

July 14, 2003

AGENDA
144th ACNW MEETING
July 29-31, 2003

**TUESDAY, JULY 29, 2003, NRC AUDITORIUM, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

- 1) 9:30 - 9:40 A.M. Opening Statement (Open) (BJG/MTR/NMC)
The Chairman will open the meeting and turn it over to the Working Group chairman who will state the Workshop objectives and provide a session overview.

**WORKING GROUP ON PERFORMANCE CONFIRMATION PLANS FOR THE PROPOSED
YUCCA MOUNTAIN HIGH-LEVEL WASTE REPOSITORY (OPEN)**

The purposes of the working group are (1) to increase ACNW's technical knowledge of plans to develop and conduct performance confirmation (PC) work for the proposed Yucca Mountain repository, (2) to understand NRC staff expectations for performance confirmation, (3) to review examples of performance confirmation work being planned, (4) to identify aspects of performance confirmation that may warrant further study, and (5) to complement the previous working group session on performance assessment.

- 2) 9:40 - 10:20 A.M. Keynote Presentation: What Should Be Measured During Performance Confirmation? How Will These Measurements Enhance Confidence by Confirming Predicted Repository Behavior? (Open)
2.1) Views on performance confirmation will be presented by a distinguished expert.
10:20 - 10:40 A.M. 2.2) Discussion
10:40 - 10:55 A.M. * BREAK *****
- 3) 10:55 - 11:25 A.M. Introduction to Performance Confirmation (NRC's Expectations Regarding Content of PC Plans in a License Application) (Open)
3.1) Presentation by a representative of NRC's Office of Nuclear Material Safety and Safeguards (NMSS), Division of Waste Management (DWM)
11:25 - 11:45 A.M. 3.2) Discussion
- 4) 11:45 - 12:00 P.M. Introduction to Performance Confirmation (Open)
4.1) Presentation by a representative from DOE
12:00 - 12:15 P.M. 4.2) Discussion
12:15 - 1:15 P.M. * LUNCH *****

- 5) 1:15 - 2:15 P.M. Decision Analysis Process Used to Develop a Performance Confirmation Program (Open)
 2:15 - 2:45 P.M. 5.1) Presentation by a representative from DOE
 5.2) Discussion
- 2:45 - 3:00 P.M. *** BREAK *****
- 6) 3:00 - 4:15 P.M. Elements of a Performance Confirmation Program - a Presentation of DOE's Selected Program and Its Components (Open)
 4:15 - 4:40 P.M. 6.1) Presentation by a representative from DOE
 6.2) Discussion
- 4:40 - 4:55 P.M. *** BREAK *****
- 7) 4:55 - 5:15 P.M. Documentation and Further Development of the Performance Confirmation Program - A Presentation on Possible Changes in the Next Revision of DOE's PC Plan (Open)
 5:15 - 5:30 P.M. 7.1) Presentation by a representative from DOE
 7.2) Discussion
- 8) 5:30 - 6:00 P.M. Public Comments

WEDNESDAY, JULY 30, 2003, NRC AUDITORIUM, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

WORKING GROUP ON PERFORMANCE CONFIRMATION PLANS FOR THE PROPOSED YUCCA MOUNTAIN HIGH-LEVEL WASTE REPOSITORY (OPEN) (CONTINUED)

- 9) 8:30 - 8:35 A.M. Opening Statement (BJG/MTR/NMC/HJL) (Open)
 The Chairman will make opening remarks regarding the conduct of today's sessions.
- 10) 8:35 - 9:05 A.M. NRC's Risk Insights Initiative and its Impact on Review of Performance Confirmation Plans (Open)
 9:05 - 9:30 A.M. 10.1) Presentation by a representative from NRC's NMSS/DWM
 10.2) Discussion
- 11) 9:30 - 9:45 A.M. NRC's Acceptance Criteria in the Yucca Mountain Review Plan, for Review of Performance Confirmation (Open)
 9:45 - 10:00 A.M. 11.1) Presentation by a representative from NRC's NMSS/DWM
 11.2) Discussion
- 10:00 - 10:15 A.M. ***BREAK*****
- 12) 10:15 - 12:15 P.M. Presentations by Representatives of the State of Nevada, several affected Counties, the Las Vegas Paiutes, and the Electric Power Research Institute (Open)
- 12:15 - 1:15 P.M. *** LUNCH *****
- 13) 1:15 - 1:45 P.M. Research Perspective on Long-Term Testing for

