

DOE Meteorological Coordinating Council

14th Annual Meeting
May 2007

San Antonio, Texas



Welcome and Introductions

- Welcome
- Safety and Familiarization
- Introductions
- Agenda



Agenda

I WELCOME, INTRODUCTIONS, DMCC OVERVIEW (0900-0920)

0900 Welcome and Introductions (Walt Schalk)

0905 Overview of 2006 DMCC Projects and Initiatives (Walt Schalk)

II DOE/HQ REPORTS (0920-1000)

0920 NA-41 (Jim Fairobent)

0940 NESHAPS Report, HS-41 (Carl Mazzola)

1000-1015 MORNING BREAK

III ROUND ROBIN: BEST PRACTICES/LESSONS LEARNED AT DOE SITES (1015-1145)

DOE/NNSA site participants:

INL (Kirk Clawson)

NTS (Darryl Randerson/Walt Schalk)

PNNL (Ken Burk/Cliff Glantz)

SRNL (Chuck Hunter)

Others as time permits



Agenda

1145-1315 LUNCH BREAK

IV TECHNICAL REPORTS: ATMOSPHERIC SCIENCES RESEARCH TOPICS (1315-1515)

1315 *OFCM Overview and Major Activities/Projects
(Robert Dumont, OFCM) --- omitted ---*

1335 *Urban Wind Study (Will Pendergrass/NOAA ATDD)*

1400 *Optimizing Meteorological Observation Networks
(John Ciolek/AlphaTRAC)*

1425 *Predicting Fire and Explosion Hazards Using ALOHA
(Mark Miller, NOAA/NOS)*

1515-1530 AFTERNOON BREAK



Agenda

V DMCC PRODUCTS, PROJECTS AND ACTIVITIES (1530-1630)

- 1530** *DMCC Assist Visit Program (Carl Mazzola/Shaw Environmental)*
- 1550** *DMCC Meteorological Monitoring and Consequence Assessment Self-Assessment Guide (Steve Vigeant/Shaw Environmental)*
- 1610** *DMCC Web Page (Cliff Glantz/PNNL and Dorothy Cohen/ORISE)*

VI WRAP-UP (1630-1645)

- 1630** *DMCC Roundtable Discussion (Facilitators: Carl Mazzola and Cliff Glantz)*
 - » *New Business*
 - » *Review of New Action Items*
 - » *Planning and Topics for the May 2008 DMCC Annual Meeting*

1645 ADJOURNMENT



EXPECT THE UNEXPECTED

EMERGENCY MANAGEMENT ROUNDUP



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2006 Projects and Initiatives

Walt Schalk

DMCC Annual Meeting

May 2007

San Antonio, Texas



Organization Updates

- Dr. Darryl Randerson, Chairman steps down July 31, 2006.
- Walt Schalk accepts Chairmanship August 1, 2006.



Meetings

- **13th Meeting held May 06 in Las Vegas**
 - 17 Attendees
 - 11 Organizations
 - DOE HQ
 - DOE Facilities (ORISE, SROO)
 - National Labs (LLNL, SRNL, PNNL)
 - NOAA (FRD, SORD)
 - Yucca Mountain Project
 - Contractors (Shaw, WA TRU Solutions)



Teleconferences

- **Four held to date**
 - 2006
 - August **(first one ever!)**
 - October
 - 2007
 - January
 - March
- **10 -12 Participants per call**



ASSIST Visits

- **LANL in August**
- **PANTEX – discussions continue for 07**
- **Hanford, NTS, BNL, Y-12 – discussions began for 07**
- **WIPP – possible for 08 (3 year cycle)**
- **INL – follow-up letter to 04 visit, CA funding**



Support to Others

- **DOE**

- **DOE/EH-0173T:** Revised summary and references
- **DOE/HS-21:** determine linkage between DOE O 231.1 environmental programs and met data
- **Lightning:** Made reports from NTS (SORD) available

- **OFCM**

- **DOE appendix to annual Federal Plan:** description of research & ops programs at 15 NNSA/DOE sites
- **R & D priorities report:** provided input



Support to Others

- **NUMUG**

- DMCC Members attended/presented at meeting (10/06)
- Carl Mazzola elected to Chairman for 3 years
- Developed comments on NRC Reg. Guide 1.23 rev1

- **ANS**

- DMCC Members attended/presented at 9th Topical Meeting on Emergency Preparedness & Response (2/06)
- Assist in planning of 10th Topical Meeting in ABQ (3/08)



Support to Others

- **Voluntary Consensus Standards**

- **ANSI/ANS-3.11: Published in June 06**

- **Others in progress:**

- **ANSI/ANS-2.3:** Extreme winds and tornadoes

- **ANSI/ANS-2.15:** T&D for Nuke facility routine release

- **ANSI/ANS-2.16:** T&D for Nuke facility accidental release

- **ANSI/ANS-2.21:** Met parameter guide for Ultimate Heat Sink applications

- **ANSI/ANS-3.8.10:** T&D for Nuke facility accidental release with emergencies



Other Topics

- **Monitoring met data SQA progress through DOE Central Registry**
- **Support SRNL ensemble modeling project**
- **Drafted outline of “Atmospheric Sciences and Releases of Hazardous Materials”. This compendium to replace “Atmospheric Sciences and Power Production” (1984). Funding**



Other Topics

- Facilitate ingest of DOE/NNSA data into NWS MADIS system
- DOE/NNSA weather website linking program
- DMCC web page integrated into EMI-SIG/SCAPA web page
- **NEW PRODUCT-** Self-Assessment Guide for Meteorological and Consequence Assessment Systems (Self-ASSIST)



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Questions?



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