

Nuclear Utility Meteorological Data Users Group Meeting
Chattanooga Choo Choo, Holiday Inn
Chattanooga, Tennessee
October 30 - November 1, 1991

Purpose

To exchange ideas and address problems involving meteorological information at nuclear plants so that utilities can perform these functions in a more efficient manner. To discuss the future course of NUMUG. Information exchange will be concentrated on, but not limited to, the following topics: Data Validation and Processing, Operation and Maintenance, Quality Assurance Requirements, Emergency Support, and Technical Specification and Offsite Dose Calculation Manual Requirements. The meeting is sponsored by the Atmospheric Science Department of the Tennessee Valley Authority (TVA).

Meeting Activities

Wednesday evening (October 30, 1991): Reception
Thursday noon (October 31, 1991): Luncheon
Thursday evening (October 31, 1991): Riverboat Dinner Cruise
Friday noon (November 1, 1991): Luncheon
Friday afternoon (November 1, 1991): Tour of TVA's Central Emergency Control Center

Acknowledgements

The following assisted in planning for the meeting: Tim Drum (Carolina Power & Light), Richard Foltman (Detroit Edison), Brad Harvey (Yankee Atomic Electric Co.), Marvin Hayden (Duke Power Co.), Eric Mallen (Indiana & Michigan Power Co.), Stan Marsh (Southern California Edison Co.), Kolli Rao (New York Power Authority), and Robert Yewdall (Public Service Electric & Gas Co.). Also, special thanks to Kenneth Wastrack and Barbara Washington of TVA for announcement and preprint preparation and to Mike Millinor, now with Carolina Power & Light, for the initial suggestion of forming this users group.

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Meeting Agenda

Wednesday, October 30, 1991

6:00 - 8:00 p.m. (ET)	REGISTRATION	<i>Centennial Theatre Lobby</i>
7:00 - 9:00 p.m.	RECEPTION / CASH BAR	<i>Centennial Theatre Lobby</i>

Thursday, October 31, 1991

7:30 - 11:30 a.m.	REGISTRATION	<i>Finley Lecture Hall</i>
7:30 - 8:00 a.m.	CONTINENTAL BREAKFAST	<i>Finley Lecture Hall</i>
8:00 - 8:15 a.m.	WELCOME AND INTRODUCTION	<i>Finley Lecture Hall</i>

Welcome: Robert J. Goodwin, Division Quality Coordinator, Water Resources Division, TVA

Introduction: Doyle E. Pittman, Meteorologist, Atmospheric Science Department, TVA

8:15 - 9:45 a.m.	<u>SESSION 1: OPERATION AND MAINTENANCE</u>	<i>Finley Lecture Hall</i>
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Session Chair: Charles L. Bach, Instrumentation Section Supervisor, TVA

8:15 - Keynote Paper: Carl D. Nicholson, Senior Engineer, and Garret F. Tweed, Senior Instrument Mechanic, System Engineering, TVA

8:45 - Panel Discussion

Daniel R. Adams, Corporate Meteorologist, Florida Power & Light Co.
Gene Shelar, Senior Meteorologist, Pacific Gas & Electric Co.
Robert F. Yewdall, Senior Engineer, Public Service Electric & Gas Co.

9:45 - 10:00 a.m.	BREAK
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Meeting Agenda (continued)

Thursday, October 31, 1991

10:00 - 11:30 a.m.

**SESSION 2: DATA VALIDATION AND
PROCESSING**

Finley Lecture Hall

Session Chair: Lawrence W. Hamberger, Meteorologist, Data Management, TVA

10:00 - Keynote Paper: Marvin Hayden, Scientist, and Marsha Kinley, Assistant
Scientist, Duke Power Company

8:45 - Panel Discussion

Philip Knause, Staff Environmental Specialist, Virginia Electric and Power Co.
James Krist, Environmental Scientist, Omaha Public Power District
Terry D. Worrell, Meteorologist, Portland General Electric Co.

11:30 - 1:00 p.m.

LUNCHEON

Centennial Theatre Lobby

1:00 - 2:30 p.m.

**SESSION 3: QUALITY ASSURANCE
REQUIREMENTS**

Finley Lecture Hall

Session Chair: Kenneth G. Wastrack, Meteorologist, Atmospheric Science
Department, TVA

1:00 - Keynote Paper: Kolli M. Rao, Senior Environmental Engineer, New York
Power Authority

1:30 - Panel Discussion

Thomas Galletta, Site Meteorologist, Niagara Mohawk Power Corp.
Rick Gorski, Technical Officer - Operations, Ontario Hydro
Thomas J. Lockhart, President, Meteorological Standards Institute

2:30 - 2:45 p.m.

BREAK

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Thursday, October 31, 1991

2:45 - 4:15 p.m. **SESSION 4: EMERGENCY SUPPORT** *Finley Lecture Hall*

Session Chair: Norris A. Nielsen, Meteorologist, Atmospheric Science
Department, TVA

2:45 - Keynote Paper: Timothy D. Drum, Senior Scientist, Carolina Power & Light
Company

3:15 - Panel Discussion

Nick Keener, Scientist, Duke Power Co.
Stanley L. Marsh, Senior Research Engineer, Southern California Edison Co.
Matthew J. Parker, Scientist, Savannah River Site

6:00 p.m. **DEPARTURE FOR DINNER CRUISE**

6:30 - 9:30 p.m. **SOUTHERN BELLE DINNER CRUISE**

Friday, November 1, 1991

7:30 - 8:30 a.m. **CONTINENTAL BREAKFAST** *Crystal Room*

8:30 - 10:00 a.m. **SESSION 5: TECHNICAL SPECIFICATION
AND OFFSITE DOSE
CALCULATION MANUAL
REQUIREMENTS** *Crystal Room*

Session Chair: Betsy Eiford-Lee, Senior Chemistry & Environmental Specialist,
Chemistry & Radiological Services, TVA

8:30 - Keynote Paper: Brad Harvey, Lead Engineer, Yankee Atomic Electric
Company

9:00 - Panel Discussion

John W. Ballantine, Engineer, Philadelphia Electric Co.

10:00 - 10:15 a.m. **BREAK**

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Meeting Agenda (continued)

10:15 - 11:30 a.m.

**SESSION 6: WHERE DO WE GO FROM
HERE?**

Crystal Room

Session Chair: Doyle E. Pittman, Meteorologist, Atmospheric Science
Department, TVA

11:30 - 12:30 a.m.

LUNCHEON

Centennial Theatre Lobby

1:00 - 2:30 p.m.

TOUR OF TVA'S CENTRAL EMERGENCY CONTROL CENTER

2:30 p.m.

MEETING ADJOURNED