

## SAN DIEGO CODE WEEK MEETING SCHEDULE

The next meeting of the ASME Boiler and Pressure Vessel Committee will be held in conjunction with the 78<sup>th</sup> General Meeting of the National Board of Boiler & Pressure Vessel Inspectors in Southern California. ASME will host their meetings in San Diego at

Town & Country Resort & Convention Center  
500 Hotel Circle North  
San Diego, CA 92108  
Phone: 619-291-7131

The National Board will host their meetings in La Jolla at

Hyatt Regency La Jolla at Aventine  
3777 La Jolla Village Drive,  
San Diego, CA 92122  
Phone: 858 552 1234

Bus transportation will be provided between these facilities

A complete schedule for the ASME meetings and map of the meeting room layout of the Town & Country is attached. Information on the program for 78<sup>th</sup> General Meeting of the National Board is available on their website located at <http://www.nationalboard.org/>

---

## REGISTRATION FOR CODE WEEK ATTENDEES

To help us better plan for Code Weeks, it is useful to have attendance figures and to know which stakeholders are participating. Therefore, we are going to try something new. We would like to register and provide name badges to all Code Week participants. This information may also help committees plan future meetings and identify potential new members. Finally, it will also allow us to get to know each others name.

In order to make the badges, we request that all Boiler Code Week participants go to website:

<https://www.asmeconferences.org/registrations/Login.cfm?ConferenceCode=BCW0509>

You will be asked to fill in some basic information, which will allow us to make a name badge for you. Registration is free and will only take a couple of minutes. While registration is voluntary, it will help us in Boiler Code Week planning. So we ask that you please do so. When you get to San Diego, please stop by the ASME office to pick up your name badge.

---

## SLEEPING ROOM RESERVATIONS FOR THE AUGUST CODE WEEK IN MEMPHIS

The ASME Meetings Department has renegotiated the rate for the Marriott Memphis Downtown Hotel to \$139. For further information on reservations for August Code Week [CLICK ON THIS LINK](#).

---

## ASME NUCLEAR TECHNICAL SEMINARS – Blueprint for a Nuclear Renaissance

ASME will be holding a program on June 22 and 23 in Atlanta, Georgia entitled ASME NUCLEAR TECHNICAL SEMINARS – *Blueprint for a Nuclear Renaissance*. For a copy of the brochure for this program [CLICK ON THIS LINK](#). To register online go to <https://www.asmeconferences.org/nuclear09/>

---

## ASME RECEPTION ON THURSDAY NIGHT

ASME will be hosting a reception on Thursday May 15 from 5:30pm to 7:30pm. Please join us on Thursday evening as we celebrate the 125<sup>th</sup> Anniversary of ASME Codes & Standards.

# Nuclear Codes & Standards Training Workshop

## Introduction to Nuclear Codes & Standards

Date: Monday, May 11, 2009 9:00 AM – 12:00 PM

Place: Town and Country Resort and Conference Center, San Diego CA

### Topics

9:00 – 9:05

#### Welcome

Speaker: John Bendo – ASME  
*Nuclear Energy Business Manager*

9:05 - 9:30

#### Overview of the Boiler Code

Speaker: Bryan Erler – Erler Engineering  
*Vice President, ASME Nuclear Codes and Standards*

9:30 - 9:50

#### The Interaction Between the NRC and ASME

Speaker: Tim Lupold – US Nuclear Regulatory Commission  
*Member, Working Group on Nuclear High Temperature Gas Cooled Reactors*

9:50 - 10:20

#### Code Development and Committee Processes

Speaker: Chris Sanna – ASME  
*Secretary, Section III Standards Committee*

10:20 - 10:30 Break

10:30 - 11:00

#### Section III Overview – Rules for Construction of Nuclear Facility Components

Speaker: Ralph Hill – Westinghouse Electric Company  
*Member, Board on Nuclear Codes and Standards*

11:00 - 11:30

#### Section XI Overview – Rules for Inservice Inspection of Nuclear Power Plant Components

Speaker: Rick Swayne – Reedy Engineering  
*Member, Board on Nuclear Codes and Standards*

