.M.

Sponsored by Sargent & Lundy

ENGINEERING TRACK • CONFERENCE 1 & 2 TUESDAY AUGUST 5, 2008 • 8:30 A.M. - 12:00 P.M.

“Nuclear Renaissance - Staffing for its Future”

The current renaissance of Nuclear power has created exciting times within our Industry. However, with the renaissance comes many challenges and one of the biggest will be Engineering staffing needs to support both existing plants and the new engineering organizations. Presentations will be made by both utilities and Architect Engineers describing strategies they are using to address this critical issue including recruiting, training and workforce retention.

SPEAKERS:

- H. Lee Williams (Vice President Energy Services- Areva)
- Tom Cosgrove (Director Engineering- St Lucie Nuclear Station, Florida Power & Light)
- John Tittington (Manager Nuclear Assessment, Brunswick Nuclear Station, Progress Energy)
- Kent Hamlin (Director of Accreditation- INPO)
- Tony Greco (Senior Vice President Human Resources - Westinghouse)

ENGINEERING TRACK • CUMBERLAND B TUESDAY AUGUST 5, 2008 • 8:30 A.M. - 12:00 P.M.

“Work Control For Equipment Reliability, Getting the Right Things Fixed at the Right Time”

Nuclear plant staffs and stakeholders identify plenty of work activities for limited plant work forces and O&M and Capital budget. The challenge is to identify the right work tasks to achieve the desired equipment performance, prioritize the work, and perform the tasks efficiently. This work must be performed while first ensuring the probabilistic safety of the plant and still meet the power generation goals. Another challenge is to perform all of this within the O&M and Capital budgets. This session will focus on the actions that plants use to be successful.

SPEAKERS:

- “Work Control and Equipment Reliability Interface”
John Dills (Manager, Outage and Scheduling, Progress Energy)
- “Current Industry Performance – What is Working Well and What Needs Improvement,” Alan B. Smith (Manager, Maintenance and Work Management, Institute of Nuclear Power Operations (INPO))
- “One Plant, One Set of Priorities, One Goal – Getting the Right Things Done, When They Need to Be Done”
Jon Anderson (President and CEO, Anderson, Chavet & Anderson Inc.)
- “Getting Results with PM Feedback”
Kenneth Hart (Senior Engineer, PPL Susquehanna, LLC)

NUCLEAR KNOWLEDGE MANAGEMENT TRACK • CUMBERLAND A TUESDAY AUGUST 5, 2008 • 8:30 A.M. - 12:00 P.M.

“Human Aspects of Nuclear Knowledge Management”

The nuclear industry has been addressing the challenge of an aging workforce for several years. Numerous initiatives have been implemented throughout the industry. Some of these include: workforce planning, engaging younger workers, development of educational programs at community colleges, expanding apprenticeship programs, enhancing employee development programs and increasing collaboration in the workplace. This session will share a number of the innovative techniques to increase knowledge retention in the nuclear workforce.

Technical Sessions

NUCLEAR KNOWLEDGE MANAGEMENT TRACK (continued)

SPEAKERS:

- "Introducing the Issue,"
Carol Berrigan (*Senior Director, Industry Infrastructure, Nuclear Energy Institute*)
- "National Initiatives,"
Elizabeth McAndrew-Benavides (*Manager, Industry Infrastructure, Nuclear Energy Institute*)
- "Engaging the Young Generation,"
Lisa Stiles (*Project Manager, Strategic Staffing and Knowledge Management, Dominion Resources Services; and President, IYNC*)
- "Creating a Collaborative Environment,"
Amy Barreiro (*Deputy Director, Knowledge Management-Europe, EXCEL Services Corporation*)
- "Implementing the Program – The Exelon Experience,"
Amy Best (*Vice President, Human Resources, Exelon Nuclear*)
- "A Challenging Marketplace for Resources,"
Jimmy Morgan (*President, WEC Welding and Machining*)

OPERATIONS TRACK • CONFERENCE 3

TUESDAY AUGUST 5, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizer: Preston Pratt (*Operations Unit Supervisor, PP&L Susquehanna*)

"Human Performance Measurement–Monitoring for Success in Operations"

Good human performance is the foundation for efficient, successful operation of any organization. But what is good human performance? How do we improve it? And how do we monitor and track good human performance? This session will explore the many facets of human performance, and its relation to nuclear power plant operations. Through case studies and experience, we'll look at the techniques that work best, why they work best, and their aggregate affect. Participants will leave having a better understanding of human performance practices, the expected return from these practices, and methods for monitoring human performance within their own organizations.

SPEAKERS:

- "Understanding Procedure Use and Adherence as a Tool and How Quality Can Influence Its Application,"
John Summers (*Manager, Human Performance, Institute of Nuclear Power Operators*)
- "NRC Perspectives on Human Performance,"
Tony Vogel (*Deputy Director, Division of Reactor Projects, NRC*)
- "Who's Using Who?: The Brain's Impact on Performance,"
Donald Crump (*Manager, Training Performance Improvement, Exelon*)

OVERSIGHT/QUALITY ASSURANCE TRACK • OSSABAW

TUESDAY AUGUST 5, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizer: Jim Fisicaro (*Nuclear Energy Institute Task Force*)

"New Plant Construction Standardization Initiatives –"

Report out on initiatives such as Quality Control Inspector Qualification, Corrective Action Program Standardization and Operating Experience Lessons Learned. INPO, NRC, and NUPIC will discuss their plans and efforts related to new plant construction.

OVERSIGHT/QUALITY ASSURANCE TRACK (continued)

SPEAKERS:

- "Lessons Learned from Previous Construction Operating Experience,"
Jim Maddox (*Institute of Nuclear Power Operators*)
- "NRC Perspectives on Current New Construction Issues,"
Glenn Tracy (*US Nuclear Regulatory Commission*)
- "NUPIC Efforts Relative to New Plant Construction,"
Sherry Grier (*NUPIC Chairman, Duke Energy*)
- "New Plant QA Task Force Activities,"
Jim Fisicaro (*NEI*)

PERFORMANCE IMPROVEMENT TRACK • CONFERENCE 4 & 5 TUESDAY AUGUST 5, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizer: Amy Hansen (*Supervisor, Performance Improvement, Fort Calhoun Station*)

"Operational Excellence...Yesterday, Today and Tomorrow"

Operating experience was important yesterday, today and will be tomorrow. People, nor organizations, are born exceptional. Therefore we must utilize the lessons from others to achieve a higher level of performance. To do this you must have an organization that is committed to Operating Experience. This session will look at what it takes to get to that higher level of performance.

SPEAKERS:

- "What does Intellectual Curiosity, an Overwhelming Drive to Improve a Learning Organization, and World Class Performance Have to do with Operating Experience?"
Jerome Reed (*Vice President of Operations, LES National Enrichment Facility*)
- "Implementation of a Safety Management System at Delta Air Lines,"
Ralph Hicks (*Director of Flight Safety for Delta Airlines*)
- "The OE Champion,"
Rick Nielsen (*Manager, Events Analysis, INPO*)
- "Being a Champion of Change – Nuclear Oversight at AECL,"
Kathy Smith (*Manager, Corrective Action & OPEX, Atomic Energy of Canada*)

REGULATORY RELATIONS TRACK • TALBOT

TUESDAY AUGUST 5, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizer: David Matthews (*Director, Division of New Reactor Licensing, Office of New Reactors, NRC*)

"New Reactor Licensing: Design Finality v. Application Reality"

Since July 2007, the NRC has received nine applications for combined licenses and anticipates receiving in excess of 20 total applications (for over 30 new units) in the next few years. In addition, four reactor designs have been certified by rulemaking, and three additional designs and one major design amendment are currently under technical review. In reviewing these first applications, the NRC has put into practice several new tools and processes including the acceptance review process, design centered review process, and planning and scheduling tools. This session will share with industry the lessons learned from these first applications, how closely our expectations are matching reality, and what applicants can do to ensure that the new licensing process is effective in ensuring more predictable and efficient reviews.

