



17th Annual CMBG Conference
Hosted by Duke Energy
Marriott City Center - Charlotte, NC
June 20 - 23, 2010

March 22, 2010 (2nd announcement)

Planning is on target for the 17th annual Configuration Management Benchmarking Group Conference in Charlotte June 20 -23, 2010. If you plan to attend please take a few minutes now to register for the conference and make travel arrangements.

The conference is a great way to meet and share important information and experiences with other Configuration Management practitioners throughout the nuclear industry and government nuclear facilities. The theme of this year's conference is "Continuous Improvement with Effective CM". You can visit the CMBG website at <http://www.cmbg.org> for information about this and past conferences.

As in the past, this year's agenda is filled with timely topics of true relevance to successful implementation of Configuration Management in our industry. If you haven't attended a CMBG conference before, you should make plans to attend this important event. Your participation and knowledge sharing will add significant value to the conference and allow you to learn many of the best industry practices in this area. The conference begins Sunday evening and ends at noon on Wednesday.

The conference agenda includes the following topics. Go to the web site www.cmbg.org for a more detailed description.

Presentations

- CM and CMBG History
- Reestablishing CM at Browns Ferry 1 and Watts Bar 2
- INPO Perspective on CM Performance
- Engineering as technical conscience and advocate
- Cyber Security for Digital Equipment
- INPO New plants AP-932
- EPRI New Plant Initiatives
- 2011 Conference Preview
- CM Training – best practices
- Temporary Design Changes
- Audience participation Panel Discussion - Conference Wrap Up & Take Away

Breakouts

- Engineering as technical conscience and advocate
- Vendor recontact issues

- Impact reviews - interface mods with procedure, training, etc
- Cyber security for digital equipment
- Effective margin management (implementing new program or reinvigorating existing program)
- Calculation integrity
- Best practices in CM training
- Temporary changes
- Equipment databases
- Facility Configuration Information backlog reduction
- Engineering services vendor management & oversight
- Drawing control - graded approaches

Workshops

- CM Fundamentals (CM-101)
- New Plants - Discussion of INPO & EPRI initiatives

Register on-line

The conference registration fee is only \$250. This includes a welcoming reception on Sunday evening, breakfast, lunch and refreshments daily and a social event Monday evening at [Strike City](#). You can register for the conference and for your hotel room at our web site: www.CMBG.org

Hotel Reservations

The CMBG rate is \$99.00 per night for guest rooms. This excellent rate is available for 2 days before and after the conference based on availability. The reservation cutoff date is June 2, 2010. After this date, reservations will be accepted as available and will be at the hotel's normal rates. You can register using the link on our web site www.cmbg.org, or by calling Marriott reservations at 1-800-228-9290 or 1-704-333-9000. If you use this method, please specify the Charlotte Marriott Center City and that you are part of the Configuration Management Benchmarking Group to get the conference rate.

This announcement is being distributed to CM practitioners listed on the CMBG database. If you are not the appropriate individual to attend this event, please forward this mailing to the person(s) responsible for CM at your facility. If you would like to be removed from this mailing list, please go www.cmbg.org and submit the change to the Contacts database, or email your request to rick.harris@duke-energy.com.

We look forward to seeing you in Charlotte this June. If you have questions, or would like more information about the conference, you can contact me at (980) 875-5589 or rick.harris@duke-energy.com.

Sincerely,

Rick Harris
Duke Energy - McGuire Nuclear Station

| Presentation | Presenter | Descriptions |
|---|---|--|
| Introduction | Rick Harris | Rick Harris will provide logistical information about conference activities. |
| Welcome | Tom Geer, VP Nuclear Engineering, Duke Energy | Tom Geer will relate the goals of the CMBG to Duke Energy's experience and initiatives |
| CM and CMBG History | Keith Reinsmith, PPL Susquehanna, CMBG Chair | Configuration Management and CMBG History - This presentation will present a chronology and evolution of configuration management as a practice and review the history and role of CMBG in CM |
| INPO Perspective on CM Performance | Debbie Williams, INPO | Debbie Williams will describe INPO's activities related to Technical Conscience and will also provide updates on other CM-related activities and current focus areas. |
| Engineering as technical conscience and advocate | Mike Hayes, Exelon | Engineering as Technical Conscience and Advocate – This presentation and breakout session will explore the attributes of technical conscience and the role of the engineer as advocate for sound engineering principles and judgments. The presentation will include the principles and implementation strategies for a strong nuclear safety culture that incorporates technical conscience. The breakout session will provide a forum to discuss technical conscience attributes in more detail and benchmark approaches being used in the industry to implement these principles. |
| Cyber Security for Digital Equipment | Glen Frix, Duke Energy | Cyber Security for Digital Equipment – This presentation and breakout session is intended to educate the CM practitioner on current and upcoming changes to cyber security with respect to digital equipment and systems. The presentation will cover: (a) A history of cyber security from September 11 to NEI 04-04 to NEI 08-09 (b) Where the NRC and the industry currently stand (c) How these changes could affect Configuration Management |
| Reestablishing CM at Browns Ferry 1 and Watts Bar 2 | Ed Freeman, Engineering Manager TVA | Ed Freeman, Engineering Manager at Tennessee Valley Authority for the Watts Bar Unit 2 project, will speak on how TVA is managing configuration management for the planned startup of WBN2 in 2013, and how TVA incorporated lessons learned from the Browns Ferry Unit 1 restart in 2007 |
| INPO New plants AP-932 | John Maciejewski, INPO | This presentation will introduce AP-932, describe the concepts in the document and provide the reasons why the document was developed. The presentation will help prepare attendees for the workshop on INPO & EPRI new plant initiatives |
| EPRI New Plant Initiatives | Ken Barry, EPRI | Ken Barry will provide an update on the many projects that the EPRI Advanced Nuclear Technology (ANT) group are working on including projects on Virtual Plant Configuration Management, Modular Equipment Testing, and NDE Digital Data Storage and Records Management. |

