



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
ADVISORY COMMITTEE ON NUCLEAR WASTE  
WASHINGTON, DC 20555 - 0001

October 13, 2005

**REVISED AGENDA**  
**164<sup>th</sup> ACNW MEETING**  
**OCTOBER 18-20, 2005**

**Tuesday, October 18, 2005, West Valley Demonstration Project, West Valley, New York**

- 1) 9:00 - 4:00 P.M. The Committee, their invited experts, and staff will tour the West Valley Demonstration Project (WVDP) and observe the general topography and geology of the Western NY Nuclear Service Center.
- The Committee will have tour guides from the U.S. Department of Energy (DOE) and the New York State Energy Research and Development Authority (NYSERDA).

**NOTE:** The tour is not a part of the ACNW Meeting.

**WORKING GROUP MEETING ON THE APPLICATION OF THE COMMISSION'S FINAL POLICY STATEMENT ON DECOMMISSIONING CRITERIA FOR THE WEST VALLEY DEMONSTRATION PROJECT (OPEN)**

**Wednesday, October 19, 2005, Fairway Room, Inn at Holiday Valley, 6081 Route 219, Holiday Valley Road, Ellicottville, New York**

The ACNW will hold a working group meeting to discuss the application of the Commission's Final Policy Statement on Decommissioning Criteria for the West Valley Demonstration Project (WDVP). Participants will include the U.S. Nuclear Regulatory Commission (NRC) staff, the DOE, and NYSERDA, as well as other federal and State organizations and local stakeholders.

- 2) 8:30 - 8:45 A.M. Introduction, Purpose and Goals - M. Ryan/J. Clarke, ACNW
- 3) 8:45 - 9:15 A.M. Agencies Roles and Responsibilities - The involved agencies (NRC, DOE, NYSERDA, and others, e.g., New York State Department of Environmental Conservation, New York State Department of Health, and U.S. Environmental Protection Agency) will discuss their roles and responsibilities regarding the WVDP. In addition, NRC staff will discuss the WVDP Act and NRC's final policy statement on decommissioning criteria for the WVDP.

- 4) 9:15 - 10:20 A.M. The NRC staff will discuss the models and methodology used in their performance assessment (PA). Among the subjects that may be discussed are the following (David Esh, NRC staff):
1. Techniques used in PA (stochastic, deterministic, i.e., use of realistic or bounding assumptions or a mix of the two)
  2. Assumptions made in the PA, e.g., what scenarios are included or excluded, and on what basis? How is the site characterized and modeled?
  3. Transparency, defensibility, and traceability of the PA methodology
  4. Extent to which the PA methodology is risk informed
  5. Flexibility to add new insights
  6. Integration between PA analyst and subject area expert
  7. Extent to which expert elicitation was used
  8. Principal Insights from the PA to date
- 10:20 - 10:35 A.M. \*\*\*BREAK\*\*\***
- 5) 10:35 - 11:30 A.M. The DOE will discuss models and methodology used in their PA (Dan Sullivan, et al., DOE)
- 6) 11:30 - 12:00 Noon General roundtable discussion of PA methodologies - Discussion of the two PAs presented by DOE and NRC (ACNW members, invited experts)
- 7) 12:00 - 12:30 P.M. Comments from attendees on the morning discussion
- 12:30 - 2:00 P.M. \*\*\*LUNCH\*\*\***
- 8) 2:00 - 3:30 P.M. Current WVDP site status and ongoing dismantlement and decommissioning activities (T. J. Jackson, et al., DOE)
- The DOE will present information on WVDP buildings/structures, State- and NRC-licensed disposal areas, underground tanks (how were tanks cleaned, what's left in tanks, any leaks) and groundwater contamination and remediation efforts.
- 9) 3:30 - 4:00 P.M. General Roundtable Discussion of Site Status (ACNW and invited experts)
- 4:00 - 4:15 P.M. \*\*\*BREAK\*\*\***
- 10) 4:15 - 4:45 P.M. Comments from attendees on the day's discussions

- 11) 4:45 - 5:15 P.M. General discussion of the day's presentations (ACNW, all)  
ACNW will review the presentations and discuss the elements of  
a report on the PA methodologies. The Committee will review  
possible plans for additional meetings related to the WVDP.

**5:15 P.M. \*\*\*ADJOURN\*\*\***

**Thursday, October 20, 2005, Fairway Room, Inn at Holiday Valley, 6081 Route 219,  
Holiday Valley Road, Ellicottville, New York**

The ACNW will discuss proposed letter reports and miscellaneous matters.

- 12) 10:00 - 11:30 A.M. Consideration of Proposed ACNW Reports  
12.1) WVDP performance assessments methodologies  
(JHC/RKM)  
12.2) Public outreach meeting in Las Vegas (MTR/SAS)  
12.3) Waste determination (AJC/LSH)  
12.4) NRC project plan for the Yucca Mountain License Application  
Review (MTR/LSH)
- 13) 11:30 - 12:00 Noon Miscellaneous (Open)  
The Committee will discuss matters related to the conduct of ACNW  
activities and specific issues that were not completed during  
previous meetings, as time and availability of information permit.  
Discussions may include future Committee meetings.

**12:00 Noon Adjourn**

**NOTES:**

- 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.
- **Fifty (50) hard copies and one (1) electronic copy 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 Ms. Sharon Steele at 301-415-6805 between 8:30 a.m. and 5:15 p.m. Monday through Friday prior to the meeting.