Technical Sessions

REGULATORY RELATIONS TRACK (continued)

PANELISTS:

- Anthony R. Pietrangelo (*Vice President, Regulatory Affairs, Nuclear Energy Institute*)
- Rebecca Smith-Kevern (*Director, Office of Light Water Reactor Deployment, Office of Nuclear Energy, Department of Energy*)
- Marvin Smith (*Project Director for the North Anna 3&4 COL Project, Dominion Generation*)
- Tom Kevern (*Senior Project Manager, US NRC*)
- Michael McGough (*Senior Vice President, Unistar Nuclear Energy*)
- Andrea Sterdis (*TVA*)

RISK MANAGEMENT TRACK • CUMBERLAND C TUESDAY AUGUST 5, 2008 • 8:30 A.M. – 12:00 P.M.

“Building the PRA Infrastructure”

The use of risk technology in support of plant licensing and operation optimization has been employed for almost 15 years. The benefits of focusing effort on the most risk significant systems, components and actions have helped both the NRC and the utilities apply resources to those most significant to the public health and safety. As the sophistication of the applications have increased, so has the need to develop and maintain a PRA infrastructure that can continually support operation of the plant in a risk-informed regulatory environment. This infrastructure includes processes and controls for model development and use. It also includes the development and retention of risk professionals, coordination of utility organizations using the risk-informed process, and training of utility staff. This session will highlight the challenges and successes of implementing processes to maintain and control risk information and its application within a utility.

SPEAKERS:

- “Using Risk Insights in Support of A Safety Conscience Work Environment,”
John Steinmetz (*Exelon Nuclear*)
- “Status of Risk-Informed Initiatives,”
Tony Pietrangelo (*Nuclear Energy Institute*)
- “EPRI Contributions to the ANS Low Power and Shutdown PRA Standard,”
Doug Hance (*Electric Power Research Institute*)
- “PRA Infrastructure – Risk Management Guidance,”
Rick Grantom (*South Texas Project*)

WORK MANAGEMENT TRACK • SAPELO TUESDAY AUGUST 5, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizer: Todd Adler (*San Onofre Nuclear Generating Station*)

“AP-928 Revision 3”

Structured session to discuss changes to AP-928 that will further improve the effectiveness of station Work Management processes. Review existing current guidelines and solicit feedback from Operations, Maintenance, Engineering and Supply Chain professionals on methods to further improve the Work Management process.

- A Working Session, Todd Adler (*Southern California Edison*)
- Overview of the Work Management Process Description, AP-928 with a focus on the relationship between the Work Management Process and the Equipment Reliability Process, AP-913.
- The overview will be followed by a brainstorming session to solicit feedback from the attendees on areas where AP-928 needs better focus or integration with both the supply chain and equipment reliability.

REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

TUESDAY, AUGUST 5, 2008 • 10:00 A.M. - 10:30 A.M.

Sponsored by American Crane & Equipment Corporation

WALK-AROUND LUNCHEON in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

TUESDAY, AUGUST 5, 2008 • 12:00 P.M. - 1:30 P.M.

Co-Sponsored by Enercon Services, Inc. and Westinghouse Electric Company

SPECIAL PANEL SESSION • CUMBERLAND BALLROOM TUESDAY AUGUST 5, 2008 • 1:30 P.M. – 4:30 P.M.

Panel Moderators: David Matthews (*Director, Division of New Reactor Licensing, Office of New Reactors, NRC*), Donald Hoffman (*President, EXCEL Services Corporation*)

“NKM Applications: New Plant Construction Risk Management”

With over 30 new nuclear plants on the drawing board, the time has come to begin thinking in real terms about how the plant designs can be completed and the plants constructed and staffed. But several risks to construction completion remain. Designs are improved over the present fleet, but the details of improved operations and staffing plans have not come clearly into focus. Cost of construction and lifetime operating costs are strongly influenced by how many people are involved as well as the degree of efficiency that can be achieved by new technology and business methods. In this session these issues will be discussed from varying points of view and expertise with a goal of understanding more clearly how new plants construction risks can be managed.

PANELISTS:

- David Matthews (*Deputy Director, New Plants Licensing, US NRC*)
- Donald Hoffman (*President, EXCEL Services Corporation*)
- Luis A. Reyes (*NRC Region II Administrator*)

AFTERNOON REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

TUESDAY, AUGUST 5, 2008 • 2:30 P.M. - 3:00 P.M.

Sponsored by American Crane & Equipment Corporation

RECEPTION in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

TUESDAY, AUGUST 5, 2008 • 4:30 P.M. - 6:30 P.M.

Sponsored by Technology Expo Vendors

Beer/Wine/Soft Drinks Sponsored by NDS and SAP America, Inc.

Dust off those platform shoes and...

“SHAKE YOUR GROOVE THING” • OCEANVIEW ROOM & TERRACE

TUESDAY, AUGUST 5, 2008 • 7:30 P.M. - 11:00 P.M.

Sponsored by EXCEL Services Corporation

CONTINENTAL BREAKFAST in the VENDOR TECHNOLOGY EXPO AMELIA BALLROOM & FOYER

WEDNESDAY, AUGUST 6, 2008 • 7:30 A.M. - 8:30 A.M.

Sponsored by IBM

Technical Sessions

ENGINEERING TRACK • CUMBERLAND B

WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

“Equipment Reliability Results and New Developments”

The nuclear industry has been working on the Equipment Reliability (ER) much longer than the current emphasis on ER. Most of the industry has shown impressive improvement. But some plants have more success than others. This session will focus on good examples of getting good ER results. It will also focus on new concepts to make the next major improvement in Equipment Reliability.

SPEAKERS:

- “Centralized Performance Monitoring,”
Chris Demars (*Senior Engineer, Exelon Nuclear*)
- “Industry ER Results and Opportunities,”
Daniel Strong (*ER Lead Engineer, Progress Energy*)
- “Component Engineering ER Results,”
Bill Woyshner
- “Incorporating Equipment Reliability in New Plant Deployments”
Bryan Griner (*Fleet Equipment Reliability Manager, Southern Nuclear*)

NUCLEAR KNOWLEDGE MANAGEMENT TRACK • CUMBERLAND A

WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

“KM Practices, Tools and Expert Systems”

Once a clear understanding of what Knowledge Management Is becomes apparent, it quickly becomes time to put thoughts into action. This is the domain of establishing an integrated Body of Knowledge (BOK) as well as establishing a set of KM Practices that can be used to produce business results. In this session this topic will be discussed in terms of the vast amount of knowledge that exists, how it may be leveraged and what primary types of KM practice mechanisms exist to optimize overall results. Communities of Practice serve as centers of knowledge development and preservation and IT systems capture and implement best practices.