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| NRC - New Plant Licensing Issues | Dave Matthews, NRC | Dave Matthews, Director, Division of New Reactor Licensing, will discuss issues related to new reactor license applications and reviews. The presentation will cover issues noted in some of the applications related to the use of certified designs, level of detail, and interface issues between the various parties developing the applications. The current status/progress of the submitted applications will also be presented. The relationship of some of these issues to configuration management, as appropriate, will also be discussed |
| CM Training - Best Practices | John Parler, SCANA | John Parler will discuss the importance of doing CM training, some of the basic elements of a good CM training program, training techniques used for engineering as well as other workgroups. |
| Temporary Design Changes | Tony Hathcock, Duke Energy | This presentation will briefly cover the types of processes that allow temporary configuration changes in the plant. However, the main focus will be the formal Temporary Design Change process including: 1) the criteria used to determine when a Temporary Design Change is needed, 2) the mechanism which ensures removal of the change, and 3) actions taken when the scheduled removal does not occur. |
| 2011 Conference Preview | Paul Davis, PSEG | Paul Davis will give us a preview of the 2011 CMBG conference in Philadelphia, hosted by PSEG |
| Audience participation Panel Discussion - Conference Wrap Up & Take Away | Mike Hayes will select panel members on Monday: - 2 veterans - 2 new attendees | Panel members will each describe useful information, insights, or peer consensus that they will take back to their facilities to improve their CM. Audience and other panel members are invited to comment on the panel member's discussion and/or identify their own take-aways. The panel discussion is intended to encourage attendees to leverage the learning from the conference to improve their CM Programs. |
| NASCAR, a regulated industry | Mike Fisher-NASCAR R&D Center | Mike Fisher, managing director of the NASCAR R&D Center (NASCAR's sanctioning body) will describe some of the challenges with regulating high technology motorsports |

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| Engineering as technical conscience and advocate | Mike Hayes, Exelon | Engineering as Technical Conscience and Advocate – This presentation and breakout session will explore the attributes of technical conscience and the role of the engineer as advocate for sound engineering principles and judgments. The presentation will include the principles and implementation strategies for a strong nuclear safety culture that incorporates technical conscience. The breakout session will provide a forum to discuss technical conscience attributes in more detail and benchmark approaches being used in the industry to implement these principles. |
| Vendor periodic contact (“recontact”) issues | Paul Davis, PSEG | This breakout session is intended to help attendees share information about their Vendor Equipment Technical Information Program (VETIP). With numerous Vendor company buyouts and a “nuclear renaissance” on the horizon, companies may want to recontact vendors that were removed from your program for a variety of reasons. Also to be discussed are recent “OE” items and methods for determining what are “Key” safety related systems and components |
| Impact reviews - Interface mods with procedure, training, etc | Joe Violence, PSEG, and John Parler, SCANA | This breakout session will discuss how plants interface with line departments (operations, maintenance, RP, etc) during the design change development process to identify procedure changes and training needs |
| Cyber Security for Digital Equipment | Glen Frix, Duke and, Paul Davis, PSEG | Cyber Security for Digital Equipment – This presentation and breakout session is intended to educate the CM practitioner of current and upcoming changes to cyber security with respect to digital equipment and systems. The presentation will cover: (a) A history of cyber security from September 11 to NEI 04-04 to NEI 08-09 (b) Where the NRC and the industry currently stand (c) How these changes could affect Configuration Management |
| Effective Margin Management (implementing new program or reinvigorating existing program) | Keith Reinsmith, PPL Susquehanna and Mike Hayes, Exelon | Effective Margin Management (Implementing a New Program or Reinvigorating an existing program)- This breakout session will focus on benchmarking best practices and lessons-learned in implementing a new margin management program. Also to be discussed are methods to restart previously instituted margin programs that have languished. Attendees are encouraged to describe techniques that have been successful and those that have not in each of these areas. |
| Calculation Integrity | Mike Dickson, Duke Energy | Participants in this breakout will have an opportunity to discuss and share ideas on Calculation Integrity. Issues considered include documentation of design inputs, design outputs (such as drawings, specifications and Engineering Changes), assumptions and appropriate use of engineering judgment. ANSI N45-2.11 and 10CFR50 App B will be discussed as applicable to various calculations. The term “calculation of record” will be discussed. |
| Best practices in CM Training | John Parler, SCANA | Participants in this breakout will have an opportunity to discuss and share ideas on various ways to implement an effective CM training program. Who is in the “Training Population”? Who provides the training? How often is training or retraining done? Tools used in training. How in-depth does / should training go? Is the program formal or informal? Participants planning to attend should be able to provide or discuss any examples of programs at their site (successes, problems, pitfalls). |

