

DOE Meteorological Coordinating Council

DMCC Update

Carl Mazzola
SCAPA 2007



14th Meeting Agenda

I WELCOME, INTRODUCTIONS, DMCC OVERVIEW

- *Welcome and Introductions (Walt Schalk)*
- *Overview of 2006 DMCC Projects and Initiatives (Walt Schalk)*

II DOE/HQ REPORTS

- *NA-41 (Jim Fairobent)*
- *NESHAPS Report, HS-41 (Carl Mazzola)*

III ROUND ROBIN: BEST PRACTICES/LESSONS LEARNED AT DOE SITES

- *INL (Kirk Clawson)*
- *NTS (Darryl Randerson/Walt Schalk)*
- *PNNL (Ken Burk/Cliff Glantz)*
- *SRNL (Chuck Hunter)*



14th Meeting Agenda (continued)

IV TECHNICAL REPORTS: ATMOSPHERIC SCIENCES RESEARCH

- *Urban Wind Study (Will Pendergrass/NOAA ATDD)*
- *Optimizing Meteorological Observation Networks (John Ciolek/AlphaTRAC)*
- *Predicting Fire and Explosion Hazards Using ALOHA (Mark Miller, NOAA/NOS)*

V DMCC PRODUCTS, PROJECTS AND ACTIVITIES

- *DMCC Assist Visit Program (Carl Mazzola/Shaw Environmental)*
- *DMCC Meteorological Monitoring and Consequence Assessment Self-Assessment Guide (Steve Vigeant/Shaw Environmental)*
- *DMCC Web Page (Cliff Glantz/PNNL and Dorothy Cohen/ORISE)*

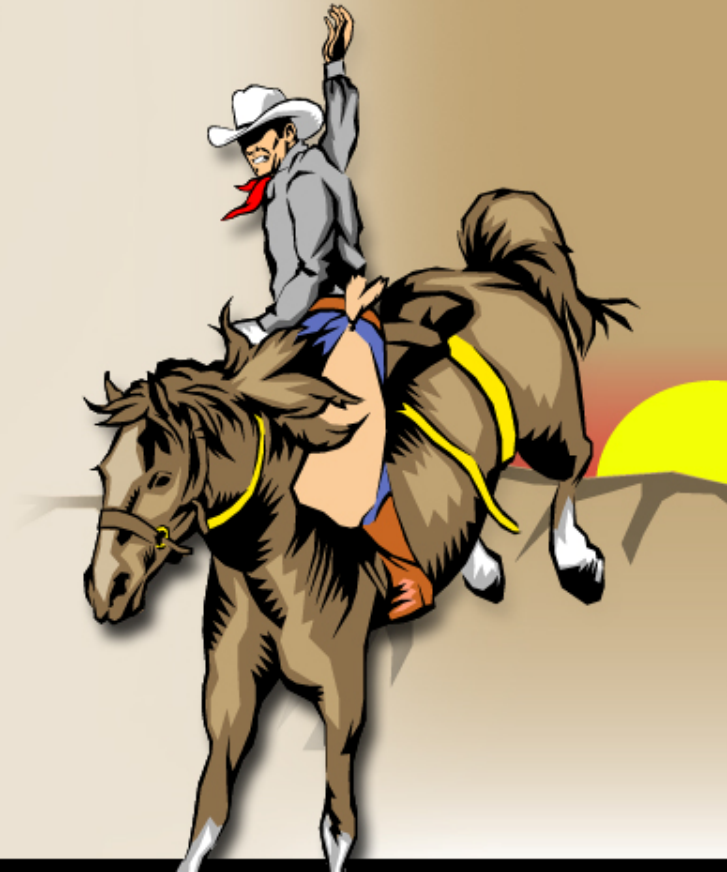
VI WRAP-UP

- *DMCC Roundtable Discussion (Facilitators: Carl Mazzola and Cliff Glantz)*



2006 Projects and Initiatives

***DMCC Annual Meeting
May 2007
San Antonio, Texas***



Organizational Updates

- Dr. Darryl Randerson, Chairman since 12/2/94, stepped down July 31, 2006
- Walt Schalk accepted Chairman August 1, 2006



DMCC Meetings

- **13th Meeting held May 06 in Las Vegas**
 - 17 Attendees
 - 11 Organizations
 - DOE/HQ Elements (NA, HS)
 - DOE Facilities (Oak Ridge, SRS, WIPP)
 - National Labs (LLNL, SRNL, PNNL)
 - NOAA (FRD, SORD)
 - Yucca Mountain Project



Teleconferences

2006

- August
- October

2007

- January
- March
- July (scheduled)

10 -12 Participants per call



No-Fault Assist Visits

- **#11: LANL, August 2006**
- **Future Assist Visits**
 - SRS
 - Hanford
 - BNL
- **Follow-up Assist Visits**
 - NTS (1996)
 - Pantex (1997)
 - Y-12 (2004)
 - INL (2004)
 - WIPP (2005) (3 year cycle)



Support to Others

- **DOE**

- **DOE/EH-0173T:** Revised Chapter 4, Summary and References
- **Lightning:** NTS (SORD) Lightning Safety Report to DNFSB and NTS Order

- **OFCM**

- **DOE Appendix to annual Federal Plan:** Description of Research & Operational Programs at 15 NNSA/DOE Sites.
- **R & D priorities report:** Provided DOE/NNSA Meteorological Program Input



Support to Others

- **NUMUG**

- DMCC Members (Glantz, Parker, Mazzola, Fransioli) Attended/Presented at Meeting (10/06)
- Carl Mazzola Elected to Chairman for 3 Years
- Developed Comments on NRC Regulatory Guide 1.23 Revision 1

- **ANS**

- DMCC Members Attended/Presented at 9th Topical Meeting on Emergency Preparedness & Response in Salt Lake City, UT (2/06)
- Assisting in Planning of 10th Topical Meeting to be held in Albuquerque, NM (3/08)



Support to Others

- **Voluntary Consensus Standards**
 - **ANSI/ANS-3.11 (2005):** Published in May 2006
 - **Other VCSs in progress:**
 - **ANSI/ANS-2.3:** Extreme winds and tornadoes
 - **ANSI/ANS-2.15:** T&D for routine releases (licensing)
 - **ANSI/ANS-2.16:** T&D for accidental releases (licensing)
 - **ANSI/ANS-2.21:** Meteorological parameter guide for Ultimate Heat Sink applications
 - **ANSI/ANS-3.8.10:** T&D for emergency accidental releases



Other Topics

- **Monitoring Meteorological Data SQA: DOE Central Registry**
- **Supporting SRNL Ensemble Modeling Initiative**
- **Drafted 215-Section Outline of “Atmospheric Sciences and Releases of Hazardous Materials”**
 - This compendium to Replace “Atmospheric Sciences and Power Production” (1984)
 - Funding limitations
 - Partner with EPA, DOC, DoD, DTRA



Other Topics

- **Facilitating Ingestion of DOE/NNSA Data into NWS MADIS**
- **Developed DOE/NNSA Weather Website Linking Program**
- **DMCC Web Page Integration into EMI-SIG/SCAPA Web Page**
- **New Product**
 - **Self-Assessment Guide for Meteorological and Consequence Assessment Systems**
 - **Target: July 2007**



EXPECT THE UNEXPECTED

Questions?