11:30 - 11:45

#### C&S Connect overview

Speaker: Ryan Crane – ASME  
*Secretary, Section XI Standards Committee*

11:45 - 12:00 Q&A

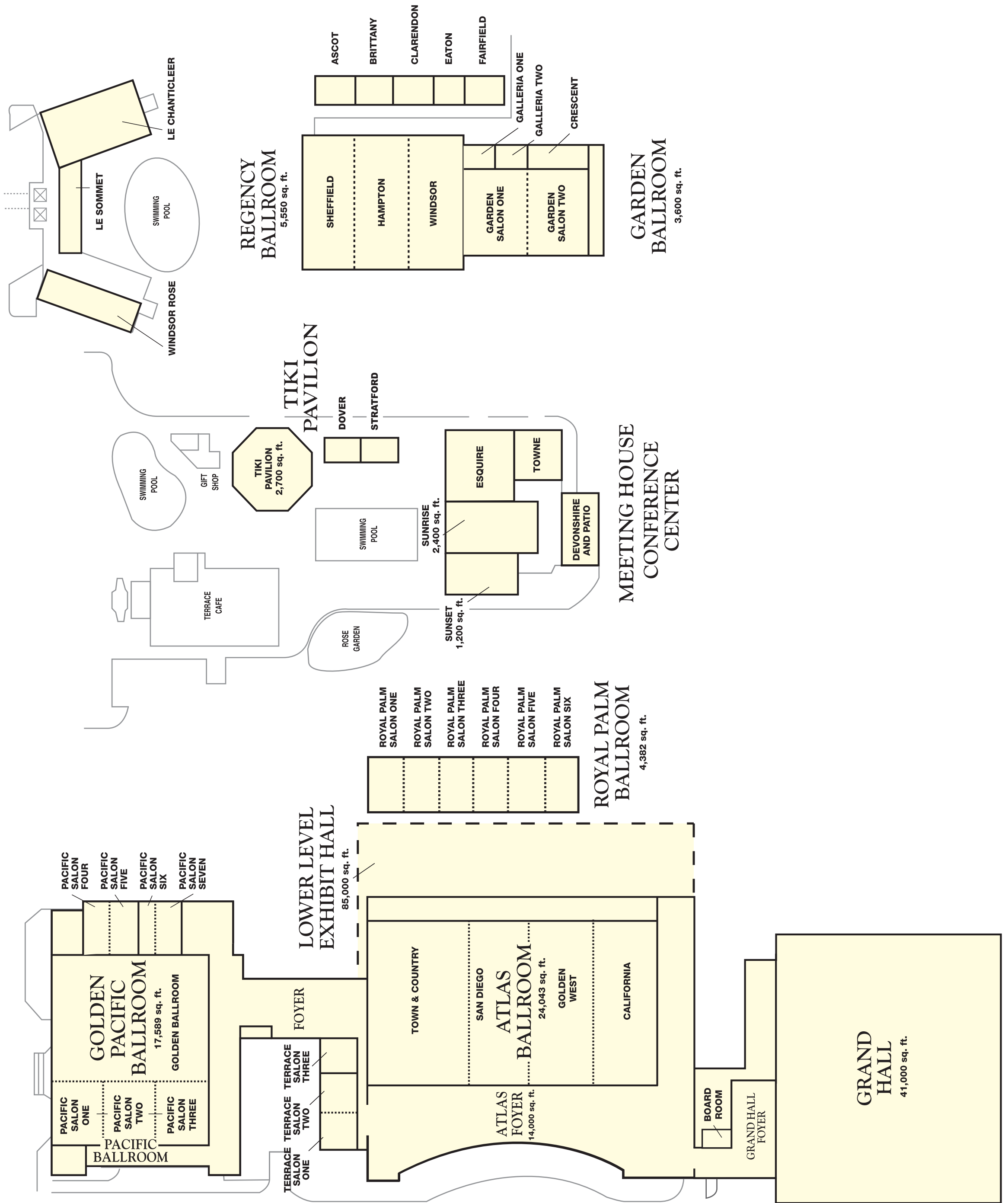
<b>EVENT DATE</b>	<b>EVENT NAME</b>	<b>MEETING ROOM</b>
<b>SUNDAY, MAY 10, 2009</b>		
<b>08:30 AM - 05:00 PM</b>	<b>ASME Office</b>	Terrace Salon 3
01:00 PM - 05:00 PM	SG External Pressure (BPV II & SC-D)	Clarendon
03:00 PM - 04:00 PM	TG Data Requirements for New Materials (BPV II)	Crescent
04:00 PM - 08:00 PM	TG Creep Strength Enhanced Ferritic Steels (BPV II)	Crescent
02:00 PM - 05:00 PM	SG- Graphite Core Components: Special Session (BPV III)	Brittany
03:00 PM - 06:00 PM	TG-Source Material (BPV III)	Garden Salon 1
09:00 AM - 05:00 PM	SWG High Temperature Gas Cooled Reactors (BPV XI)	Eaton
07:00 PM - 09:00 PM	TG Evaluation Procedures for Degraded Buried Pipe (BPV XI)	Eaton
02:00 PM - 08:00 PM	TG Procedures/Review Req. (C-BPVCA)	Ascot
06:00 PM - 09:00 PM	TG New Reactors and Globalization	Garden Salon 2
<b>MONDAY, MAY 11, 2009</b>		
<b>07:30 AM - 05:00 PM</b>	<b>ASME Office</b>	Terrace Salon 3
<b>09:00 AM - 05:00 PM</b>	<b>C&amp;S Connect Training</b>	Sunset
<b>07:00 AM - 08:00 AM</b>	<b>QAI Subcommittee on Accreditation</b>	<b>(CLOSED MEETING)</b> Windsor
<b>08:00 AM - 09:00 AM</b>	<b>Standards Committee on Qualifications for Authorized Inspection (QAI)</b>	<b>Windsor</b>
<b>09:00 AM - 04:00 PM</b>	<b>Joint ACI-ASME Committee on Concrete Components for Nuclear Service</b>	<b>Royal Palm Salon 1</b>
<b>10:00 AM - 08:00 PM</b>	<b>Committee on Nuclear Certification (CNC)</b>	<b>(CLOSED MEETING)</b> Royal Palm 4/5
08:00 AM - 04:00 PM	SG Strength, Ferrous Alloys (BPV II)	Ascot
08:00 AM - 05:00 PM	SG Nonferrous Alloys (BPV II)	Crescent
08:00 AM - 12:00 PM	SG External Pressure (BPV II & SC-D)	Clarendon
08:00 AM - 12:00 PM	SWG Non-Metallic Materials (BPV II)	Brittany
04:00 PM - 07:00 PM	SG Strength of Weldments (BPV II & IX)	Royal Palm 6
05:00 PM - 06:30 PM	SG International Material Specifications (BPV II)	Dover
09:00 AM - 05:00 PM	TG General Requirements for Graphite Core Components (SG-GR)(SG-GCC)(BPV III)	Stratford
07:30 AM - 10:00 AM	TG General Requirements (SWG PE Pipe)(BPV III)	Garden Salon 1
08:00 AM - 05:00 PM	WG Design of Division 3 Containments (SG D)(BPV III)	Eaton
08:30 AM - 03:00 PM	WG Piping Design (SG D)(BPV III)	Windsor Rose
01:00 PM - 05:00 PM	TG on Materials (SWG PE Pipe)(BPV III)	Garden Salon 1
08:00 AM - 02:00 PM	SG - Industry Experience for New Plants (BPV III & BPV XI)	Hampton
04:00 PM - 07:00 PM	TG - Fusion (BPV III)	Royal Palm 2
01:30 PM - 04:30 PM	SG Welded Boilers (BPV IV)	Esquire
05:00 PM - 06:30 PM	SG Materials (BPV IV)	Towne
06:00 PM - 08:30 PM	SG Toughness (BPV VIII)	Sheffield

