

**NUMUG MEETING – LAS VEGAS, NEVADA
OCTOBER 18-20, 2000**

AGENDA

WEDNESDAY, OCTOBER 18, 2000

- 5:30 pm** **EARLY REGISTRATION**
- 7:00 pm** Welcoming dinner with DMCC

THURSDAY, OCTOBER 19, 2000

- 7:30 am** **REGISTRATION**
- 8:15 am** Host welcome and announcements
- 8:30 am** Keynote speaker, "Yucca Mountain Project Overview", *Allen Benson, Director of Institutional Affairs on the Yucca Mountain Project*

ANSI 3.11 (Carl Mazzola - Session Chair)

- 9:00 am** Session Overview, *Carl Mazzola, Stone and Webster Engineering*
- 9:05 am** ANSI/ANS 3.11, "A New American National Standard for Determining Meteorological Information at Nuclear Facilities", *Stanley Marsh, Southern California Edison Company*
- 9:25 am** A Comparison of ANSI/ANS-3.11 with ANSI/ANS-2.5, *Doyle Pittman, TVA*

**ISSUES AND POTENTIAL IMPACTS OF
ANSI-3.11 ON METEOROLOGICAL PROGRAMS
(Carl Mazzola - Facilitator)**

- 9:40 am** Utility Perspective (Southern California Edison), *Stanley Marsh*
- 9:55 am** Utility Perspective (Duke Engineering and Services), *Robert B. Harvey*
- 10:10 am** **BREAK**
- 10:30 am** Vendor Perspective (EQE/PLG), *Mark Abrams*
- 10:45 am** Department of Energy Perspective (SRS), *Matt Parker*

- 11:00 am Department of Energy Perspective (Yucca Mountain), *Paul Fransioli*
- 11:15 am Open Discussion With Panelists
- 11:30 am Possibility of NRC Endorsement of ANSI/ANS-3.11, *Doyle Pittman, TVA*
- 11:40 am Open Discussion With NUMUG Membership
- 12:05 pm Identification of Action Items Regarding NRC Endorsement and the Future of the ANSI/ANS Working Group, *Carl Mazzola, Stone and Webster Engineering*
- 12:15 pm **LUNCH BREAK**
- 1:00 pm **VENDOR EXHIBITS**

NEW TECHNOLOGIES IN METEOROLOGY (Mark Abrams – Session Chair)

- 1:40 pm “An Environmental Data Web Accessed Database”, *Keith Iosso, Coastal Environmental*
- 2:00 pm “Recent Developments in Remote Sensing”, *David Katz, Climatronics Corporation*
- 2:20 pm “Evaluation of Sonic Anemometers”, *Doyle Pittman, TVA*
- 2:40 pm **BREAK**
- 3:00 pm “Wind Tunnel Testing and Field Experiences with Met One 50.5 Sonic”, *Matt Parker, Westinghouse-Savannah River Company*
- 3:20 pm “High Resolution Wind Profile Measurements”, *Ken Underwood, Aerovironment*
- 3:40 pm “DewTrak Chilled Mirror Hygrometers”, *Jeff Plugis, EdgeTech Moisture and Humidity Systems*
- 4:00 pm “A New High Accuracy Meteorological Thermohygrometer for Field Measurements of Ambient Air and Dew Point Temperatures”, *William Stein, Yankee Environmental Systems*
- 4:20 pm Wrap-up Discussion on the Day’s Activities
- 4:30 pm **ADJOURN**

FRIDAY, OCTOBER 20, 2000

8:00 am Call to Order and Announcements

**METEOROLOGICAL DATA DISPLAY/DISSEMINATION
(Dan Mihalik, - Session Chair)**

8:10 am "Millstone Station Meteorological Monitoring Program Manual", *Robert B. Harvey, Duke Engineering*

MODELING

8:30 am "Essential Factors to be Considered in Nuclear Power Application", *Ping Wan, Bechtel Corporation*

8:50 am "Plume Simulation Using GPS", *Paul Holland, American Electric Power*

9:10 am "New Systems for Meteorological Data Display, Atmospheric Dispersion Modeling, and Dose Assessment", *Clifford S. Glantz, Pacific Northwest National Laboratory*

9:30 am "A Meteorological Data Assimilation and Numerical Weather Prediction System Designed for Utility Industry Applications", *John S. Snook, Peter A. Stamus, Gregory S. Poulos, Agbeli K. Ameko, Colorado Research Associates*

9:50 am BREAK

MISCELLANEOUS TOPICS

10:10 am "The NRC's Revised Performance Based Inspection, Assessment and Enforcement Program", *Robert Yewdall, Public Service Electric and Gas*

10:30 am "A New Probabilistic Hurricane Forecasting Service", *Randy McNeely and Mark Leidner, Atmospheric and Environmental Research*

10:50 am "NUMUG Meteorological Data Base History and Future", *Ken Wastrack, TVA*

11:10 am "Control Room Habitability Issues", *Robert B. Harvey, Duke Engineering*

11:30 am Panel Discussion on Deregulation

12:00 am NUMUG Business Meeting and Selection of New Committee Members

12:30 pm MEETING ADJOURNS