

**STATUS OF 8 OPEN DMCC ACTION ITEMS AND ASSIST VISITS**

**December 20, 2008**

AI No.	Description	Discussion	Technical Resources	Status
04-11	Continue Development on 6 Voluntary Consensus Standards (VCSs) (i.e., ANSI/ANS-2.3, -2.15, -2.16, -2.21, -3.11 and -3.8.10)	During 2004 DMCC Meeting, it was determined that DMCC would support the development of six ANSI/ANS standards which are in various stages of preparation.	Mazzola Ciolek Glantz Parker Stevenson Vigeant	<p><b>ANSI/ANS-2.3:</b> This standard for tornadoes is outdated and does not account for NRC and DOE technical approach differences, nor does it address extreme straight-line winds. On 9/19/05, ANS-2.3 working group held first meeting. Technical material in standard will be used in DOE's Natural Phenomena Hazards standards work (DOE G 420.1-2 and new DOE standard on meteorological NPHs). On November 11, 2008, John Stevenson ANS-2.3 chairman indicated he hoped to have draft of standard for consensus review in early 2009.</p> <p><b>ANS-2.15, ANS-2.16, and ANS-3.8.10:</b> WG is chaired by John Ciolek and met on June 25, 2008 in Charlotte, NC at NUMUG Meeting. ANS-2.15. Conference call on November 13, 2008 was held with WG which hopes to have draft standard for consensus review in time for the NUMUG Meeting in October 2009. After ANS-2.15 draft is completed, WG will begin work on ANS-2.16 and ANS-3.8.10.</p> <p><b>ANS-2.21:</b> Working group is chaired by Steve Vigeant and a draft for consensus review is expected some time in 2009.</p> <p><b>ANS-3.11:</b> Working group is chaired by Matt Parker. WG also met at June 2008 NUMUG meeting, and it was determined that there is no compelling need to revise the standard and a reaffirmation analysis will be performed prior to its November 2010 sunset.</p>
06-12	Consequence Assessment and Meteorological Data SQA	During 2006 DMCC Meeting, Cliff Glantz determined that DOE O 414.1C and DOE G 414.1-1 establish SQA criteria that are applicable to consequence assessment modeling and possibly meteorological data.	Glantz Mazzola Schalk	Task force and draft guideline under development. Meteorological data requirements will be combined with meteorological models SQA effort.

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07-02	EH-0173T Update and DOE O 458.1	During March 2007 Teleconference, Gustavo Vazquez agreed to provide periodic updates of the EH-0173T update.	Vazquez Mazzola	Revision to 1991 technical guide has been prepared and will be reviewed after completion of related DOE O 458.1 (formerly DOE O 5400.5) update through HS-22 organization. DMCC will be reviewing the meteorology chapter. DOE O 458.1 also has a small section on meteorological data.
07-06	NTS Fire Forecasting Tool	During 2007 DMCC Meeting, Walt Schalk agreed to make NTS-developed fire forecasting tool available to DMCC.	Schalk	Guideline to be provided for dissemination to DMCC membership through web page posting.
08-02	LANL Sonic Anemometer Testing	During April 2008 Teleconference, Scot Johnson asked for advice on how to field test sonic anemometers that are being installed on six towers.	Johnson Mazzola Wastrack	Johnson was given Ken Wastrack as a point of contact. Ken did this exact work in the early-2000s for TVA. DMCC is assisting, as needed.
08-03	DOE/NNSA Meteorological Program Equipment Survey	During April 2008 Teleconference, Cliff Glantz suggested that a site survey of DOE/NNSA meteorological program equipment would be a useful product.	Ciolek Mazzola Wastrack	NUMUG has performed a survey of its members which can be used as a starting point. DMCC mini-survey is under preparation for review by DMCC members.
08-05	DMCC Consequence Assessment Guide	During May 2008 DMCC Meeting, Carl Mazzola mentioned NA-41 has approved the development of a DMCC Consequence Assessment Guide	Mazzola Vigeant	Earlier version of guide is consistent with Volume 4 of DOE G 151.1-1 and draft DOE G 151-XY. A draft is under review by DMCC and the SCAPA CAMWG.
08-06	ALOHA Source Code Acquisition	During May 2008 DMCC Meeting, Carl Mazzola indicated he would get a copy of the ALOHA source code.	Mazzola	Initial contact has been made with NOAA Hazmat.