<b>EVENT DATE</b>	<b>EVENT NAME</b>	<b>MEETING ROOM</b>
<b>MONDAY, MAY 11, 2009 (Continued)</b>		
08:00 AM - 01:00 PM	SG Performance and Procedure Qualifications (BPV IX)	Garden Salon 2
01:00 PM - 02:00 PM	SG Brazing (BPV IX)	Towne
01:00 PM - 03:00 PM	TG Advanced Power Supplies (BPV IX)	Royal Palm 6
02:00 PM - 04:00 PM	SG Materials (BPV IX)	Towne
03:00 PM - 04:00 PM	TG P-No Assignments (BPV IX)	Clarendon
03:00 PM - 05:00 PM	SG General Requirements (BPV IX)	Sheffield
08:00 AM - 12:00 PM	TG Dissimilar Metal Inlay (BPV XI)	Le Sommet
08:30 AM - 04:00 PM	SWG NPAM (BPV XI)	Le Chanticleer
08:30 AM - 04:30 PM	SWG High Temperature Gas Cooled Reactors (BPV XI)	Pacific Salon 7
08:30 AM - 05:00 PM	WG Implementation of Risk Based Exam (BPV XI)	Pacific Salon 6
08:30 AM - 06:00 PM	WG Pipe Flaw Evaluation (BPV XI)	Pacific Salon 5
08:30 AM - 12:30 PM	WG ISI Optimization (BPV XI)	Dover
01:00 PM - 03:00 PM	TG Inconel Weld Overlay (BPV XI)	Le Sommet
01:00 PM - 05:00 PM	TG Alloy 600 (BPV XI)	Royal Palm 3
01:00 PM - 05:00 PM	TG Appendix VIII (BPV XI)	Dover
03:00 PM - 05:00 PM	Ad Hoc Task Group on ACCP (BPV XI)	Brittany
03:00 PM - 06:00 PM	TG Underwater Laser Welding (BPV XI)	Le Sommet
04:00 PM - 06:00 PM	SG RRA Executive (BPV XI)	Towne
05:00 PM - 06:30 PM	SG WCS Executive (BPV XI)	Esquire
06:00 PM - 07:00 PM	TG Temper Bead Welding (BPV XI)	Le Sommet
08:30 AM - 12:00 PM	SG General Requirements (BPV XII)	Pacific Salon 4
01:00 PM - 05:00 PM	SG Design and Materials (BPV XII)	Pacific Salon 4
01:00 PM - 05:00 PM	SG Fabrication & Inspection (BPV XII)	Pacific Salon 4
05:00 PM - 07:00 PM	SG Nonmandatory Appendices (BPV XII)	Pacific Salon 4
08:00 AM - 11:00 AM	TG Elastic Plastic FEA (SC D)	Sheffield
09:00 AM - 12:00 PM	Workshop: Introduction to Nuclear Codes & Standards and Committee Participation	Sunrise
11:00 AM - 03:00 PM	SG Design Analysis (SC D)	Sheffield
05:00 PM - 07:00 PM	TG Section V, Article 14 (NDE Database)	Crescent
05:00 PM - 07:30 PM	TG Gen IV Materials	Sunrise
<b>TUESDAY, MAY 12, 2009</b>		
<b>07:30 AM - 05:00 PM</b>	<b>ASME Office</b>	<b>Terrace Salon 3</b>
<b>09:00 AM - 05:00 PM</b>	<b>C&amp;S Connect Training</b>	<b>Sunset</b>
<b>08:00 AM - 12:00 PM</b>	<b>BPV Committee on Transport Tanks (BPV XII)</b>	<b>Royal Palm Salon 3</b>
<b>08:00 AM - 12:01 PM</b>	<b>Committee BPV Conformity Assessment (C-BPVCA)</b>	<b>Windsor</b>
<b>08:00 AM - 01:30 PM</b>	<b>Standards Committee on Welding &amp; Brazing (BPV IX)</b>	<b>Windsor Rose</b>

