

**13<sup>th</sup> NUMUG Meeting  
San Francisco, CA  
October 21-23, 2009**

**Meeting Program**

**Wednesday, October 21, 2009**

3:00 – 5:00PM ANSI/ANS 3.11 Working Group Meeting (Matt Parker)

6:00 – 8:30PM NUMUG Welcoming Reception (Dinner)

Palomino Restaurant  
345 Spear Street  
San Francisco, CA 94105

**Thursday, October 22, 2009 - Morning**

7:00 – 8:00 AM Breakfast

8:00 – 9:00 AM Opening Remarks/Guest Speaker

Ed McCarthy: Welcome and Introduction of Guest Speaker

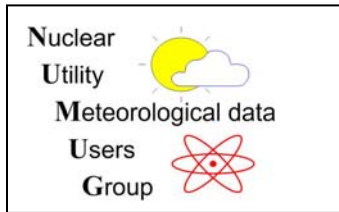
Guest Speaker: Paul Roller  
Director/Plant Manager  
PG&E Humboldt Bay Power Plant

9:00 – 10:00 AM NRC Activities (Chair: Jennifer Call)

Brad Harvey  
Senior Physical Scientist, US NRC  
**NRC Update 2009: New Reactor Licensing Activities**

Kevin Quinlan  
Physical Scientist, US NRC  
**An Introduction to Headquarters Operations Center and RASCAL**

10:00 AM – 10:15 AM Break



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**Thursday, October 22, 2009 - Morning**

10:15 AM– 11:45 AM

Operating Licenses/Permitting (Chair: Mark Abrams)

Ping Wan

Senior Principal Engineer, Bechtel Power Corporation

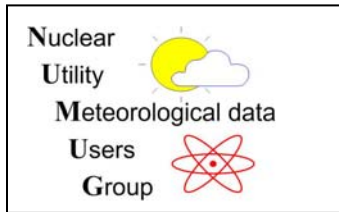
**Lessons Learned from Establishing Design- and Operating –  
Basis Meteorological Conditions for Preparing Permit  
Applications of New Nuclear Power Plants in the United States.**

Matt Parker ,Carl Mazzola, Walter Schalk

**Some Thoughts about Meteorological Monitoring Reviews**

Ted Messier

**Comparison of the AEOLUS3 Atmospheric Dispersion  
Computer Code with NRC Codes PAVAN and XOQDOQ**



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**Thursday, October 22, 2009 - Afternoon**

11:45AM – 1:00PM

Lunch

1:00PM – 2:30PM

Operating Experience (Chair: Ed McCarthy)

Tom Bellinger  
Y-12 National Security Complex  
**The Y-12 Wet Bulb Globe Temperature Project**

Jim Holian and Steve Mirsky  
SAIC  
**Various Methodologies for Calculating the Impacts on Delta-T from Independent Spent Fuel Storage Installations (ISIFI)**

Kenneth G. Wastrack, Jennifer M. Call, D. Sherea Burns  
Tennessee Valley Authority  
**New and Improved Meteorological Data Archives**

2:30 PM – 3:00PM

Break

3:00 PM – 4:30 PM

Operating Experience (Continued)

Mark T. Carroll  
Murray and Trettel, Inc  
**The Potential Impact of Wind Turbines on Nearby Meteorological Monitoring Sites**

Clay Madden  
Columbia Generating Station  
**Dispersion and Deposition Estimation Issues**

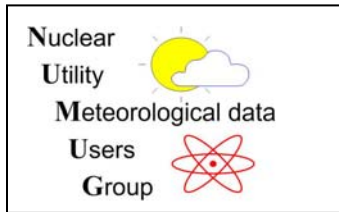
Clay Madden  
Columbia Generating Station  
**Meteorological Program Self Assessment**

4:30 PM – 4:45 PM

Day 1 Wrap-Up and Open Discussion

6:00 PM – 10:00 PM

Social Activity – Nightlife at the California Academy of Science.  
(Bus pickup at 77 Beale Street; Bus returns from CAS at 10:30PM)

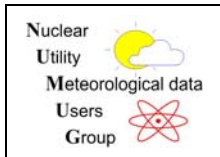


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**Friday, October 23, 2009**