SPEAKERS:

- “Use of xBMLT Business Modeling – A Case Study of the Operational Experience Process at Entergy,”
John Mahoney (*Innovations Leader, Entergy*)
Donna Nichols (*Director, Business Genetics*)
- “Integrated Performance Improvement Feeds Data to KM Systems,”
Adriene Allen (*Performance Improvement Director, Ginna Nuclear Station, Constellation*)
- “Putting Your Investment in Enterprise Technology to Work,”
Robert Haverkamp (*Project Manager SCE ERP Project, Southern California Edison*)
Maureen Coveney (*Industry Strategist, SAP*)
- “Information Management Role in Knowledge Management,”
Gerry Lewis (*NIMSL CoP Chair, South Texas Nuclear Operation Company*), invited
- “Technology Aspects of Knowledge Management,”
Nolan Henrich (*Manager Computer Engineering, TVA*), invited

OPERATIONS TRACK • OSSABAW

WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizer: Jim Holt (*Manager of Operations, Crystal River 3, Progress Energy*)

“Building Talent Into the Operating Organization”

This session will focus on organizational experience in the recruitment, development, and retention of operational talent. Excellent operators have always been the mainstay of good performing plants, and continuing operational excellence is an absolute necessity for the realization of new nuclear generation. But, the perfect storm of an expanding industry and an aging workforce means that operating organizations must redouble their efforts to find, train, and retain the best replacements. In addition to effective recruiting techniques, topics are expected to address knowledge transfer practices and improvements in initial license operator through-put.

SPEAKERS:

- “Licensed Operator Screening Process at TVA”
Gary Kaufman (*Owner, Human Resources Consulting*)
Sarah Kaufman (*Human Resources Consulting*)
Randy Knight (*Supervisor of Operator Training, Browns Ferry Nuclear Plant, Tennessee Valley Authority*)
Donna M. Curry (*SPHR, Recruiting Program Manager, Tennessee Valley Authority*)
- “Knowledge Management Lessons Learned from Bruce Power Station,”
Sean Lawrie (*Senior Associate, ScottMadden, Inc.*)
Don Holme (*Bruce A Operations Manager*)
- “Progress Energy Fleet Lessons Learned on Initial License Operator Through-Put,”
Mark Van Sicklen (*Superintendent-Operations Training, Progress Energy, CR3*)

OVERSIGHT/QUALITY ASSURANCE TRACK • CONFERENCE 4 & 5

WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizers: Tim Czuba (*FirstEnergy Nuclear Operating Company*), Garry Harris (*HTS Enterprise*)

“Insights into Nuclear Quality and Engineering for New Reactor Build and Complex Nuclear Construction Projects”

The session will provide an exclusive perspective of nuclear quality and ongoing and planned utility projects related to new reactor build and other significant nuclear projects. The session will feature nuclear quality representatives from both major architectural and engineering vendors as well as utilities discussing significant insights from actual projects related to new nuclear plant planning, design, licensing and on site construction related activities both foreign and domestic. Session presenters will include senior quality, engineering and licensing representatives from major A/E firms paired with utility teaming partners and clients.

SPEAKERS:

- “AP1000 New Reactor Build Consortium – Featuring Representatives from the Nuclear Quality and Engineering – Southern Company, SCANA, and Progress Energy,”
Mike Gilman (*Shaw Nuclear Group*)
- “Engineering and Quality Assurance Aspects of Combined Operating License Application (COLA) Preparation,”
Masrur Khan (*Senior Licensing Engineer, Bechtel Power*)
Rajwant Jolly (*Quality Assurance Supervisor, Bechtel Power*)
- “Global Nuclear Supplier Quality Outlook,”
Terry Casteel (*Westinghouse*)
- “Initiating the Renaissance; A View from a Manufacturer,”
Jim Veirs (*Doosan Heavy Industries and Construction*)
- “Quality Assurance Lessons Learned on a New Nuclear Construction Project,”
Tom Mudge (*URS Washington Division*)

Technical Sessions

PERFORMANCE IMPROVEMENT TRACK • CONFERENCE 1 & 2 WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizer: Mike Verrilli (Corporate Self Evaluation Program Supervisor, Progress Energy)

“CAP - Corrective Action Program - Continuous Performance Improvement”

The corrective action program is the fundamental cornerstone for continuous plant performance improvement. Across the industry, CAP has evolved far beyond the basic requirements of 10 CFR50 Appendix B Criteria 16, to become a true performance improvement process that promotes a self critical and self identifying culture. A well implemented CAP program becomes core business for plant employees and serves as the vehicle to enable a strong nuclear safety culture. Now, at the onset of today's nuclear renaissance, both a unique opportunity and an essential success path exists to introduce and sustain a strong CAP culture.

SPEAKERS:

- "Evolution of CAP to Performance Improvement,"
Mike Verrilli (Corporate Self Evaluation Program Supervisor, Progress Energy)
- "Knowledge Management and Root Cause Analysis,"
Bill Corcoran (NSRC Corporation)
- "CAP Knowledge Excellence Merry-Go-Round,"
Roman Estrada (Corrective Action & Assessment Manager, NPPD, Cooper Station)
- "Title - to be determined"
Robin Haselden (South Carolina Electric Manager, Organizational Development and Performance)
- "Defining Investigation Extent of Condition/Scope a New Approach,"
Chet Rowe (Excellence Engine Founding Partner)

REGULATORY RELATIONS TRACK • TALBOT WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

Session Organizers: Glenn Tracy (Director, Division of Construction Inspection Program, NRC/NRO), Fred Brown (Director, Division of Inspection and Regional Support, NRC/NRR)

“Effective Use of Operating and Construction Experience in Knowledge Management”

The NRC Reactor Operating Experience Program supports the NRC mission to protect public health, safety, and the environment by administering an effective, coordinated program to systematically collect, communicate, and evaluate operating experience, identify and resolve safety issues in a timely manner, and apply the lessons learned. This session will share the NRC's use of operating reactor and construction experience to facilitate continuous improvement through effective communication, continual learning through knowledge sharing, and informed decision making with the goal of maintaining a knowledgeable workforce.

PANELISTS:

- Kriss Kennedy (Director, Division of Reactor Safety, NRC/Region II)
- Clarence Fenner (Workforce Development Coordinator, South Texas Project)

RISK MANAGEMENT TRACK • CUMBERLAND C WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

“Risk Informed Applications”

Regulatory Guide 1.200 defines the technical adequacy required of probabilistic models in support of risk-informed applications. The sophistication, breadth, and scope of risk-informed applications have increased, as have the requirements of the analyses used to support the conclusions. RG 1.200 and the implementing methods used to support the broad range of risk informed applications require consideration of different aspects of risk and associated metrics.

RISK MANAGEMENT TRACK (continued)

A risk-informed completion time program, surveillance frequency changes, license amendment requests, plant configuration control, mode change evaluations, risk ranking, and the plethora of other risk-informed applications require the evaluation and characterization of risk or risk insights in different manners. This session will explore the current and future implications of RG 1.200 and implementation methods on the wide range of risk-informed applications being sought.

SPEAKERS:

- “Feedback and Lessons Learned on RITS 4b Implementation,”
Rick Grantom (South Texas Project)
- “RG 1.200 Impact on Risk Management Applications,”
Greg Krueger (Exelon Nuclear)

WORK MANAGEMENT TRACK • SAPELO WEDNESDAY AUGUST 6, 2008 • 8:30 A.M. – 12:00 P.M.

“Station Work Management Training”

Learn about industry training standards and expectations for Work Management Professionals and those that implement the Work Management Process. This session will discuss efforts to create generic work management training for 3 target groups. Focused training for work management professionals, generic training for a station's general population and a senior manager course will all be discussed during this session.