EVENT DATE	EVENT NAME	MEETING ROOM
<b>TUESDAY, MAY 12, 2009 (Continued)</b>		
08:00 AM - 09:00 AM	SG Piping (BPV I)	Le Sommet
01:00 PM - 03:00 PM	SG Fabrication & Examination (BPV I)	Le Sommet
03:00 PM - 05:00 PM	SG on Design (BPV I)	Le Sommet
09:00 AM - 01:00 PM	SG on General Requirements (BPV I)	Le Sommet
07:00 AM - 08:00 AM	TG Data Analysis (BPV II)	Clarendon
08:00 AM - 09:00 AM	BPV Committee on Materials (BPV II) Executive Session	Garden Salon 1
<b>09:00 AM - 05:00 PM</b>	<b>BPV Committee on Materials (BPV II)</b>	<b>Garden Salon 1</b>
08:00 AM - 04:00 PM	SG NUPACK (BPV III)	Royal Palm Salons 4/5
08:00 AM - 04:00 PM	WG Vessels (SG D)(BPV III)	Stratford
08:00 AM - 10:00 AM	WG - Liquid Metal Reactors (BPV III)	Royal Palm Salon 2
08:00 AM - 12:00 PM	TG on Design (SWG PE Pipe)(BPV III)	Eaton
08:30 AM - 05:00 PM	WG Supports (SG-D) (BPV III)	Ascot
08:30 AM - 12:00 PM	WG-Design of Pumps (SG-D) (BPV III)	Pacific Salon 5
08:30 AM - 12:00 PM	WG Quality Assurance, Certification and Stamping (SG-GR)(BPV III)	Hampton
09:00 AM - 12:00 PM	TG NCA 4100/NQA-1 Coordination (BPV III)	Royal Palm Salon 6
01:00 PM - 03:30 PM	TG on Research (SWG PE Pipe)(BPV III)	Eaton
01:00 PM - 05:00 PM	SG General Requirements (BPV III)	Royal Palm Salon 2
02:00 PM - 05:00 PM	WG Design Methodologies (SG D)(BPV III)	Pacific Salon 5
04:30 PM - 07:00 PM	SWG Polyethylene Piping (BPV III)	Hampton
05:00 PM - 07:00 PM	WG - High Temperature Gas Cooled Reactors (BPV III)	Ascot
05:00 PM - 07:00 PM	WG - Probabilistic Methods in Design (SGD)(BPV III)	Dover
08:30 AM - 12:00 PM	WG Duties and Responsibilities (SG-GR) (III)	Brittany
08:00 AM - 12:00 PM	WG Radiography (BPV V)	Esquire
01:00 PM - 04:00 PM	WG Ultrasonics (BPV V)	Esquire
04:00 PM - 07:00 PM	WG Acoustic Emissions (BPV V)	Esquire
08:00 AM - 06:00 PM	SG Design (BPV VIII)	Sheffield
06:00 PM - 08:00 PM	TG Standard Welded Parts (BPV VIII)	Clarendon
03:00 PM - 05:00 PM	TG Joining Plastic Pipe (BPV IX)	Pacific Salon 7
08:00 AM - 05:00 PM	WG Design and Programs (BPV XI)	Towne
08:30 AM - 02:00 PM	WG Operating Plant Criteria (BPV XI)	Royal Palm Salon 1
08:30 AM - 03:00 PM	WG General Requirements (BPV XI)	Clarendon
08:30 AM - 04:00 PM	WG ISC (BPV XI)	Dover
08:30 AM - 04:00 PM	WG Pressure Testing (BPV XI)	Garden Salon 2
08:30 AM - 05:00 PM	WG Containment (BPV XI)	Crescent
08:30 AM - 05:00 PM	WG Flaw Evaluation (BPV XI)	Pacific Salon 4
08:30 AM - 12:00 PM	WG Personnel Qualification SV and ECE (BPV XI)	Pacific Salon 6

EVENT DATE	EVENT NAME	MEETING ROOM
<b>TUESDAY, MAY 12, 2009 (Continued)</b>		
08:30 AM - 12:00 PM	WG Procedure Qualification and Volumetric Exam (BPV XI)	Pacific Salon 7
08:30 PM - 01:00 PM	WG Welding and Special Repair Processes (BPV XI)	Le Chanticleer
01:00 PM - 03:00 PM	TG Alt NDE for RRA (BPV XI)	Royal Palm Salon 3
01:00 PM - 05:00 PM	Welding Best Practices (BPV XI)	Le Chanticleer
03:00 PM - 05:00 PM	TG Cast Stainless Steel (BPV XI)	Royal Palm Salon 3
03:00 PM - 07:00 PM	SC XI Executive Session (BPV XI)	Windsor
05:00 PM - 07:00 PM	ISI Program Owners Group (BPV XI)	Sheffield
10:00 AM - 05:00 PM	SG Elevated Temperature Design (SC D)	Sunrise
<b>WEDNESDAY, MAY 13, 2009</b>		
<b>07:30 AM - 05:00 PM</b>	<b>ASME Office</b>	Terrace Salon 3
01:00 PM - 06:00 PM	SG on Materials (BPV I)	Le Sommet
08:00 AM - 04:00 PM	SG Materials, Fabrication & Examination (BPV III)	Hampton
08:00 AM - 05:00 PM	SG Design (BPV III)	Windsor Rose
08:30 AM - 05:00 PM	TG on Computational Modeling for Explicit Dynamics (BPV III)	Ascot
01:00 PM - 05:00 PM	SG Strategy & Mgt. (BPV III)	Eaton
05:30 PM - 07:00 PM	Special Committee on Interpretations (BPV III)	Eaton
06:00 PM - 07:00 PM	SWG Environmental Effects (BPV III) (SG Design)	Stratford
08:30 AM - 12:00 PM	SG Surface Examination Methods (BPV V)	Pacific Salon 4
01:00 PM - 04:00 PM	SG Volumetric Methods (BPV V)	Pacific Salon 4
04:00 PM - 07:00 PM	SG General Requirements/Personnel Qualifications & Inquiries (BPV V)	Crescent
07:30 AM - 04:30 PM	SG General Requirements (BPV VIII)	Le Sommet
08:00 AM - 04:00 PM	SG Fabrication & Inspection (BPV VIII)	Esquire
08:00 AM - 05:00 PM	SG Heat Transfer Equipment (BPV VIII)	Towne
08:00 AM - 05:00 PM	SG Materials (BPV VIII)	Le Chanticleer
08:30 AM - 02:00 PM	TG on Impulsively Loaded Vessels (BPV VIII)	Dover
05:00 PM - 07:00 PM	Special Committee on Interpretations (BPV VIII)	Royal Palm Salon 1
08:30 AM - 01:00 PM	SG Evaluation Standards (BPV XI)	Sunrise
08:30 AM - 04:00 PM	SG Water Cooled Systems (BPV XI)	Windsor
08:30 AM - 04:30 PM	SG Non-Destructive Examination (BPV XI)	Royal Palm Salon 1
08:00 AM - 04:00 PM	SG RRA (BPV XI)	Sheffield
01:00 PM - 04:30 PM	TG Stress Corrossion Cracking (BPV XI)	Sunrise
04:30 PM - 06:30 PM	Special Committee on Interpretations (BPV XI)	Royal Palm Salons 4/5
08:30 AM - 05:00 PM	B31 Mechanical Design Technical Committee (B31 MDC)	Royal Palm Salon 3
08:30 AM - 05:00 PM	SWG Bolted Flanged Joints (SC-D)	Pacific Salon 6