7:00 – 8:00 AM	Breakfast
8:00 – 8:30 AM	Doyle Pittman Tennessee valley Authority (Retired) <b>A Short History of Nearly Everything NUMUG</b>
8:30 – 9:00AM	NUMUG Business Meeting  a. NUMUG Business Meeting  b. Open Discussion
9:00 – 10:00 AM	Quality Assurance (Chair: Jim Holian)  Cliff Glantz Staff Scientist, PNL <b>An Insider's Perspective on the NRC's New Cyber Security Rule and Forthcoming Regulatory Guidance: Potential Impacts on Meteorology and Emergency Preparedness Programs.</b>  T. Edward Fenstermacher and Mark J. Abrams ABS Consulting, Inc. <b>Taking on the Ten Times Rule – Where Did It Come From? Is It Really Valid?</b>
10:00 – 10:30 AM	Break
10:30 – 11:00 AM	DMCC Activities and Standard Committee Activities
11:00 – 11:30 AM	Round Robin Discussion of Industry Issues and Solutions
11:30 – 11:45 AM	Next NUMUG Meeting and Closing Items
11:45 AM	Adjournment
12:30 – 4:30 PM	NARAC Tour – Pickup Van @ 12:30 in front of 77 Beale Street; Tour at 2:00PM at NARAC in Livermore; Van returns To 77 Beale Street at 4:30PM.



# CHARTER

## **Nuclear Utility Meteorological Data Users Group**

### **1) Name**

- a. The name of the group is the Nuclear Utility Meteorological Data Users Group (NUMUG).

### **2) Mission and Objectives**

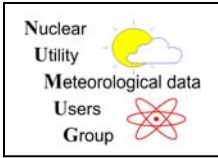
- a. To provide a forum to address problems and exchange ideas for those collecting and utilizing meteorological data at nuclear facilities.

### **3) Membership**

- a. Membership is open to any individual interested in pursuing the mission and objectives of the group. Individuals interested in membership should inform a member of the Steering Committee who will add their name to the membership roster.

### **4) Steering Committee**

- a. The management of the group is vested in the Steering Committee. The Steering Committee shall consist of five members, with at least three members representing US electric utilities.
- b. The Chair of the Steering Committee shall be selected from, and represent a consensus vote of the Steering Committee members after each group meeting.
- c. A term on the Steering Committee is defined as the period of time between meetings. Steering Committee members should not serve more than two consecutive terms.
- d. New members of the Steering Committee are to be chosen from membership volunteers by the existing Steering Committee prior to group meetings.
- e. Responsibilities of the Steering Committee include:
  - Support the “Mission and Objectives” of NUMUG
  - Solicit industry-wide representation and participation.
  - Maintain and distribute a Membership Roster.
  - Solicit suggestions for group activities and support implementation of NUMUG activities.
  - Keep membership informed of group activities via NUMUG server, e-mail, regular mail and group meetings.
  - Plan and publicize group meetings.
  - Maintain a financial record of NUMUG, in support of its tax-exempt status.
  - Update IRS records with revisions to NUMUG’s Charter.



## CHARTER

### **Nuclear Utility Meteorological Data Users Group**

- Select a Treasurer from NUMUG membership to handle NUMUG funds, any bank account(s) and financial record keeping.

f. The Treasurer shall serve for 3 terms, where a term is defined as the period between group meetings. If the Office of Treasurer becomes vacant, the Steering Committee shall appoint a new Treasurer for a period of 3 terms.

#### **5) Finances**

- a. No dues shall be collected by the group and the group shall accumulate minimal assets. It is expected that group members and their sponsoring organizations will voluntarily contribute the time and resources required to manage group activities between group meetings.
- b. Registration fees can be charged for attendance at group meetings to offset costs associated with implementing group meetings.
- c. Vendors or utilities may provide assets to help offset costs associated with implementing group meetings. Any sponsorship may be noted in the program for the group meetings. Sponsorship does not imply any endorsement by NUMUG of sponsor's products or services.
- d. Upon dissolution of NUMUG, the remaining assets will be distributed to a charitable organization, to be selected by the Steering Committee.

#### **6) Meetings**

- a. Group meetings shall be held every one to two years. The location and agenda of group meetings are to be determined by the Steering Committee.

#### **7) Amendments to the Charter**

- a. Amendments to this charter can be proposed by any member in attendance at any group meeting. Amendments can be approved by a consensus vote of the members in attendance.

#### **8) Ethics**

- a. The Membership Roster and NUMUG server are not to be used for directly commercial purposes such as widespread distribution of marketing information via the Server or selling or re-distributing Membership Rosters or dissemination of political or religious opinions.

## **Steering Committee for the 13th NUMUG Meeting**

Edward F. McCarthy, NUMUG  
Chairman  
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