SPEAKERS:

- “Training for Work Management Professionals,”
Tony Coppa (Exelon)
- “Work Management Training for Station Personnel,”
Tony Coppa (Exelon)
- “Senior Manager Work Management Training,”
Todd Adler (Southern California Edison)

REFRESHMENT BREAK in the VENDOR TECHNOLOGY EXPO AMELIA FOYER

WEDNESDAY, AUGUST 6, 2008 • 10:00 A.M. - 10:30 A.M.

CLOSING LUNCHEON • AMELIA 4 WEDNESDAY, AUGUST 6, 2008 • 12:00 P.M. - 1:30 P.M.

PROFESSIONAL DEVELOPMENT WORKSHOP • OSSABAW THURSDAY, AUGUST 7, 2008 • 8:00 A.M. - 4:00 P.M.

Workshop Organizer and Chief Instructor: Dr. Bill Corcoran (President, Nuclear Safety Review Concepts)

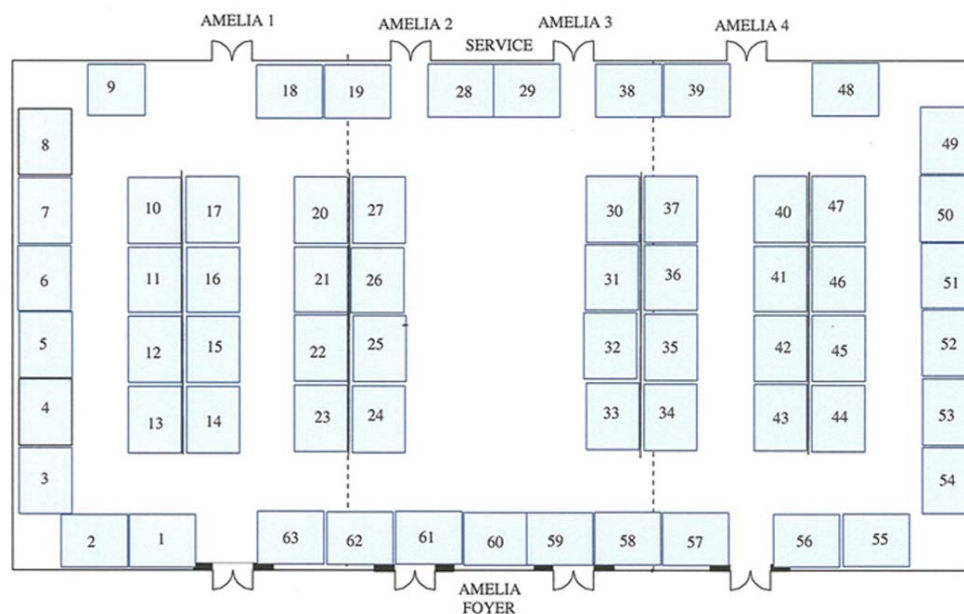
Root Cause Analysis for Safety Culture and Human Performance Improvement

Workshop topics will include: Safety Culture in Root Cause Analysis; Using Event Investigation as a Window into the Culture; Progress on an RCA Standard; Lessons to be Learned from Recent Consequential Events; Business Incentives for Cost-effective Investigations; Advance Preparation for Effective Investigation; Avoiding Fatal Investigation Errors; Effective Event Investigation Team Formation, Development, and Leadership; Human Performance Improvement; Investigative Ethics; Accommodating Diversity in Team and Customers; Asking the Right Questions; What to do Before Management Becomes Enlightened; Extent of Conditions and Causes; Evaluating Event Investigation Effectiveness; Evaluating Event Investigation Program Effectiveness; and State-of-the-Art Investigative Tools.

Technical Exhibitors

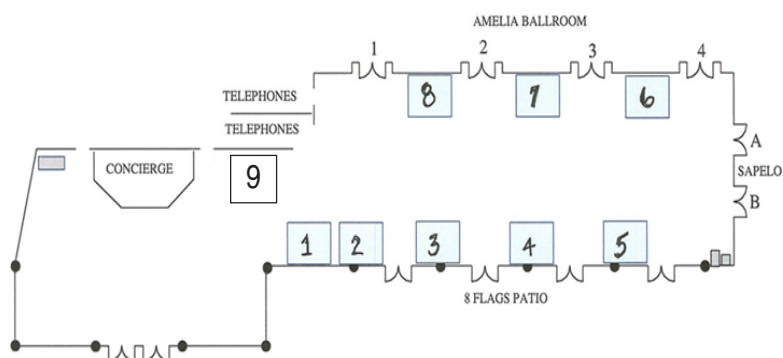
2008 UTILITY WORKING CONFERENCE VENDOR TECHNOLOGY EXPO: FLOOR PLANS

AMELIA BALLROOM



AMELIA FOYER

10 FT. GRID



Technical Exhibitors

*We would like to extend a special thanks to the following organizations
who have made an outstanding contribution to the success of the*

2008 UTILITY WORKING CONFERENCE VENDOR TECHNOLOGY EXPO

Alaron Corporation, Loveland, OH (Booth 48)

Alaron Nuclear Services is a multi service provider to the nuclear industry including; equipment storage, facility-space leasing, spent fuel cask maintenance and storage, waste processing, asset recovery, service level one coatings, qualified welding program, transload (truck to rail), and refurbishment of both safety and non-safety related components (pumps, motors, equipment). Alaron is licensed by the NRC since 1985.

All Girls Transportation & Logistics, Inc., Northlake, IL (Booth 13)

AGT&L has more than 100 years of transportation experience. We have dedicated ourselves to specialized services and logistics for the utility industry that need "more" than the ordinary carrier can provide. AGT&L offers 24 hour, 7 days per week dispatch. AGT&L offers some of the most effective programs. Our unique pricing and product menu provides the best combination for reportings, freight auditing, freight payment, claims, carrier options, and transportation solutions.

Alphasource, Inc., Philadelphia, PA (Booth 50)

Alphasource is a leading custom manufacturer and distributor of quality maintenance and safety supplies for the Nuclear Industry. We offer our award-winning Complete ME/FOD Turnkey Program, Tarps and Protective Covers, Safety and Decon. Supplies, Spill Control Products, Towel and Wiping Cloths Program. Our products are field-proven, backed by three generations of practical experience, and our quick turnaround capabilities ensure your compliance needs.

American Crane & Equipment Co, Douglassville, PA (Booth 59)

American Crane and Equipment Corp (ACECO) is a leading provider of cranes, hoists, and specialized lift systems for the commercial nuclear industry. ACECO has all the in-house capabilities to provide the cranes, custom components, and materials needed for new plant construction. ACECO has significant experience supplying safety related single failure proof replacement cranes and trolleys for dry spent fuel storage operations. ACECO has performed upgrades of a variety of nuclear plant cranes, including reactor building and turbine cranes. ACECO has a full-time service group to perform maintenance of plant cranes.

American Tank & Fabricating Company, Cleveland, OH (Booth 38)

The American Tank & Fabricating Company has earned a reputation for high quality and excellent service by providing reliable steel solutions to customers since 1940. We offer a unique combination of equipment capabilities, professional staff and quality systems that make us your best choice for nuclear components and materials. Quality systems include: ASME NQA-1, N, NPT, NS, N3, U, U2 & S, NIAC audited. Materials fabricated and supplied include: carbon, stainless, alloy, armor, titanium, zirconium and other advanced materials.