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| Temporary Changes | Tony Hathcock, Duke Energy and Mike Hayes, Exelon | Proper management of Temporary Design Changes (i.e., "formal" Engineering Change package) is vital to facility configuration management. This break out session will focus on the various aspects of Temporary Design Changes (TDCs) including the criteria for use of the TDC process, problems related to the removal of TDCs, and site measures used to monitor TDCs. Attendee's should be prepared to discuss how their plant manages TDCs, any problems related to the overdue removal of TDCs, and measures/metrics used to track TDCs. Time permitting, we will also discuss other types of processes other than the formal Temporary Design Change which allows configuration changes such as procedurally controlled changes, pre-engineered changes, and activities in support of plant maintenance. |
| Equipment Databases | Mike Stout, Enterprise Informatics | This breakout session is part of a series intended to provide discussion on basic CM concepts. It is intended to help attendees share information about the development, maintenance and use of equipment databases. Attendees will be asked to describe their organizations approach to data integrity and 'ownership' of the database, as well as its uses. This will include a review of the 'rules' implied by 10CFR50, Appendix B and a sharing of information about audit results and feedback from INPO and the NRC. |
| Facility Configuration Information (FCI) Backlog Reduction | Paul Davis, PSEG | Participants in this breakout will have an opportunity to discuss and share ideas on various ways to reduce FCI backlogs, including drawings, calculations, and other Engineering documents. This may include use of supplemental resources (internal or external), special or streamlined processes for bulk FCI updates, or any software or other tools to assist in managing and reducing the backlogs. Participants planning to attend should be able to provide or discuss any examples of FCI backlog reduction efforts at their respective sites. |
| Engineering services vendor control & oversight | Jack Shoulders, PG&E & Bob Hess, PSE&E (retired) | This breakout session is intended to provide an open discussion of methods used to manage and provide oversight of engineering services vendors. Most plants are using outside engineering services organizations to support design and modification work. This is being done in several different ways. These consist of having an outside engineering firm with offices on-site or off-site or by using staff augmentation engineers in the utility engineering organization. Each of these methods results in unique management and oversight issues. Participants should come prepared to discuss and share how they approach these management and oversight issues. |
| Drawing Control - graded approaches | Mike Stout, Enterprise Informatics | This breakout session is part of a series intended to provide discussion on basic CM concepts. It is intended to help attendees share information about processes and rules associated with maintaining plant design and manufacturers drawings, including the use of a 'graded approach' to updates. This will include a review of the 'rules' implied by 10CFR50, Appendix B and a sharing of information about audit results and feedback from INPO and the NRC. |

| Workshop | Facilitator | Description |
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| CM Fundamentals (CM-101) | Judy Schulte, Duke Energy | People attending the conference for the first time, or new to the field of configuration management, who want to review the basic principles of what CM means to the nuclear industry should attend this presentation and discussion. Participants are invited to bring questions or examples regarding their CM challenges at their locations for discussion and input from your peers. |
| New Plants - Discussion of INPO & EPRI Initiatives | Ken Barry, EPRI, and Lloyd Hancock, LRH Consulting | INPO and EPRI are influencing the builders of new plants by providing guidance on establishing configuration control and designing Configuration Management processes and tools in conjunction with new plant design and construction. Building on the INPO and EPRI presentations, this workshop will provide a forum for participants to identify challenges, opportunities, issues, and solutions for this critical function of new plant design and construction. Expected participants include engineers and CM personnel assigned to new plant design and construction and experienced CM personnel interested in the challenges of designing and implementing CM processes. Participants should expect to complete a questionnaire to aid facilitators in tailoring the flow of this workshop. |