

**NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE (ACNW)**

Notice of Meeting

The Advisory Committee on Nuclear Waste (ACNW) will hold its 153rd meeting on September 22-23, 2004 at the Suncoast Hotel (Ballroom A), 9090 Alta Drive, Las Vegas, Nevada.

The entire meeting will be open to public attendance.

The schedule for this meeting is as follows:

WEDNESDAY, SEPTEMBER 22, 2004

(1) 8:00 - 8:10 a.m. **Opening Statement**

**WORKING GROUP ON THE EVALUATION OF IGNEOUS ACTIVITY AND ITS
CONSEQUENCES AT A GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN,
NEVADA (OPEN)**

(2) 8:10 - 8:20 a.m. **Greeting and Introductions**

**WORKING
GROUP SESSION
1**

**GEOLOGIC CONSIDERATIONS IN THE ESTIMATION OF
PROBABILITY OF IGNEOUS ACTIVITY AT YUCCA
MOUNTAIN**

(3) 8:20 - 8:50 a.m.¹ **NRC Perspective on Volcanism Modeling Issues**

(4) 8:50 - 9:50 a.m. **NRC Overview of Igneous Activity in the Yucca Mountain
Region**

9:50 - 10:10 a.m. ***** BREAK *****

¹Presentation time should not exceed 50 percent of the total time allocated for a specific agenda item. The remaining 50 percent of the time is reserved for discussion.

- (5) 10:10 - 10:55 a.m. **1996 Probabilistic Volcanic Hazards Analysis: One Subject Matter Experts' Perspective**
- (6) 10:55 - 11:40 a.m. **Alternative Views on the Likelihood of an Igneous Event in the Yucca Mountain Region**
- 11:40 - 1:00 p.m. ***** LUNCH *****
- (7) 1:00 - 2:00 p.m. **Session 1 Working Group Roundtable Discussion**
- (8) 2:00 - 2:30 p.m. **Public Comments**
- 2:30 - 2:45 p.m. ***** BREAK *****
- WORKING GROUP SESSION 2** **CHARACTERIZATION OF MAGMA/REPOSITORY INTERACTIONS**
- (9) 2:45 - 3:30 p.m. **NRC Staff Perspective on the Modeling of Magma/Repository Interactions**
- (10) 3:30 - 4:15 p.m. **2002 Recommendations of the DOE-Sponsored Igneous Consequences Peer Review Panel: One Panelist's Perspective**
- (11) 4:15 - 5:00 p.m. **Alternative Views on the Modeling of Magma/Repository Interactions at Yucca Mountain**
- (12) 5:00 - 6:00 p.m. **Session 2 Working Group Roundtable Discussion**
- (13) 6:00 - 6:30 p.m. **Public Comments**

Adjourn Day 1

THURSDAY, SEPTEMBER 23, 2004

(14) 8:00 - 8:10 a.m. **Opening Statement**

**WORKING GROUP ON THE EVALUATION OF IGNEOUS ACTIVITY AND ITS
CONSEQUENCES AT THE GEOLOGIC REPOSITORY AT YUCCA MOUNTAIN,
NEVADA – CONTINUED**

	WORKING GROUP SESSION 3	BIOSPHERE DOSES DUE TO DISRUPTIVE IGNEOUS EVENTS
(15)	8:10 - 9:40 a.m.	NRC Staff Perspective on Challenges to Modeling Doses due to Disruptive Igneous Events
(16)	9:40 - 12:00 p.m.	ACNW Invited Speakers on Biosphere Dose Modeling Issues 16.1 Perspectives on Aerosol Modeling Issues 16.2 Perspectives on Resuspension Modeling Issues 16.3 Perspectives on Dose Modeling Issues
	12:00 - 1:00 p.m.	*** LUNCH **
(17)	1:00 - 2:00 p.m.	Session 3 Working Group Roundtable Discussion
(18)	2:00 - 3:00 p.m.	Presentations by Stakeholder Organizations
	3:00 - 3:15 p.m.	*** BREAK ***
(19)	3:15 - 4:15 p.m.	Panel and Committee Summary Discussion
(20)	4:15 - 4:45 p.m.	Epilogue Remarks

- (21) 4:45 - 5:00 p.m. **Closing Comments by the Working Group Chairman**
- (22) 5:00 - 5:30 p.m. **Discussion of ACNW Letter Report**
- 5:30 - 6:00 p.m. ***** BREAK *****
- (23) 6:00 - 7:00 p.m. **Future ACNW Activities/Report of the Planning and Procedures Subcommittee**
- Adjourn 153rd ACNW Meeting**
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Procedures for the conduct of and participation in ACNW meetings were published in the Federal Register on October 16, 2003 (68 FR 59643). In accordance with these procedures, oral or written statements may be presented by members of the public. Electronic recordings will be permitted only during those portions of the meeting that are open to the public. Persons desiring to make oral statements should notify Mr. Howard J. Larson, Assistant Director for ACNW/Team Leader (Telephone 301/415-6805), between 7:30 A.M. and 4:00 P.M. ET, as far in advance as practicable so that appropriate arrangements can be made to schedule the necessary time during the meeting for such statements. Use of still, motion picture, and television cameras during this meeting will be limited to selected portions of the meeting as determined by the ACNW Chairman.

Information regarding the time to be set aside for taking pictures may be obtained by contacting the ACNW office prior to the meeting. In view of the possibility that the schedule for ACNW