- Performance Confirmation - Development of an Integrated Ground-Water Monitoring Strategy (Open)
- 13.1) Presentation by a representative from NRC's Office of Nuclear Regulatory Research
- 13.2) Discussion
- 1:45 - 2:00 P.M.
- 14) 2:00 - 3:15 P.M. Working Group Roundtable Panel Discussion on Performance Confirmation (Open)
- 3:15 - 3:30 P.M. *** BREAK *****
- 15) 3:30 - 4:15 P.M. Panel and Committee Summary Discussion (Continued)
- 16) 4:15 - 4:45 P.M. Public Comments
- 17) 4:45 - 4:55 P.M. Closing Comments by Working Group Chairman
- 18) 4:55 - 6:15 P.M. Preparation of ACNW Report (Open)
Discussion of principal points in a proposed ACNW report on the Performance Confirmation Working Group.

THURSDAY, JULY 31, 2003, CONFERENCE ROOM 2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 19) 8:30 - 8:35 A.M. Opening Statement (Open) (BJG/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.
- 20) 8:35 - 9:30 A.M. Risk-Informed Regulation for NMSS: Status Report and Plan for Future Work (Open) (MTR/HJL)
Briefing by and discussions with representatives of the NRC NMSS Risk Task Group regarding the current status of risk-informed regulation for NMSS and the plan for future work.
- 21) 9:30 - 10:00 A.M. Summer Intern Project (Open) (STG)
The ACNW summer intern will update the Committee on the status of her project titled "Assessing Model Uncertainty in Performance Assessment".
- 10:00 - 11:00 A.M. ***BREAK*****
- 22) 11:00 - 11:45 A.M. ACNW September Retreat (Open) (BJG/MPL)
Members will finalize plans for the Committee's September retreat which is scheduled during the 145th meeting

(September 16-18, 2003).

- 23) 11:45 - 12:15 P.M. Committee Visit to Yucca Mountain (Open) (BJG/MPL)
The Committee will finalize plans for the Yucca Mountain Site visit scheduled for the 147th meeting (November 18-20, 2003).

12:15 - 1:15 P.M. *LUNCH*****

- 24) 1:15 - 2:30 P.M. Preparation for Meeting with the NRC Commissioners (Open) (BJG/JTL)
The Committee will discuss proposed topics for the ACNW meeting with the NRC Commissioners which is scheduled for Thursday, October 23, 2003, between 10:00 a.m. and 12:00 Noon.

- 25) 2:30 - 5:45 P.M. Preparation of ACNW Reports (Open)
Discussion of the proposed ACNW reports on:
25.1) Performance Confirmation Working Group (MTR/NMC)
25.2) 2003-04 ACNW Research Report (MTR/RPS)
25.3) Briefing on the HLW Risk Insights Initiative and the Risk-Informed Issue Resolution Process (BJG/NMC)
25.4) Role of ACNW in Yucca Mountain License Application (BJG/MPL)
25.5) Risk-Informed Regulation for NMSS (BJG/HJL)

- 26) 5:45 - 6:00 P.M. Miscellaneous (Open)
The Committee will discuss matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

6:00 P.M. Adjourn 144th Meeting

NOTE:

- Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.
- Thirty-Five (35) copies of the presentation materials should be provided to the ACNW.
- ACNW meeting schedules are subject to change. Presentations may be canceled or rescheduled to another day. If such a change would result in significant inconvenience or hardship, be sure to verify the schedule with Mr. Howard Larson at 301-415-6805 between 8:00 a.m. and 4:00 p.m. prior to the meeting.

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