<b>EVENT DATE</b>	<b>EVENT NAME</b>	<b>MEETING ROOM</b>
<b>WEDNESDAY, MAY 13, 2009 (Continued)</b>		
02:00 PM - 05:00 PM	SG Openings (SC D)	Clarendon
05:00 PM - 06:30 PM	Three Mile Island - 30 Years Later; A Discussion with Those That Were There (Pre-recorded Video Presentation)	Sheffield
<b>THURSDAY, MAY 14, 2009</b>		
<b>07:30 AM - 05:00 PM</b>	<b>ASME Office</b>	Terrace Salon 3
<b>07:00 AM - 12:00 PM</b>	<b>BPV Committee on Nondestructive Examination (BPV V)</b>	Royal Palm Salons 4/5
<b>07:30 AM - 09:30 AM</b>	<b>Administrative Session BPV Committee on Construction of Nuclear Facility Components (BPV III)</b>	<b>(Closed Meeting)</b> Sunset
<b>08:00 AM - 04:00 PM</b>	<b>BPV Committee on Power Boilers (BPV I)</b>	Windsor Rose
<b>08:00 AM - 09:00 AM</b>	<b>BPV XI Administrative Session on Nuclear Inservice Inspection (BPV XI)</b>	<b>(Closed Meeting)</b> Sunrise
<b>10:00 AM - 05:00 PM</b>	<b>Standards Committee on Construction of Nuclear Facility Components (BPV III)</b>	Pacific Salons 6 & 7
<b>01:00 PM - 05:00 PM</b>	<b>BPV Committee on Heating Boilers (BPV IV)</b>	Royal Palm Salons 1/2
<b>07:30 AM - 09:15 AM</b>	<b>BPV VIII Executive Session (BPV VIII)</b>	Esquire
<b>09:30 AM - 05:00 PM</b>	<b>Standards Committee on Pressure Vessels (BPV VIII)</b>	Sheffield
<b>09:00 AM - 04:30 PM</b>	<b>BPV XI Standards Committee on Nuclear Inservice Inspection (BPV XI)</b>	Sunrise
02:00 PM - 07:00 PM	SWG Editing and Review (BPV XI)	Clarendon
08:30 AM - 05:00 PM	BPV Team Leaders Seminar	Hampton
08:30 AM - 12:00 PM	CSDAFB Standards Committee	Windsor
5:30 PM - 07:30 PM	<b>ASME Reception</b>	Sunrise or Pacific Ballroom
<b>FRIDAY, MAY 15, 2009</b>		
<b>07:30 AM - 02:00 PM</b>	<b>ASME Office</b>	Terrace Salon 3
<b>07:30 AM - 09:30 AM</b>	<b>BPV Administrative Committee</b>	Royal Palm Salons 4/5
08:30 AM - 04:00 PM	CSDAFB Standards Committee	Windsor



**ASME CODE WEEK MEETING  
AUGUST 10 TO 14 IN MEMPHIS  
SLEEPING ROOM RESERVATIONS**

NAME/DATE OF MEETING: CODE WEEK - August 9-14, 2009

GROUP NAME/PASSWORD: ASME - Boiler Code Week

HOTEL: **Marriott Memphis Downtown Hotel**  
250 North Main Street  
Memphis, TN 38103

RESERVATION #: Ph: 888 557-8740 or 901 527-7300

DISTANCE FROM AIRPORT: 13 Miles

SLEEPING ROOM RATE: \$139 single/double occupancy

RESERVATION CUT-OFF: Wednesday, July 8, 2009

AIRPORT TRANSPORT: Taxi Service @ \$25 per person.

APPLICABLE TAXES: 15.95% State and Local taxes



# ASME Nuclear Technical Seminars

*Blueprint for the Nuclear Renaissance*

June 22–23, 2009  
Atlanta, Georgia

## Two Full Days. Five In-depth Tracks.

Learn about the design, construction, and operations of the next fleet of nuclear power plants.

Explore new trends and lessons learned from more than 30 renowned experts in the industry.