Anderson, Chavet & Anderson Inc. (ACA), Avondale, AZ (Booth 17)

ACA is an equipment reliability consulting company. ACA is dedicated to assisting owners, managers and operators of physical assets with the development and implementation of the integrated lean processes, software applications, and people leadership and team building skills necessary to significantly improve equipment reliability and plant performance. Since 1990, ACA has provided its consulting services to multiple nuclear utilities, electrical transmission and distribution companies, water distribution companies, fossil generation stations and petrochemical refineries. Today, ACA is recognized as the subject matter experts in Equipment Reliability.

The ACA approach not only looks to solve Equipment reliability issues but also those underlying organizational issues that can seriously impact the implementation of a successful Equipment Reliability Program. To that end, personnel workload, process variance, process inability and process stability are all evaluated and corrections made, where necessary, to assure an "exceeds expectations" Equipment Reliability Program.

AREVA, Lynchburg, VA (Booth 28 & 29)

With manufacturing facilities in 41 countries and a sales network in over 100, AREVA offers customers technological solutions for CO₂-free power generation and electricity transmission and distribution. AREVA's 65,000 employees engage in the 21st century's greatest challenges: making energy available to all, protecting the planet, and acting responsibly towards future generations.

Argo Turboserve Corporation (ATC), Lyndhurst, NJ (Booth 56)

The Utility Services Division (USD) of ATC delivers best-in-class safety-related and non-safety related hardware and services to the utility industry. USD provides its customers with cost-effective programs and solutions to its obsolescence issues. USD maximizes the return on the sales of its customers' surplus/excess inventory, as well as supply chain measures to control future inventory growth.

The Babcock & Wilcox Company (B&W), Lynchburg, VA (Booth 16)

The Babcock & Wilcox Company (B&W) is a leader in advanced energy technology innovation and service, primarily in nuclear and fossil power. Providing quality products and technical services to commercial and government customers, B&W is focused on issues such as energy efficiency, clean air, global market competitiveness, and safe and secure resolution for nuclear waste. Headquartered in Lynchburg, VA, B&W is owned by McDermott, International, and has over 20,000 employees.

Bartlett Nuclear, Inc., Plymouth, MA (Booth 21)

Bartlett has over twenty-nine years of experience providing radiation safety, professional and technical, start up and restart, maintenance, decontamination and decommissioning and other managed staffing solutions to nuclear, industrial and government facilities nationwide. Bartlett also offers equipment and technologies including Excel modular scaffolding, automated monitoring systems, portable ventilation systems and contamination control coatings.

Technical Exhibitors

Bechtel Nuclear Power, Frederick, MD

(Booth 27)

Bechtel offers the most complete selection of nuclear support functions available: new nuclear generation/COL support, operating plant services, steam generator replacements, reactor pressure vessel head replacements, plant license renewal and life extension, operations improvement programs, a center of excellence that develops and implements new ideas, and a commitment to nuclear power that started with the industry's inception.

Black & Veatch, Overland Park, KS

(Booth 4)

Black & Veatch is a leading global engineering, consulting and construction company specializing in infrastructure development in energy, water, telecommunications, management consulting, federal and environmental markets. Founded in 1915, Black & Veatch develops tailored infrastructure solutions that meet clients' needs and provide sustainable benefits. Solutions are provided from the broad line of service expertise available within Black & Veatch, including conceptual and preliminary engineering services, engineering design, procurement, construction, financial management, asset management, program management, construction management, environmental, security design and consulting, management consulting and infrastructure planning. With more than \$ 3.2 billion in revenue, the employee-owned company has more than 100 offices worldwide and has completed projects in more than 100 countries on six continents.

The Brock Group, Beaumont, Texas

(Foyer 9, Sunday - Tuesday at 1:00 PM)

Since 1947, The Brock Group has offered clients a small company interaction with the resources available from one of the largest specialty craft providers in the United States. Continuing the tradition of integrity and performance excellence, Brock's 15,000 employees offer industry the complete single source benefit of doing business with a financially strong and resource abundant contractor. With 81 operational centers strategically located throughout the United States and Canada, Brock offers scaffolding, specialized shoring, coatings, insulation and associated services to a diverse industry that includes Nuclear, Petrochemical, Refining, Power Generation, Offshore, Logistics, Pipelines & Transmission, and Pulp & Paper. Brock's organization structure and internal cooperative culture provide expert leadership for nationally commended, award winning safety and management processes. Brock provides performance in services which sequentially supports and strengthens our customers' strategic competitive advantage and bottom line profitability.

Burns and Roe Enterprises, Inc., Oradell, NJ

(Booth 46)

Burns and Roe is a global engineering, procurement and construction organization providing services to both private and public clients for 75 years. With 1,900 personnel worldwide, we are a premier provider of advanced nuclear services to the Department of Energy, utilities, and other clients.

CH2M HILL, Englewood, CO

(Booth 54)

Employee-owned CH2M HILL is a global leader in full-service engineering, construction, and operations for public and private clients. With more than \$3.8 billion in revenue and 18,000 employees worldwide, CH2M HILL delivers innovative, practical, sustainable solutions - helping clients develop and manage infrastructure and facilities that improve efficiency, safety and quality of life.

Commissioning Agents, Inc., Indianapolis, IN

(Foyer 5)

Premier provider of commissioning and validation services, including factory inspections, construction quality assurance oversight, start-up, commissioning and qualification. Commissioning planning, management and field execution for major and minor capital projects worldwide. Commissioning Agents also offers software verification and validation (PLC, DCS, SCADA, database applications), and international regulatory compliance consulting services.

Construction Systems Associates, Inc., (CSA, Inc.), Marietta, GA

(Foyer 1)

CSA Laser Scanning Technology for the Nuclear Industry....Virtual Plant Tour Database for Knowledge Retention/Transfer....Laser Scanning Technology provides a high quality visual as well as dimensional representation of the nuclear plant. The resulting user-friendly 3D photo-realistic database with a user-friendly interface provides access to any room or plant area. The components and areas within the plant are linked with a variety of databases: documents, sketches, photographs, notes, drawings, video clips, radiation data, and 3D CAD format. The laser scanning plant database is a very accurate as-built representation of the plant. Integration with other sources of information provides excellent support for: Knowledge Retention, Training, Work Activities Briefing, Outage Planning, Plant Design Modifications, Equipment Removal/Replacement, CSA Laser Scanning Technology allows for better planning; it helps to reduce dose significantly.

Control Components Inc. (CCI), Rancho Santa Margarita, CA

(Booth 52)

CCI is the leading manufacturer of severe service control valves, critical isolation and pilot operated relief valves in the world. With manufacturing and "N and NV Stamp" facilities located around the globe we are well positioned to supply products to the Nuclear Industry. Our subsidiary company NHL is a leading manufacturer of nuclear bellows sealed valves.

CORE, Inc, Arvada, CO

(Booth 49)

CORE develops cost-effective, risk-based diagnostic equipment reliability programs for condition monitoring & scheduled maintenance. CORE's RCM-trim™ software (patent-pending) & ER-plus™ manage critical plant assets to build Equipment Reliability processes for maintenance with equipment templates, traceable to the plant's design basis.

