

NUMUG Meeting Agenda

April 24 through April 26, 1996
San Francisco, CA

Wednesday, April 24: Hyatt Regency San Francisco

7:00 PM Registration and Opening Reception

Thursday, April 25: PG&E Conference Room A, 245 Market St.

7:30 AM Registration and continental breakfast - Conference Room A

8:30 AM Welcome and Introduction -
Jim Tomkins, Director, Nuclear Licensing & Design Basis, PG&E

SESSION 1: NRC GUIDANCE/INTERPRETATION

8:45 AM KEYNOTE SPEECH: NRC Update on Emergency Response
Rich Barrette, Branch Chief, Emergency Response Branch, NRC

9:15 AM Status Update on ANS/ANSI 2.5
Stan Marsh, SCE Corp. and Jean B. Savy, ANS 2.0 Chairperson

9:35 AM Discussion of ANSI 2.5 Update

9:45 AM A Synopsis of the ASTM 1995 Johnson Conference on the Performance Evaluation of Atmospheric Dispersion Models: How Well Can the Effects of Chaos be Characterized?
R. Brad Harvey, Yankee Atomic Electric Company

10:00 AM Report on DOE Meteorology Coordinating Council
Robert Addis, Westinghouse Savannah River Co.

10:15 AM Break

SESSION 2: METEOROLOGICAL ASPECTS AT NUCLEAR POWER PLANTS

10:45 AM Model Simulation of Wildfires in the Vicinity of Diablo Canyon Power Plant under Conditions of Heterogeneous Terrain, Fuels, and Weather
Mark Dedon and Woody Whitlatch, PG&E

11:10 AM ASOS and National Weather Service Data
Bob Diaz, Deputy MIC, NWS San Francisco Bay Area

11:30 AM Meteorological and Oceanographic Monitoring as an Aid to Nuclear Power Production
Dave Sommerville and John Lindsey, PG&E

12:00 Noon Luncheon - 3rd Floor, 77 Beale St.

NUMUG Meeting Agenda (Cont.)

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Thursday, April 25 (Cont.): PG&E Conference Room A, 245 Market St.

SESSION 3: NEW TECHNOLOGIES FOR METEOROLOGICAL MONITORING

- 1:10 PM Comparison of Data from Three Co-Located Sensing Units: MetOne 010/020, HANDAR 430/431, and REMTECH Phased Array SODAR
Frank Gouveia and Ron Baskett, LLNL
- 1:30 PM Palo Verde's Re-Engineered Meteorological System
Dean Peckham and Bob Pickwood, Arizona Public Service
- 1:50 PM Application of Real Time Meteorology to Maximize the Dynamic Thermal Circuit Ratings in the PECO Energy Transmission Line System
Tim Schott, Halliburton NUS Corp.; Jim Holian, Spectrum Environmental Sciences; and Glenn Pritchard, PECO Energy
- 2:10 PM Data Acquisition Systems for Nuclear Power Plants
David Katz, Climatronics
- 2:30 PM Break
- 3:00 PM Fiber Optic Based Wind Vanes
Matthew J. Parker, Westinghouse Savannah River Company
- 3:20 PM Doppler Acoustic Sounders
Jean-Michel Fage, REMTECH Inc.
- 3:40 PM AccuWeather Customized Support to Nuclear Industries
John J. Maloney, AccuWeather

SESSION 4: MODELING AND DOSE ASSESSMENT

- 4:00 PM Overcoming Obstacles in Dispersion Modeling at Diablo Canyon Power Plant
Dick Thuillier, PG&E
- 4:30 PM Regional Winds and Temperature Diagnosis Using Operational Radar Data
Wes Wilson, Lincoln Labs, MIT
- 4:50 PM Data Quality Management and Monitoring Networks
Jim Augustyn, Augustyn & Co.
- 5:10 PM Adjournment
- 7:00 PM Dinner Social at Carnelian Room, 52nd Fl., 555 California St.
(Dress: coat and tie for men)

NUMUG Meeting Agenda (Cont.)

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Friday, April 26: PG&E Conference Room A, 245 Market St.

SESSION 4: MODELING AND DOSE ASSESSMENT (Cont.)

- 7:30 AM Continental Breakfast - Conference Room A
- 8:30 AM Installation of New Measurement Technologies at the Brunswick Nuclear Power Plant
Patrick Kelly, Coastal Environmental Systems
- 8:50 AM Critical Meteorological Factors for Determination of Routine Radiological Doses from Nuclear Power Plants
Doyle Pittman, TVA
- 9:10 PM Utilization of Internet and Other Non-Traditional Data Sources for Meteorological Support Within the Emergency Operations Facility (EOF)
Nick Keener, Duke Power
- 9:30 AM A Review of the NRC Emergency Response Code RASCAL Version 2.1
R. Brad Harvey, Yankee Atomic Electric Company
- 10:00 AM Break
- 10:30 AM Perimeter Monitoring, GPS and Other Advances in Emergency Planning
Mark Abrams, PLG
- 11:00 AM Update on the Emergency Response Model: PGEMS
K. Jerry Allwine, Allwine Environmental Services
- 11:30 AM ARAC testing of NORAPS
Ron Basket, Lawrence Livermore, National Laboratories
- 12:00 Noon Illinois Department of Nuclear Safety's Mesoscale Meteorological Studies and Forecasting for the Zion Nuclear Power Plant.
Tom Bellinger, Illinois Department of Nuclear Safety
- 12:30 PM Luncheon with Business Meeting - 3rd Floor, 77 Beale St.
- 1:30 PM Closing Remarks
- 2:00 PM Adjournment