- Nuclear Power Plant Design
- Nuclear Power Plant Construction
- Nuclear Power Plant Startup
- Nuclear Power Plant Operations & Maintenance
- Nuclear Industry for Early Career Engineers



Early-bird savings of \$150 when you register by May 15

[www.asmeconferences.org/nuclear09](http://www.asmeconferences.org/nuclear09)

# Opening Plenary Session

## "Success Factors for the Nuclear Renaissance"

Monday June 22, 2009

8.00 am – 10.00 am

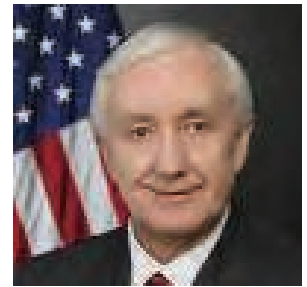
Discussion on the opportunities and challenges for the design, construction, startup, and operation of the next fleet of nuclear power plants in the U.S. The speakers are:



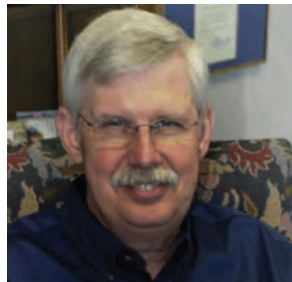
**Bryan Erler**  
Vice President, ASME Nuclear  
Codes & Standards



**Marvin Fertel** (invited)  
Senior Vice President  
Nuclear Energy Institute



**Dr. Dale E. Klein** (invited)  
Chairman  
U.S. Nuclear Regulatory  
Commission



**Joe Sheppard**  
President and CEO  
South Texas Project



**Donald Schopfer**  
Executive Vice President  
Sargent and Lundy

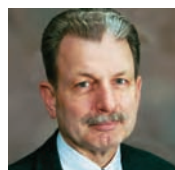
### Program Directors



**Nuclear Power Plant  
Design**  
[Bryan Erler](#)  
Vice President, ASME  
Nuclear Codes &  
Standards



**Nuclear Power Plant  
Construction**  
[Lou Hayden](#)  
Vice President,  
ASME Pressure  
Technology Codes  
& Standards



**Nuclear Power Plant  
Startup**  
[Wes Rowley](#)  
Member, ASME Board  
on Nuclear Codes &  
Standards



**Nuclear Power Plant  
Operations and  
Maintenance**  
[James August](#)  
Vice President,  
Technical Operations,  
CORE Inc.



**Nuclear Industry for Early  
Career Engineers**  
[John Goossen](#)  
Director, Science &  
Technology,  
Westinghouse Electric  
Company

Register Today. [www.asmeconferences.org/nuclear09](http://www.asmeconferences.org/nuclear09)

# ASME Nuclear Technical Seminars Program At-A-Glance

**---- MONDAY, JUNE 22 ----**

8:00-10:00

**Plenary Session: "Success Factors for the Nuclear Renaissance"**

A panel of senior level executives representing owners, USNRC, NEI, and AE/Constructors will discuss the opportunity and challenges for the design, construction, startup, and operation of the next fleet of nuclear power plants in the U.S.

**Nuclear Power Plant Design**

**Nuclear Power Plant Construction**

**Nuclear Power Plant Startup**

**Nuclear Power Plant Operations & Maintenance**

**Nuclear Industry for Early Career Engineers**

10:00-10:30

**---- COFFEE BREAK ----**

10:30-10:45

Introduction and Track Overview  
*(Bryan Erler, VP, ASME Nuclear C&S)*

Introduction and Track Overview  
*(Lou Hayden, VP, ASME Pressure Technology C&S)*

Introduction and Track Overview  
*(Wes Rowley, Member, ASME Board on Nuclear C&S)*

Introduction and Track Overview  
*(James August, VP, Technical Ops, CORE)*

Introduction and Track Overview  
*(John Goossen, Director, Science & Technology, Westinghouse)*

10:45-Noon

**Project Planning**

- Selection of Reactor Type
- Site Selection
- Project Management Approaches

-----  
*(Bryan Erler, VP, ASME Nuclear C&S)*

**Scope, Roles and Responsibilities**

- Primary Developer/ NSSS
- Contractors & Procurement
- Owner
- Impact Combined Construction/Op License
- Interface with Engineer and Suppliers
- Construction Engineering/ Management Education

-----  
*(Tony Sideris, SPSU)*  
*(Ken Sowder, Consultant)*

**Construction Testing**

- Construction Testing, Hydro, and System/ Sub-system Turnover
- Containment Structural Integrity Test
- Maintenance Support During Startup

-----  
*(Dennis Swann, Southern Nuclear)*

**Technical Requirements, O&M**

How to Incorporate Operations & Maintenance Considerations into Design

**Sessions Recommended for Early Career Engineers**

Track 1 - Project Planning  
  
Track 4 - Technical Requirements, O&M

Noon-1:00

**---- LUNCH ----**

1:00-2:00

**Preliminary Design**

- Major Equipment Specifications
- Component Classification
- Licensing
- Site Issues (Seismic, Cooling, Construction Access)

-----  
*(URS)*

**Quality Assurance, Regulator and Conformity Assessment**

- QA/QC During Fabrication and Construction
- NRC Inspector and Living with ITAACs
- ASME N-stamps/QSCs
- Nuclear Construction and Conformity Insurance

-----  
*(Doug Brown, Sargent & Lundy)*  
*(Wil LaRochelle, HSB)*

**ASME Code Pre-service Inspection & Testing**

- Pre-service Inspection
- Pump & Valve Pre-service Testing
- Snubber Pre-service Testing

