



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

December 21, 2005

**AGENDA**  
**167<sup>th</sup> ACNW MEETING**  
**JANUARY 10-12, 2006**

**TUESDAY, JANUARY 10, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,  
ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:45 A.M. Opening Remarks by the ACNW Chairman (Open) (MTR/JTL)  
The Chairman will make opening remarks regarding the conduct of today's sessions.
- 2) 8:45 - 10:15 A.M. Status of Risk-Informed Decisionmaking for Nuclear Materials and Waste Application (Open) (JHC/JHF)  
The Committee will receive an information briefing by the NRC staff on draft staff guidance on the application of risk insights in the waste and materials areas.

**10:15 - 10:30 A.M. \*\*\*BREAK\*\*\***

- 3) 10:30 - 11:30 A.M. Fabrication of PWR Uncanistered Fuel Waste Package (Open) (WJH/NMC)  
Representatives from the NRC staff will brief the Committee on the fabrication of a pressurized water reactor uncanistered fuel waste package prototype for the proposed Yucca Mountain repository.

**11:30 - 1:00 P.M. \*\*\*LUNCH\*\*\***

- 4) 1:00 - 2:00 P.M. Spent Fuel Transportation Package Response to the Baltimore Tunnel Fire Scenario (NUREG/CR-6886) (Open) (RFW/MPL)  
Representatives from the NRC staff will update the Committee on a study involving the 2001 Baltimore tunnel fire. The study involves the 3-dimensional modeling of the behavior of three different transportation cask types under thermal conditions similar to those that existed in the Baltimore tunnel fire event. The staff will also summarize comments received from the public on NUREG/CR-6886.

- 5) 2:00 - 3:00 P.M. White Paper on Transportation (Open) (RFW/RPS)  
The Committee will discuss its plans for a white paper on transportation.

**3:00 - 3:15 P.M. \*\*\*BREAK\*\*\***

- 6) 3:15 - 5:30 P.M. Discussion of Draft Letters and Reports (Open) (All)  
 Discussion of proposed ACNW reports on:  
 6.1) Implementation of Revised Part 63 (WJH/NMC)  
 6.2) Baltimore Tunnel Fire Study (RFW/MPL)

**5:30 P.M. Adjourn**

**WEDNESDAY, JANUARY 11, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 7) 9:30 - 9:35 A.M. Opening Remarks by the ACNW Chairman (Open) (MTR/JTL)  
 The Chairman will make opening remarks regarding the conduct of today's sessions.
- 8) 9:35 - 10:30 A.M. Source Characterization (Spatial Analysis and Decision Assistance Code) (Open) (RFW/RPS)  
 Representatives from the NRC staff will brief the Committee on the capabilities of Version 4.1 of the Spatial Analysis and Decision Assistance (SADA) Bayesian subsurface analysis code.
- 9) 10:30 - 11:30 A.M. Use of Dedicated Trains for Transportation of High-Level Radioactive Waste and Spent Nuclear Fuel (Open) (RFW/LSH)  
 A representative from the Federal Railroad Administration will discuss their study on the use of dedicated trains for transportation of high-level radioactive waste and spent nuclear fuel to the proposed Yucca Mountain repository.

**11:30 - 1:00 P.M. \*\*\*LUNCH\*\*\***

- 10) 1:00 - 2:00 P.M. Preparation for Commission Briefing (Open) (MTR/JTL)  
 The Committee will review final preparations for the Commission briefing on January 11, 2006.

**ONE WHITE FLINT NORTH COMMISSIONERS' CONFERENCE ROOM (O-1G16), ROCKVILLE, MARYLAND**

- 11) 2:00 - 4:00 P.M. Commission Briefing (Open) (MTR/JTL)  
 The Committee will brief the Commission on recent and planned activities.

**CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND****4:00 - 4:15 P.M.      \*\*\*BREAK\*\*\***

- 12)    4:15 - 5:30 P.M.    Discussion of Draft and Possible Letters and Reports (Open) (All)  
 Discussion of proposed ACNW reports on:
- 12.1) Implementation of Revised Part 63 (WJH/NMC)
  - 12.2) Fabrication of PWR Uncanistered Fuel Waste Package (WJH/NMC)
  - 12.3) Federal Rail Administration Dedicated Train Study (RFW/LSH)
  - 12.4) Status of Risk-Informed Decisionmaking for Nuclear Materials and Waste Application (JHC/JHF)
  - 12.5) Baltimore Tunnel Fire Study (RFW/MPL)
  - 12.6) Source Characterization (Spatial Analysis and Decision Assistance Code) (RFW/RPS)

**5:30 P.M.                  Adjourn****THURSDAY, JANUARY 12, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 13)    8:30 - 8:35 A.M.    Opening Remarks by the ACNW Chairman (Open) (MTR/JTL)  
 The Chairman will make opening remarks regarding the conduct of today's sessions.
- 14)    8:35 - 11:45 A.M.    Discussion of Draft and Possible Letters and Reports (Open) (All)  
 Discussion of proposed ACNW reports on:
- 14.1) Implementation of Revised Part 63 (WJH/NMC)
  - 14.2) Fabrication of PWR Uncanistered Fuel Waste Package (WJH/NMC)
  - 14.3) Federal Rail Administration Dedicated Train Study (RFW/LSH)
  - 14.4) Status of Risk-Informed Decisionmaking for Nuclear Materials and Waste Application (JHC/JHF)
  - 14.5) Baltimore Tunnel Fire Study (RFW/MPL)
  - 14.6) Source Characterization (Spatial Analysis and Decision Assistance Code) (RFW/RPS)
- 15)    11:45 - 12:45 P.M.    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.

**12:45 P.M.                  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 Mr. Mike Lee at 301-415-6887 between 8:15 a.m. and 5:00 p.m. prior to the meeting.