

Draft ACNW Working Group Agenda

Igneous Activity at Yucca Mountain: Technical Bases for Decision Making

“The Committee (ACNW) should provide the Commission with an analysis of the current state of knowledge regarding igneous activity which the Commission can use as a technical basis for its decision making.” [Staff Requirements Memorandum dated March 7, 2006]

The primary questions to be addressed at this meeting are:

1. Does the ACNW white paper address the risk-significant topics related to igneous activity at Yucca Mountain?
 - Does the report capture the range of views of the interested parties with respect to the technical basis for decisionmaking on these topics, including definitions of volcanic events, geologic periods of interest in predicting probability, igneous activity probability, magma/drift interaction leading to hypothetical extrusive and intrusive scenarios, potential consequences for a high-level waste repository, etc. If not, the positions detailed in the report will be clarified from published position papers in the final ACNW report.

Day 1 (February 13, 2007)

Discussion of the Nature and Probability of Igneous Activity

08:30 Welcome by the ACNW Chair and General Introductions

08:35 Welcome by the Working Group Chair
Discussion of Working Group purpose, procedures and anticipated results
Introductions

08:45 Invited Talk
Global view of igneous activity and general challenges associated with volcanic predictions and the current state of the science.

09:15 Invited Talk
Volcanic history of the Yucca Mountain region and implications for the risk triplet (i.e., What can go wrong? How likely is it? What are the consequences?).

09:45 Questions and Round Table Discussion

- 10:00 Break
- 10:15 Invited Talk
Overview of the nature and prediction of eruptive processes and their relationship to risk from the potential Yucca Mountain repository.
- 10:45 Invited Talk
Nature and prediction of eruptive processes and relationship to risk from the proposed Yucca Mountain repository – The view from the State level.
- 11:15 Invited Talk
The use of expert elicitation in predicting the probability of volcanic events at the proposed Yucca Mountain repository – Objectives, methodology, implications, and results of the PVHA and PVHA-U.
- 11:45 Questions and Round Table Discussion
- 12:15 Lunch
- 13:15 U.S. Nuclear Regulatory Commission: Review of White Paper – Nature and Prediction of Igneous Activity
- 14:00 Questions
- 14:15 U.S. Department of Energy (YMPO): Review of White Paper – Nature and Prediction of Igneous Activity
- 15:00 Questions and Round Table Discussion
- 15:15 Break
- 15:30 State of Nevada, Clarke County, Nevada: Review of White Paper – Nature and Prediction of Igneous Activity
- 16:00 Questions and Round Table Discussion
- 16:15 Electric Power Research Institute: Review of White Paper – Nature and Prediction of Igneous Activity
- 16:45 Questions and Round Table Discussion
- 17:00 Closing Round Table Discussion
- 17:30 Close

Day 2 (February 14, 2007)

Discussion of Consequences of Igneous Activity

- 08:30 Welcome by the ACNW Chair and General Introductions
- 08:35 Welcome by the Working Group Chair
Discussion of Working Group Purpose, Procedures, and Anticipated Results
Introductions
- 08:45 Invited Talk
Magma-repository-canister processes in both eruptive (extrusive) and intrusive scenarios and implications for risk from igneous activity at the proposed Yucca Mountain repository.
- 09:30 Invited Talk
Thermal and mechanical magma-canister interactions associated with the intrusion scenario at the proposed Yucca Mountain Repository.
- 10:00 Break
- 10:15 Invited Talk
NRC studies of magma-repository interaction – Past and present.
- 10:45 U.S. Nuclear Regulatory Commission: Review of White Paper – Consequences of Igneous Activity
- 11:30 Questions and Round Table Discussion
- 11:45 Lunch
- 12:45 Invited Talk
Resuspension of ash and implications to risk from igneous activity.
- 13:15 Questions and Round Table Discussion
- 13:30 U.S. Department of Energy (YMPO): Review of White Paper – Consequences of Igneous Activity
- 14:15 Questions and Round Table Discussion
- 14:30 State of Nevada and Clark County, Nevada: Review of White Paper – Consequences of Igneous Activity

15:00 Questions and Round Table Discussion

15:15 Break

15:30 Electric Power Research Institute: Review of White Paper – Consequences of Igneous Activity

16:00 Questions and Round Table Discussion

16:15 U.S. Nuclear Regulatory Commission: Review of White Paper – Remobilization of Contaminated Ash by Fluvial and Eolian Processes

16:45 Questions and Round Table Discussion

17:00 Other Comments on Consequences of Igneous Activity

17:15 Concluding Round Table Discussion

17:45 Close

R. McCullum, NEI
S. Kraft, NEI
J. Kessler, EPRI
D. Duncan, USGS
K. Skipper, USGS
W. Booth, Engineering Svcs, LTD
C. Marden, BNFL Inc.
J. Bacoeh, Big Pine Paiute Tribe of the Owens Valley
P. Thompson, Duckwater Shoshone Tribe
T. Kingham, GAO
D. Feehan, GAO
E. Hiruo, Platts Nuclear Publications
G. Hernandez, Las Vegas Paiute Tribe
K. Finrock, NV Congressional Delegation
P. Johnson, Citizen Alert
M. Williams, DOE/OCRWM
J. Williams, DOE/Washington, DC
A. Robinson, Robinson-Seidler
M. Plaster, City of Las Vegas
S. Rayborn, Sen. Reid's Office
L. Lehman, T-REG, Inc.
B.J. Garrick, NWTRB
T. Feigenbaum, BSC
M. Urie, DOE
J. Brandt, Lander County
R. Holland, Inyo County
B. Sagar, CNWRA
V. Trebules, RW/DOE
R. Warther, DOE/OCRWM
B. Neuman, Carter Ledyard & Milburn L.L.P.
R. Holden, NCAI
C. Meyers, Moapa Paiute Indian Tribe
C. Dahlberg, Fort Independence Indian Tribe
D. Vega, Bishop Paiute Indian Tribe
Egan, Fitzpatrick, Malsch, PLLC
J. Leeds, Las Vegas Indian Center
J. C. Saulque, Benton Paiute Indian Tribe
C. Bradley, Kaibab Band of Southern Paiutes
R. Joseph, Lone Pine Paiute-Shoshone Tribe
L. Tom, Paiute Indian Tribes of Utah
E. Smith, Chemehuevi Indian Tribe
D. Buckner, Ely Shoshone Tribe
V. Guzman, Walker River Paiute
D. Eddy, Jr., Colorado River Indian Tribes
M. Boyd, Public Citizen
J. Wells, Western Shoshone National Council
D. Crawford, Inter-Tribal Council of NV
I. Zabarte, Western Shoshone National Council
S. Devlin
G. Hudlow
D. Irwin, Hunton & Williams
P. Golan, DOE
M. Rice, Lincoln County, NV
G. Hellstrom, DOE
S. Joya, Sen. Ensign's Office
M. Gaffney, Inyo County
L. Desell, RW/DOE
R. List, Esmeralda County
D. Curran, Harmon, Curran, Spielberg & Eisenberg, L.L.P.