-----  
*(Rick Swayne, Reedy Engineering)*  
*(Glen Palmer, Palmer Group International)*  
*(Ron Lippy, True North)*

Part 50 Regulatory Basis for O&M

Design Basis Conversion into O&M Action Tasks  
-----  
*(James August, CORE Inc.)*

**Sessions Recommended for Early Career Engineers**

Track 1 - Preliminary Design  
  
Track 2 - Quality Assurance, Regulator and Conformity Assessment  
  
Track 3 - ASME Code Pre-service Inspection & Testing

2:00-3:00

3:00-3:30

**---- COFFEE BREAK ----**

3:30-5:00

**System Design**

- Mechanical System Requirements
- Electrical and Control Systems
- P&ID's
- Electrical Single Line
- Equipment Specifications

-----  
*(Gary Jones, Jones Partners)*

**Planning and Scheduling**

- Use of Advanced P&S Tools
- Construction Cost Estimating
- Just in Time Fabrication
- Optimum Completion Sequencing

-----  
*(Rich Porco, Ellis & Watts)*

**Specialty System Testing**

- Pre-service Testing of Nuclear Air & Gas Treatment Systems
- Pre-service Testing of Nuclear Cranes
- LLRT and ILRT

-----  
*(Rich Porco, VP, Ellis & Watts)*  
*(Bob Parry, Florida Power & Light)*  
*(Brad Lytle, NASA)*

Part 52 Structure: PRA, SAR & RAP  
-----  
*(James August, CORE Inc.)*

**Session Recommended for Early Career Engineers**

Track 1 - System Design

5:00-5:30

**EARLY CAREER FEEDBACK SESSION – Moderator: John Goossen, Director, Science & Technology, Westinghouse**

5:30-7:00

**---- NETWORKING RECEPTION ----**

# ASME Nuclear Technical Seminars Program At-A-Glance

---- TUESDAY JUNE 23 ----

	Nuclear Power Plant Design	Nuclear Power Plant Construction	Nuclear Power Plant Startup	Nuclear Power Plant Operations & Maintenance	Nuclear Industry for Early Career Engineers
8:00-10:00	<p><b>Development of General Arrangements</b></p> <ul style="list-style-type: none"> <li>- Site Arrangements</li> <li>- Types of Building Arrangements and Elevations</li> <li>- Types of Structures</li> <li>- Types of Foundations</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Bryan Erler, VP, ASME Nuclear C&amp;S)</i></p>	<p><b>Application of Advanced Construction Practices</b></p> <ul style="list-style-type: none"> <li>- Modularization (Westinghouse)</li> <li>- Skid Mounted Components</li> <li>- Slip Jumping Enclosed Construction</li> <li>- Heavy Lifts</li> <li>- Site Fabrication</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Cynthia Pezze, Westinghouse)</i> <i>(Brad Lytle, NASA)</i></p>	<p><b>Pre-operational Testing</b></p> <ul style="list-style-type: none"> <li>- Application of NRC RG 1.68 &amp; ITAACS</li> <li>- Pre-op Testing of NSSS Systems</li> <li>- Pre-op Testing of BOP Systems</li> <li>- Pre-op Testing of ECCS (Westinghouse)</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Terry Daugherty, AREVA)</i> <i>(Andrew Taylor, Entergy)</i> <i>(Cynthia Pezze, Westinghouse)</i></p>	<p style="text-align: center;">SSC PRA Reliability Integration</p> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(William Szymczak, Areva)</i></p>	<p style="text-align: center;"><b>Sessions Recommended for Early Career Engineers</b></p> <p>Track 2 - Applications of Advanced Construction Practices</p> <p>Track 3 - Pre-operational Testing</p>
---- COFFEE BREAK ----					
10:00-10:30	<p><b>Special Analyses</b></p> <ul style="list-style-type: none"> <li>- ASME Reactor Vessel Design</li> <li>- Development of a PRA</li> <li>- Containment Design Basis</li> <li>- Pipe Break Analysis</li> <li>- Fire Protection</li> <li>- External Events</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Dr. Ram Srinivasan, AREVA)</i></p>	<p><b>Specialty Considerations</b></p> <ul style="list-style-type: none"> <li>- Welding Qualification, Examination &amp; Acceptance</li> <li>- Systems Integration</li> <li>- Electronic &amp; Intelligent Modeling as Construction Tool</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Bob Jesse, Oak Ridge Nat'l Lab)</i> <i>(Dave Weber, American Crane &amp; Equipment)</i></p>	<p><b>Specialty Plant Testing</b></p> <ul style="list-style-type: none"> <li>- Piping Thermal Expansion &amp; Vibration</li> <li>- Loose Parts Monitoring</li> <li>- Hot Functional Testing</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Dave Olson, Sargent &amp; Lundy)</i> <i>(Craig Sellers, Alion)</i> <i>(Gil Zigler, Alion)</i></p>	<p style="text-align: center;">Operations Requirements to Develop Monitoring Scheduled Maintenance</p>	<p style="text-align: center;"><b>Sessions Recommended for Early Career Engineers</b></p> <p>Track 1 - Special Analyses</p> <p>Track 4 - Operations Requirements</p>
---- LUNCH ----					
Noon-1:00	<p><b>Detail Design</b></p> <ul style="list-style-type: none"> <li>- Structural Design (Seismic Analysis, Containment, Concrete &amp; Steel Structures, Foundations)</li> <li>- Piping and Equipment (Specifications, Equipment Qualifications EQ, Piping Layout and Analysis)</li> <li>- Electrical Equipment (Specifications, Cable Tray and Conduit Routing, Equipment Qualification EQ, Cable Routing)</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Robert W. Hooks, Sargent &amp; Lundy)</i></p>	<p><b>Lessons from Past Design &amp; Construction Problems</b></p> <ul style="list-style-type: none"> <li>- NCIG Observations</li> <li>- Applying Past Lessons Learned to Future NPPs</li> <li>- Pre-Service Inspection: Off-site Versus On-site Fabrication</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Gary Clark, AREVA)</i> <i>(Tom Quaka, Industry Consultant)</i> <i>(Rick Swayne, Reedy Engineering)</i></p>	<p><b>Startup Testing</b></p> <ul style="list-style-type: none"> <li>- Initial Criticality</li> <li>- Connection to the Grid</li> <li>- Power Ascension Testing</li> </ul> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Carter Noland, Enercon)</i> <i>(John J. Dore, Jr. Exelon Nuclear LLC)</i></p>	<p style="text-align: center;">Reliability Assurance Program (RAP) Bridge to Performance: MRule</p> <p style="text-align: center;">-----</p> <p style="text-align: center;"><i>(Andrew Taylor, Entergy)</i></p> <p style="text-align: center;">Maintenance Standards for NGNP</p>	<p style="text-align: center;"><b>Sessions Recommended for Early Career Engineers</b></p> <p>Track 2 - Lessons from Past Design &amp; Construction Problems</p> <p>Track 3 - Startup Testing</p>
1:00-2:30	<p><b>Design - General Summary / Q&amp;A</b></p> <p style="text-align: center;"><i>(Bryan Erler, VP, ASME Nuclear C&amp;S)</i></p>	<p><b>Construction - General Summary / Q&amp;A</b></p> <p style="text-align: center;"><i>(Lou Hayden, VP, ASME Pressure Technology C&amp;S)</i></p>	<p><b>Startup - General Summary and Q&amp;A</b></p> <p style="text-align: center;"><i>(Wes Rowley, Member, ASME Board on Nuclear C&amp;S)</i></p>	<p><b>O&amp;M-General Summary and Q&amp;A</b></p> <p style="text-align: center;"><i>(James August, VP, Technical Ops, CORE Inc.)</i></p>	<p style="text-align: center;"><b>Early Career Feedback Session</b></p> <p style="text-align: center;"><i>(John Goossen, Director, Science &amp; Technology Westinghouse)</i></p>
2:30-3:00	---- COFFEE BREAK ----				
3:00-3:30	---- COFFEE BREAK ----				
3:30-5:00	<p><b>PLENARY: WRAP-UP AND Q&amp;A PANEL</b> – Program directors will lead an audience-interactive discussion to summarize the state of the industry and discuss the needs for the future.</p>				

