

**12<sup>th</sup> NUMUG Meeting  
Charlotte, NC  
June 25-27, 2008**

**Meeting Program**

**[Wednesday, June 25, 2008] Morning (ANS standards working group meetings)**

- 9:30 – 10:15     ANSI/ANS-3.11 Working Group Meeting (Matt Parker)
- 10:15 – 10:30    Break
- 10:30 – 12:00    ANSI/ANS-2.15 Working Group Meeting (John Ciolek)
- 12:00 – 1:00     Lunch on your own

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**[Wednesday, June 25, 2008] Afternoon (Joint session with RETS/REMP)**

- 1:00 – 2:00     **NUMUG and RETS/REMP working together**
  - a. **Ken Wastrack:** What is NUMUG? – History and future  
**Ken Sejkora:** What is RETS/REMP? – History and future
  - b. [Group discussion] How can NUMUG and RETS/REMP best work together?
- 2:00 – 2:30     **NUMUG Issues of Interest to RETS/REMP - Part I**
  - a. **Paul Snead:** Meteorological Considerations for Nuclear Power Plant Siting and Licensing
- 2:30 – 3:00     Break
- 3:00 – 4:00     **RETS/REMP Issues of Interest to NUMUG**
  - a. **Ken Sejkora:** Atmospheric Sources of Tritium and Potential Implications to Surface and Groundwater Monitoring Efforts
  - b. **Jim Key:** Calculation of X/Q for Releases from Area Sources
- 4:00 – 4:30     **NUMUG Issues of Interest to RETS/REMP - Part II**
  - a. **Ken Wastrack:** Impact of Weather Changes On TVA Nuclear Plant Chi/Q
- 6:00 – 8:00     **NUMUG Welcoming Reception (Full meal)**

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**[Thursday, June 26, 2008] Morning (NUMUG Meeting)**

**7:00 – 8:00    Breakfast**

**8:00 – 9:00    I. Welcome to NUMUG in Charlotte**

- a. **Carl Mazzola:** Welcome, Opening Items and Introduction of Keynote Speaker
- b. Keynote Speaker: **Peter Hastings:** Duke Energy (William Lee Nuclear Plant Licensing Manager) - The American Nuclear Renaissance

**9:00 – 9:30    II. NRC Initiatives - part I**

- a. **Tom Galletta:** NRC Update 2008 – The “Nuclear Renaissance”

**9:30 – 10:00    Break**

**10:00 – 11:30    III. NRC Initiatives - part II**

- a. **Joseph Hoch:** The Nuclear Regulatory Commission’s Combined Operating License Application Review Process
- b. **Brad Harvey:** Revision 1 to Regulatory Guide 1.23, “Meteorological Monitoring Programs for Nuclear Power Plants”
- c. Discussion session -- feedback to NRC

**11:30 – 12:30    Lunch**

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**[Thursday, June 26, 2008] Afternoon (NUMUG Meeting)**

- 12:30 – 1:30    **IV. Meteorological Monitoring System Innovations**
- a. **Jean-Michel Fage:** Temperature Lapse Rate Estimation By Doppler SODAR
  - b. **Tim Waldron:** Utilization of 5-second Data in Data Quality Programs for Meteorological Towers
- 1:30 – 2:00    **V. Combined Operating License Application (COLA) Applications - Part I**
- a. **Ping Wan:** Meteorological Considerations in Preparing a Combined License Application for a New Nuclear Power Plant to be Located at a Green Field Site
- 2:00 – 2:30    Break
- 2:30 – 3:00    **VI. Combined Operating License Application (COLA) Applications - Part II**
- a. **Mark Abrams:** Meteorological Data Validation for New Nuclear Plant Units COLA
- 3:00 – 4:30    **VII. Operating Experience**
- a. **Doyle Pittman:** Lessons Learned from Guy Wire and Anchor Replacement at Sequoyah Nuclear Plant
  - b. **Mark Carroll:** Determining a Backup Source of Meteorological Data for Dispersion Characteristics (Wind and Stability)
  - c. **Jim Holian:** Case Study: Impact of Above Ground Spent Fuel Storage on Nearby Meteorological Systems
- 4:30 – 5:00    **Day I Wrap-up and Open Discussion**
- 6:00 – 10:00    Social Activity (Charlotte Knights Baseball Game and Southern Buffet): Bus leaves lobby at 6:00 pm.**

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**[Friday, June 27, 2008] Morning (NUMUG Meeting)**

- 7:00 – 8:00    Breakfast**
- 8:00 – 9:00    VIII. NUMUG Business**
- a. NUMUG Business Meeting
  - b. Open discussion
- 9:00 – 9:30    IX. NRC Initiatives - III**
- a. **Cliff Glantz:** New NRC Rules and Regulatory Guidance for Cyber Security and the Implications for Meteorological Programs
- 9:30 – 10:00    Break**
- 10:00 – 11:00    X. DMCC Experiences**
- a. **Carl Mazzola:** DMCC Software Quality Assurance Guidance for Meteorological Software
  - b. **John Ciolek:** A Web-Based Forum for the DOE Meteorological Community
- 11:00 – 11:45    XI. Round Robin (Issues and Solutions)**
- a. Several program managers and vendors openly discuss issues that were successfully addressed since the last NUMUG meeting
- 11:45 – 12:00    XII. Next NUMUG Meeting and Closing Items**
- 12:00            Adjourn until Fall 2009 Meeting**

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