Crane Nuclear Services, Kennesaw, GA

(Booth 36 & 37)

Crane Nuclear is a leading provider of valves and valve service solutions for commercial nuclear power plants. Our commitment to the development of superior valves, test technology, and valve service solutions makes us a leader in the nuclear power industry. As part of the Fluid Handling Business Segment of Crane Co. (NYSE: CR), Crane Nuclear employs some of the industry's brightest minds who continuously offer innovative and reliable solutions for the production and maintenance of valves and valve diagnostic equipment. Crane Nuclear's first nuclear valve was manufactured in 1952. Today, nuclear power plants worldwide rely on us for valve maintenance solutions that help ensure nuclear plant safety through the reliable performance of safety related motor-operated valves, air-operated valves, and check valves.

Technical Exhibitors

Curtiss-Wright Flow Control Nuclear (Enertech, Nova, Scientech, Trentech), Brea, CA (Booth 30, 31, 32, & 33)

Curtiss-Wright Flow Control's Commercial Power and Services Group provides ASME Code, safety-related, IEEE, and commercial products and services to nuclear utilities: EMD - Reactor coolant pumps and motors, control rod drive mechanisms and primary loop valves; Enertech - Valves, actuators, pumps, instrumentation, pipe restraints, vibration isolators, and diagnostic equipment; Nova - Fasteners, HydraNut bolting solutions, fabrication, inventory and supply chain management services; Trentech - Airlocks, specialty doors, custom fabrication, diamond wire concrete cutting, qualification and dedication services; Target Rock - Process Solenoid Valves, MSSRV, PORV and other special nuclear plant application valves, and engineering services.

Dade Moeller & Associates, Richland, WA (Booth 7)

Dade Moeller & Associates is an award-winning, employee-owned business specializing in occupational and environmental health sciences. We provide professional consulting services for assessing, preventing, and controlling harmful exposures from radiation and hazardous substances that affect workers, the public and the environment. Our exceptional record of performance has resulted in one of the highest client and employee retention rates in our industry. Dade Moeller & Associates employs more than 25 Certified Health Physicists and has close, long-standing affiliations with national and international health physics organizations.

Data Systems & Solutions, Huntsville, AL (Booth 26)

Data Systems & Solutions increases nuclear power plant efficiency, safety, reliability and life through proven leading-edge instrumentation and control solutions. Our engineers have been installing and upgrading nuclear I&C systems in all types of nuclear power plants for 30 years. Our systems are installed in Europe, China and the U.S.

Day & Zimmermann, NPS, Lancaster, PA (Booth 43)

Day & Zimmermann Power Services (DZPS) is the leading provider of Managed Maintenance Solutions to the U.S. power generation industry. We deliver full-service maintenance, modifications, major projects construction, condenser, valve, and radiological services as well as professional staffing solutions. D&Z is one of the largest O&M contractors in the Power industry, and we are solely dedicated to power plant maintenance and modifications with an unwavering focus on reducing our customers' total cost of ownership for their generating assets. Safety is our number-one core value, and nothing is more important to us. D&Z's member firms are Day & Zimmermann NPS and DZ Atlantic (formerly The Atlantic Group).

DOOSAN Heavy Industries & Construction Co., Ltd., Republic of Korea (Booth 44 & 45)

DOOSAN Heavy Industries manufactures all primary equipment for NSSS. DOOSAN has so far supplied total of 15 nuclear power plants while 6 more are currently under construction. DOOSAN also supplied replacement steam generators to U.S. DOOSAN is manufacturing SG, RV, RVI and IHP for China AP1000.

ENERCON Services, Inc., Kennesaw, GA (Booth 8 & 9)

ENERCON specializes in energy and environmental projects and provides full-scope engineering, technical and professional services to clients around the world. ENERCON has been supporting the nuclear power industry for over 25 years with 15 offices nationwide and is currently ranked the number two nuclear design firm in the U.S. by Engineering News Record.

EnergySolutions, Inc., Salt Lake City, UT (Booth 23)

EnergySolutions is a national energy services company headquartered in Salt Lake City, Utah, focused on providing services and solutions to the nuclear industry. Our services cover the nuclear fuel cycle and are provided to the majority of U.S. nuclear power utilities, and include radioactive waste management, radiological engineering, liquid waste processing, large component removal fuel pool cleanup/ spent fuel management, transportation and low level radioactive waste disposal.

Enterprise Informatics, San Diego, CA (Foyer 6)

Enterprise Informatics provides eB Nuclear, an integrated document, configuration and records management software platform that enables nuclear power plant operators to effectively manage plant configuration data and all associated documents and records throughout the life cycle of the plant. Enterprise Informatics enables power plant operators to consolidate a range of applications in an integrated environment resulting in improved outage management, regulatory compliance and safety, reduced operational and IT costs and greatly enhanced access to accurate information about their plant.

EPM (Engineering Planning and Management, Inc.), Framingham, MA (Booth 61)

EPM is the leading provider of nuclear fire protection services. For over twenty-five years EPM has been helping utilities achieve compliance with complex regulatory requirements. EPM continues to provide expert fire protection and systems engineering guidance as NRC regulations change and evolve, including the transition to the new performance-based, risk-informed regulatory environment of NFPA 805 and 10 CFR 50.48(c). EPM is also the leading provider of innovative software that optimizes the processes to achieve regulatory compliance in a cost-effective manner. EPM's Genesis Solution Suite® includes EDISON (Cable/Wire and Raceway Management System); SAFE (Post-Fire Safe Shutdown Analysis – Appendix R & NFPA 805); and MILIEU (Environmental Qualification). New plant design and construction projects can greatly benefit from the configuration management/control and automated processes inherent to Genesis.

EXCEL Services Corporation, Rockville, MD (Booth 1, 2 & 3)

EXCEL Services Corporation specializes in providing operations, Engineering, safety and regulatory services for energy and environmental projects world-wide. These specialized services include: License Renewal, Power Uprate, 24 Month Fuel Cycle Conversions, Licensing and Operations Support, Improved Technical Specifications Conversions, Quality Assurance Solutions, Training, Spent Fuel Storage Licensing, New Plant Site Permitting (ESP), and Combined License (COL) Support. EXCEL has worked with almost every nuclear power plant and many other nuclear facilities in the U.S., and has worked with many international nuclear facilities and organizations for over 20 years.

Flowserve Pump Division, Vernon, California/Charlotte, North Carolina (Booth 57 & 58)

Flowserve Corporation's Pump Division (FPD) is the driving force in the Nuclear Pump Industry with heritage names such as Byron Jackson, Pacific, Worthington and others. Products include: New Pumps, Pump Upgrades, Pump Repairs (contaminated and clean), On-Site Technical Services, Complete Turnkey Services, Engineering Support, Mechanical Seals and more. Our worldwide footprint allows us to support all operating plants as well as being positioned for the Nuclear Renaissance.

Technical Exhibitors

Graybar, Riverview, FL (Booth 53)

Graybar, a Fortune 500 corporation and one of the largest employee-owned companies in North America, is a leader in the distribution of high quality electrical, telecommunications and networking products, and specializes in related supply chain management and logistics services. Through its network of more than 250 North American distribution facilities, it stocks and sells products from thousands of manufacturers, serving as the vital link to hundreds of thousands of customers.

HF Controls Corporation (Doosan), Carrollton, TX (Booth 55)

A global leader in providing complete process control and automation solutions; we specialize in the design and construction of high-quality digital control systems for power, industrial, and nuclear applications.