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**ASSIST VISIT PROGRAM**

<b>Site</b>	<b>AV Type</b>	<b>Discussion</b>	<b>Technical Resources</b>	<b>Status</b>
ANL	Initial	No contact has yet been made as meteorologist does not participate in DMCC activities.	Mazzola Winner	Identify meteorologist and review AV program.
BNL	Initial	During 2006 NUMUG Meeting, Vic Cassella indicated that a DMCC Assist Visit may be useful to show program value to management.	Mazzola Parker Schalk	BNL provided a SOW in October 2006, and requested AV again in May 2008. BNL will not undertake AV in the near-term as its only meteorologist took a job with a meteorological instrument company. His position has not yet been filled.
Hanford	Initial	During 2006 DMCC Meeting, Cliff Glantz mentioned that Hanford meteorological program was undergoing budget cuts and that DMCC Assist Visit may be useful to emphasize program value to management.	Mazzola Parker Schalk Glantz	AV program presented to Will Shaw on May 2, 2008 as a baseline of program. Assist Visit occurred September 25-26, 2008 with 29 observations and recommendations. Draft report is under review by PNNL and DOE-RI.
INL	Follow-up	During 2006 DMCC Meeting, Kirk Clawson indicated prep of a response to 2004 DMCC AV report that may request a follow-up AV.	Mazzola Schalk Clawson	INL indicated 2004 AV pivotal for funding improved transport and dispersion model. May 2007 meeting discussed follow-up AV. At 2008 DMCC Meeting, INL indicated it would send a letter response to the 2004 AV and will likely request a follow-up AV in 2011.
LANL	Follow-up	During 2006 DMCC Meeting, Scot Johnson requested an assist visit.	Mazzola Schalk Johnson	2006 AV performed and LANL discussing acquisition of improved transport and dispersion model and implementing monitoring recommendations. Funding provided and sonic anemometers are being installed on all 6 towers. Follow-up targeted for 2010.
LBNL	Initial	No contact has yet been made as meteorologist does not participate in DMCC activities.	Mazzola	Identify meteorologist and review AV program.
LLNL	Initial	During April 2008 DMCC Teleconference, Brent Bowen indicated his program is being targeted for downsizing.	Mazzola Schalk	LLNL indicated AV would be helpful in clarifying program's value but does not have any funding. Only LLNL operational meteorologist was part of May 23, 2008 reduction on force. His position has not yet been filled.
NTS	Follow-up	AVs performed in April 1996 and September 2007.	Mazzola Schalk	No follow-up needed until 2010 or 2011.

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ORNL	Follow-up	During 2008 Y-12 Assist Visit, ORNL indicated it would also like an AV.	Mazzola Parker Schalk	Discussed the probability of a spring 2009 AV during a meeting with Kevin Birdwell on September 9, 2008. November 4, 2008 letter sent to Gus Vazquez and Jim Fairbent to request AV the week of March 23, 2009. NA-41 approval letter response led to scheduling AV for March 24-25, 2009. Initial meeting with two ORNL stakeholders held on December 8.
Pantex	Follow-up	During 2006 EMI SIG Meeting, Chuck Rives indicated that Battelle-Pantex was planning a self-assessment of their meteorological program, but may need a SME to assist them.	Mazzola Schalk Rives Bowen	Met with C. Rives 5/4/08. Pantex may move forward with a self-assessment now that DMCC Assist Visit Guide is issued and may supplement team with DMCC member. May be interested in augmented self-assist since site without meteorologist. Brent Bowen hired 10/08. Pantex now has experienced meteorologist.
SNL	Follow-up	AV completed in September 2003.	Mazzola Schalk Deola	SNL has not requested a follow-up AV. Need to contact R. Deola to schedule update.
SRNL	Initial	During 2007 DMCC Meeting, Chuck Hunter indicated future request of DMCC AV at SRS, to meet DOE O 226.1 self-assessment goals.	Mazzola Schalk Hunter	Interest expressed in AV in May 2009. Formal letter of request not yet sent to Gus Vazquez and Jim Fairbent.
WIPP	Follow-up	A fourth AV was performed at WIPP, August 2005.	Mazzola Vigeant Siegel	WIPP will be addressing AV observations and recommendations. Need to contact J. Siegel to schedule update.
Y-12	Follow-up	During 2006 SCAPA Meeting, Robert Gee suggested a follow-up to the 2004 AV to help Tom Bellinger re-baseline program.	Mazzola Parker Bellinger	Y-12 follow-up to May 2004 AV occurred on May 28-29, 2008 and the final report with 24 observations and recommendations was issued in August 2008.
YMPO	Initial	Earlier discussions on AV in November 2000 had interest, but never followed up.	Mazzola Fransioli	Only YMPO meteorologist was part of May 2008 reduction on force. His position has not yet been filled.

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### List of Acronyms

ALOHA	Areal Locations of Hazardous Atmospheres
ANL	Argonne national Laboratory
ANS	American Nuclear Society
ANSI	American National Standards Institute
ARL SORD	Air Resources Laboratory Special Operations and Research Division
AV	Assist Visit
BNL	Brookhaven National Laboratory
DOE	Department of Energy
DMCC	DOE Meteorological Coordinating Council
EMI SIG	Emergency Management Issues Special Interests Group
G	Guide
INL	Idaho National Laboratory
LANL	Los Alamos National Laboratory
LLNL	Lawrence Livermore National Laboratory
NARAC	National Atmospheric Release Advisory Center
NNSA	National Nuclear Security Administration
NPH	Natural Phenomena Hazard
NTS	Nevada Test Site
NUMUG	Nuclear Utility Meteorological data Users Group
O	Order
ORNL	Oak Ridge National Laboratory
ORR	Oak Ridge Reservation
SNL	Sandia National Laboratory
SQA	Software Quality Assurance
SRNL	Savannah River National Laboratory
TVA	Tennessee Valley Authority
VCS	Voluntary Consensus Standard
WIPP	Waste Isolation Pilot Plant
YMPO	Yucca Mountain Project Office