**Don't miss the networking reception (Monday 5:30 – 7:00 pm). It's an opportunity to meet and network with peers and industry experts.**

# Hear what engineering's brightest minds have to say about the next fleet of nuclear power plants.

## **Alion**

Craig Sellers  
Division Manager  
Science & Technology

Gil Zigler  
Senior Scientist Engineer

## **American Crane & Equipment**

Dave Weber  
VP, Product Development &  
Government

## **AREVA**

Dr. Ram Srinivasan  
Engineering Manager

Gary Clark  
Project Manager

Terry Daugherty  
Principal Technical Specialist

William Szymczak  
Supervisor, PRA Group

## **ASME**

Bryan Erler  
VP, Nuclear Codes & Standards

Lou Hayden  
VP, Pressure Technology

Wes Rowley  
Board Member  
Nuclear Codes & Standards

## **Consultants**

Ken Sowder  
Senior Consultant

Tom Quaka  
Senior Consultant

## **CORE Inc.**

James August  
VP, Technical Operations

## **Ellis & Watts**

Rich Porco  
Vice President

## **Enercon**

Carter Noland  
Vice President, Engineering Services

## **Entergy Nuclear**

Andrew Taylor  
Senior Lead Engineer

## **Exelon Nuclear LLC**

John J. Dore  
Corporate IST/Appendix J Engineer

## **Florida Power & Light**

Bob Parry  
Supervisor

## **Hartford Steam Boiler**

Wil La Rochelle  
Principal Nuclear Consultant

## **Jones Partners**

Gary Jones  
Principal Consultant

## **NASA**

Brad Lytle  
Mechanical Engineer

## **Oak Ridge National Lab**

Bob Jesse  
Senior Staff Engineer

## **Palmer Group Int'l**

Glen Palmer  
Principal Consultant

## **Reedy Engineering**

Rick Swayne  
Senior Consultant

## **Sargent & Lundy**

Donald Schopfer  
Executive VP, Nuclear

Robert Hooks  
Vice President, Building and Design  
Director for STP 3-4 Project

Dave Olson  
Supervisor

Doug Brown  
Senior Consultant

## **Southern Nuclear**

Dennis Swann  
Programs Supervisor

## **Southern Texas Project**

Joe Sheppard  
President & CEO

## **SPSU**

Tony Sideris  
Program Manager

## **True North**

Ron Lippy, Manager,  
Engineering Programs

## **Westinghouse**

John Goossen  
Director, Science & Technology

Cynthia Pezze  
Chief Engineer, New Plants

## **Exhibition Opportunities Available**

**Showcase your company's products  
and services.**

Contact Jennifer Delda, Program Manager at:

Ph. +1-212-591-7108

Email: [DeldaJ@asme.org](mailto:DeldaJ@asme.org)