Hukari Technical Services, Wheat Ridge, CO (Foyer 8)

Hukari Technical Services is a solely-owned, small business (Vietnam Veteran-Owned) with the goal of providing only the highest quality engineering and technical services to the nuclear industry. While specializing in Nuclear Safety and Licensing services, our support capabilities cover the complete nuclear power life cycle (new reactors, operating plants, and decommissioning) and our people are equipped with the broad and deep experience to address the most difficult of challenges.

HydroAire, Inc., Chicago, IL (Booth 5)

Founded in 1969, Hydro, Inc. is the largest independent pump rebuilder in North America. In addition to our five locations in the U.S., we have service or sales centers in Australia, Canada, Venezuela and India. Hydro provides quality service and support to industrial, municipal and power generation plants throughout the world. Engineering support is the foundation of our solution based business philosophy. Our clear focus on quality and reliability extends pump life and reduces life cycle costs. We are a leader in engineering improvements and modifications. In addition to our well-established network of service centers, Hydro manufactures and distributes pumps and mechanical seals. We have a complete line of submersible pumps, as well as ISO, ring section, high energy boiler feed pumps and a range of mechanical seals for special applications.

IBM, Armonk, New York (Foyer 9, Tuesday 1:00 PM - Exhibit Tear Down)

At IBM, we strive to lead in the invention, development and manufacture of the industry's most advanced information technologies. We translate these advanced technologies into value for our customers through our professional solutions, services and consulting businesses worldwide. We help businesses innovate by delivering services, solutions and technologies enabling customers to gain insight into business information. IBM Maximo Asset Management takes the power, performance and possibilities of asset management to an entirely new level. Built on a single software platform, Maximo Asset Management delivers a comprehensive view of all nuclear industry asset types across your enterprise.

Invensys Process Systems, Dallas, TX (Booth 60)

Invensys Process Systems (IPS) provides products, services and solutions that enable today's industrial process plants to monitor, manage and improve the performance of their production assets. Along with nearly five decades of nuclear industry experience worldwide, IPS offers industry-leading brands such as Foxboro, Triconex (1E Qualified), Esscor, Wonderware, and Avantix, whose products help automate and optimize plants globally. Invensys integrated solutions are proven to reduce risk and life cycle costs while maximizing generating unit availability and reliability.

Joseph Oat Corporation, Camden, NJ (Booth 22)

Joseph Oat is a well renowned integrated designer and fabricator of ASME Section VIII & Section III / safety-related products for the Nuclear Power Industry. We have supplied critical heat exchangers and pressure vessels, spent fuel/rad-waste canisters, and NQA-1 components to nuclear customers worldwide. Our QA system has been audited by NUPIC and complies with NQA-1 & 10 CFR 50 Appendix B. We have continuously held an 'N' Stamp certification since 1966 and maintain an excellent reputation in the industry. We Make Metal Work ©.

Kinectrics, Inc., Toronto, Ontario, Canada (Booth 39)

Kinectrics is recognized worldwide as a leader in providing advanced services and products for the nuclear industry. We offer clients a reliable "one-stop shop" with specialized technical expertise and proven capabilities in: life cycle and asset management solutions for nuclear equipment and components, inspection and maintenance systems, and environmental technologies. Kinectrics is a qualified North American supplier for genuine nuclear parts, reverse engineering and Commercial Grade Dedication services. Our facilities also include laboratories for radioactive materials, analytical chemistry, and electrical testing for generation plant.

Lockheed Martin, Archbald, PA (Foyer 7)

Lockheed Martin Nuclear Systems & Solutions provides total systems solutions and services for commercial power applications. Lockheed Martin is a lead systems integrator and provider of discrete and digital safety-critical instrumentation and control (I&C) systems for commercial and DoD customers for over 50 years. Lockheed Martin is also a leader in Homeland Security, Information Technology, Net-Centric Solutions, Technology Research, Training and Simulation and Engineering Services. Products and services include Human Factors Engineering (HFE); Safety Critical Digital I&C; Independent Verification & Validation (V&V); Hardware-in-the-Loop (HWIL) Testing; Automated Test Equipment (ATE) Design; System Level Environmental Testing; and Tool Design and Fabrication.

Major Tool & Machine, Inc., Indianapolis, IN (Booth 34)

Major Tool & Machine provides the nuclear marketplace with best value, turnkey, engineering, fabrication and machining services. Our extraordinary capability, capacity and experience are driven by our commitment to quality assurance. This is evidenced through our ASME N, NPT, N3, NS, U and U2 certifications. In addition, our Nuclear Quality Assurance Program is audited to the requirements of NQA-1, and complies with 10CFR21, 10CFR50 part B, 10CFR71 subpart H, 10CFR72 subpart G, and 10CFR830. Our combined strengths of outstanding program management, unparalleled capability, and uncompromising quality assurance provide our customers the Major difference.

Mitsubishi Heavy Industries Ltd., Tokyo, Japan Mitsubishi Nuclear Energy Systems Inc., Washington, DC (Booth 18 & 19)

Mitsubishi has been engaged in the nuclear energy business for more than 3 decades and built 23 pressurized water reactor (PWR) plants in Japan. In addition, 1 plant is under construction and 2 plants are in the licensing phase. The company is now introducing the US-APWR 1700MW class reactor to U.S. market, the largest nuclear energy plant in the world. Mitsubishi is a fully-integrated nuclear power plant supplier with capacity of supplying architectural engineering, nuclear steam supply systems, turbine generation systems, electrical systems, I&C systems, nuclear fuel and balance of power systems to its utility customers. Mitsubishi also performs post-operational service and has replaced 15 reactor vessel heads (4 in backlog), 6 steam generators (2 in backlog), 494 control rod drive mechanisms (104 in backlog) and one pressurizer for U.S. power companies.

Technical Exhibitors

MPW Industrial Services, Hebron, OH

(Booth 41)

MPW is the leading service provider of integrated technology-based Industrial Cleaning, Water Purification and Chemical Cleaning in North America. We partner with customers to enhance operational efficiencies, improve reliability and minimize costs. Qualified, highly trained personnel respond to your needs, delivering services with the highest ethical standards and commitment to safety. For 35 years MPW has been providing rapid response, making MPW a pioneer in quality.

Nexus Technical Services Corporation, Oak Brook Terrace, IL

(Foyer 4)

Widely recognized today as "the deliberately better engineering company," Nexus Technical Services Corporation has become the industry's most sought-after supplier of exceptional Fire Protection Engineering, Electrical Engineering and Risk Management services. To experience deliberately better service on your next import project call Nexus Technical Services.

Northrop Grumman/Newport News Industrial, Newport News, VA

Northrop Grumman Power Control Systems, Sykesville, MD

(Booth 14 & 15)

Northrop Grumman/Newport News Industrial located in Newport News, VA is a specialty mechanical maintenance, modification, repair and fabrication service provider. Whether your plant requirements call for a site visit from one of our field service teams or sending your equipment to our fabrication and overhaul facility in Virginia, we are on-call and ready to meet your needs. We also offer HotGuard (TM) lead-free radiation shielding products.

Nuclear Logistics, Inc., Fort Worth, TX

(Booth 25)

Nuclear Logistics, Inc. (NLI) is the nuclear industry's single source for safety related equipment, equipment maintenance and qualification support. We specialize in the design, fabrication, qualification, test and supply of all equipment types needed in the nuclear industry. Expanded service areas include the supply of ASME Section III N, NPT, and NS certified equipment.

Nuclear Plant Journal, Glen Ellyn, IL

(Booth 51)

Now in its 26th year, Nuclear Plant Journal provides technical information exchange among managers and engineers in nuclear power industry worldwide. Circulation is 12,000 (BPA audited). The Journal is published six-times per year. The Products and Services Directory is published yearly in December. The Journal's web site includes searchable editorial archives.

NuSource Solutions, Attleboro, MA

(Foyer 3)

NuSource provides workforce management technology and employment services that you can use to get the most value from your supplemental workforce. We'll help you efficiently utilize the best qualified workers for your outage and project needs – your Retirees! Our revolutionary technology and business model will help you reduce the total cost of your supplemental workforce, while improving service levels.

Paragon Analytics, Fort Collins, CO

(Booth 35)

Full-Service Environmental and Radiochemistry Laboratory.

NELAP certified. Top-ranked according to PT scores. Mixed waste facilities, tritium, hexavalent chromium analysis of radioactive air filters, air quality, stack gas, asbestos, mold analysis in addition to radiochemistry and environmental analyses. Matrices include air, biota, waters, soil, sludge/sediment, building debris, multiphasic samples, oils.

Proto-Power Corporation, Groton, CT/Chicago, IL/Atlanta, GA

(Booth 42)

Proto-Power is a full service engineering firm that provides engineering, design, and project management services to the nuclear industry. We offer the services of experienced mechanical, electrical, instrumentation and controls, civil and structural engineering professionals and designers who are skilled in power plant systems, engineering analysis and modification package development.

ReNuke Services, Inc., Oak Ridge, TN

(Booth 12)

ReNuke Services was designed and built specifically to bring innovative human capital staffing programs to the resurgent commercial nuclear power market. The name itself is emblematic of our commitment to nuclear energy and to a fresh approach to filling nuclear positions in the 21st century demanded by employees and customers.

Rigging International, Missoula, MT

(Booth 40)

Rigging International provides heavy life rigging and heavy haul transportation to our clients worldwide. Our support of nuclear power spans new construction in the 1970's to major component replacement projects on going today.

Shaw Group, Stoughton, MA

(Booth 24)

As a leader in power, Shaw is helping to shape the future of nuclear energy. We are a premier nuclear maintenance provider in the U.S. with contracts covering approximately 40 percent of the operating units, and a power uprate industry leader with more than 2,050 MWe added to the U.S. grid. As part of our consortium with Westinghouse, we were selected to build four new AP1000TM units in China and four in the U.S. Our expertise in engineering, design, licensing, procurement, modularization, construction, maintenance, startup and test and new plant services, combined with our leadership in fabricated piping systems, enable us to offer fully integrated nuclear solutions worldwide.

Sulzer Pumps, Portland, OR

(Booth 10)

Sulzer Pumps is widely recognized for technical excellence in nearly all nuclear plant applications, providing primary and secondary pumping and sealing solutions, including our Balanced Stator seal for both PWR and BWR main coolant pumps. Nuclear service installations exceed over 80 sites in the US and 100 worldwide. We provide pump repair, replacement parts, and testing services for all OEM pumps compliant with ASME, PTC, HI and ISO.

Unistar Nuclear Energy, Baltimore, MD

(Booth 11)

UniStar Nuclear Energy combines pre-eminent global nuclear operators, technology, engineering, construction, and information technology companies into a cohesive offering for U.S. energy providers interested in providing new nuclear power. Our business model allows flexible ownership and operator options to suit client needs. The AREVA EPR, currently under construction in Finland and France, offers streamlined construction processes, independent safety systems and efficient operations.

Technical Exhibitors

UniTech Services Group, Springfield, MA (Booth 6)

UniTech Services Group (formerly Interstate Nuclear Services) is the world's largest supplier of radioactive laundry services and total protective clothing programs. UniTech has been providing service to the nuclear industry for over 45 years. Our network of licensed facilities nationwide gives UniTech the capability of supplying service coast to coast. While incineration typically yields VR's of 100:1, replacing disposable items with a launderable system provides a VR up to 3,000:1. UniTech offers • Offsite water wash decontamination; • Protective clothing and accessories available on a direct sale, long term lease or short term rental; • Mobile Safety Store for Just-In-Time access for the supplies you need; • Respirator cleaning, repair and testing; • Offsite tool and metal decontamination service offering both non destructive and aggressive cleaning methods to maximize decontamination effectiveness; • Equipment sales and leasing of specialized conveyor monitors, modular respirator cleaning/testing units and modular tool/metal decontamination facilities. UniTech's newest division, UniTech Safety Services, offers a complete line of safety products and tools.

URS Washington Division, Princeton, NJ (Booth 20)

Washington Division provides integrated engineering, procurement, construction, and maintenance services to the commercial nuclear industry and similar services in support of managing/operating government nuclear facilities. The steam Generating Team (SGT), our joint venture with AREVA NP, is a leading supplier of engineering and construction support services for large component replacements.

Ventyx, Atlanta, GA (Booth 47)

Ventyx is a leading business solutions provider to global energy, utility, communications, and other asset-intensive organizations. With approximately 1,200 employees in more than 20 locations worldwide, Ventyx personnel solve complex technical challenges with innovative solutions and deep industry-specific domain expertise. We offer a broad range of solutions to address our customer's most critical needs.

Westinghouse Electric Company, Monroeville, PA (Booth 62 & 63)

Westinghouse Electric Company provides fuel, services, technology, plant design, components and equipment to utility customers in the global commercial nuclear electric power industry. We are also proud of our next generation nuclear power plant - the AP1000 - which has fewer components than today's plants and has safety systems based on natural phenomena like condensation. The AP1000 is the only Generation III+ reactor to receive Design Certification from the U.S. Nuclear Regulatory Commission. Westinghouse nuclear technology will help provide future generations with safe, clean and reliable electricity.

WorleyParsons, Reading, PA (Foyer 2)

As an AE of record, WorleyParsons has been actively engaged in all phases of the nuclear power industry for over 45 years. We have world-class credentials and a reputation as a provider of high-quality, cost-effective engineering services. We have successfully completed 16 nuclear generating units, totaling over 11, 100 MWe, around the world. We deliver full-service design, analysis, modification engineering, extended power uprate, license renewal, decommissioning, construction management, due diligence evaluations, Construction and Operating License Applications and as Owner's Engineer for new nuclear plant design and construction."

ANS Expo 2008

November 9-11, 2008 • Grand Sierra Resort & Casino • Reno, NV

SUNDAY, 6-7:30pm • MONDAY, 11:30am - 6pm • TUESDAY, 10am - 2pm

The ANS Nuclear Technology Expo will be held in conjunction with the ANS Winter Meeting.

Meeting Theme: "Nuclear Power – Ready, Steady, Go"

• Exhibitors Receive

- One Complimentary Meeting Badge
- One Complimentary Exhibitor Only Badge
- Tickets for Reception & Luncheon
- ANS Expo Guide Listing
- Meeting Program Publicity
- Copy of Meeting TRANSACTIONS

• Special Events in the Exhibit Hall

Sunday - ANS President's Reception

Monday - ANS Sponsored Luncheon, Prizes, Welcome Reception

Tuesday - Dessert Bar, Prizes

• Over 1000 Attendees Expected

Booth space is still available! For detailed information, contact Sharon Bohlander at 800.250.3678 x227 or visit our Web site at www.earlbeckwith.com.

Mark Your Calendars!

American Nuclear Society: 2008 WINTER MEETING

“Nuclear Power—Ready, Steady, Go”



**November 9-13, 2008
Reno, Nevada
Grand Sierra Hotel**

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