



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE AND MATERIALS
WASHINGTON, D.C. 20555-0001

November 27, 2007

AGENDA
185th ACNW&M MEETING
DECEMBER 17-19, 2007

**MONDAY, DECEMBER 17, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

- 1) 8:30 – 8:35 A.M. **Opening Remarks by the ACNW&M Chairman**
(Open)(MTR/AFD)
The Chairman will make opening remarks regarding the conduct of today's sessions.

- 2) 8:35 – 10:00 A.M. **Electric Power Research Institute's Report on
Drift degradation at Yucca Mountain** (Open) (WJH/NMC)
A representative from the Electric Power Research Institute will summarize the approach, methods, and conclusions of their 2007 report on drift degradation.

- 12:00 – 1:00 P.M. *****LUNCH*****

- 3) 1:00 – 2:30 P.M. **Update on NRC Rulemaking on Groundwater Protection at
In-Situ Leach Uranium Mining Facilities** (Open) (RFW/LSH)
NRC staff from the Office of Federal and State Materials and Environmental Management Programs (FSME) will brief the Committee on the status of the rulemaking on groundwater protection at in-situ leach uranium recovery sites.

- 2:30 – 2:45 P.M. *****BREAK*****

- 4) 2:45 – 3:30 P.M. **Vendor's View on the Transportation-Aging-Disposal
Performance Specifications** (Open) (RFW/CLB)
A representative from NAC International, a commercial cask vendor, will brief the Committee on their views on the Transportation-Aging-Disposal (TAD) performance specifications, possible challenges the vendor may be facing, and suggestions for expediting NRC approval of any TAD license application.

- 5) 3:30 – 5:00 P.M. **Discussion of ACNW&M Letter Reports** (Open) (All)
Discussion of proposed and potential ACNW&M letter reports on:
 - 5.1) Preclosure Seismic Analysis Evaluation at the Proposed Yucca Mountain, Nevada, Repository (WJH/MPL)
 - 5.2) Potential Impacts of Drift Degradation on Engineer Barrier Systems (WJH/NMC)

- 5.3) Current Developments on Waste Package Corrosion and Spent Fuel Dissolution in Support of the Total-System Performance Assessment Code (RFW/JHC/CLB)
- 5.4) Update on Rulemaking on Groundwater Protection at In-Situ Leach Uranium Mining Facilities (RFW/LSH)

5:00 P.M. Adjourn

TUESDAY, DECEMBER 18, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 6) 8:30 – 8:35 A.M. **Opening Remarks by the ACNW&M Chairman** (Open) (MTR/AFD)
The Chairman will make opening remarks regarding the conduct of today's sessions.
- 7) 8:35 – 9:30 A.M. **Status of Operations at the Barnwell Low-Level Radioactive Waste Disposal Facility** (Open) (MTR/MPL)
The Barnwell low-level radioactive waste (LLW) disposal facility is scheduled to close to non-compact states in July 2008. A representative of the site's operator, Energy Solutions, will update the Committee on activities at this commercial disposal facility in anticipation of scaled-back operations.
- 9:30 – 9:45 A.M. ***BREAK*****
- 8) 9:45 – 11:30 A.M. **NRC 2006 Commercial LLW Strategic Planning Initiative** (Open) (MTR/MPL)
Representatives from the Office of FSME will brief the Committee on their recently-issued Commission Paper (SECY-07-0180) containing specific recommendations on the scope of work to be considered in any future NRC commercial LLW program. This briefing is also expected to include a summary of the public comments received in 2005.
- 11:30 – 1:00 P.M. ***LUNCH*****
- 9) 1:00 – 2:00 P.M. **Review of Planned Waste Management Activities at U.S. Department of Energy Mixed-Oxide Fuel Fabrication Facility** (Open) (AGC/LSH)
NRC staff from the Office of Nuclear Material Safety and Safeguards will brief the Committee on planned waste management activities at U.S. Department of Energy's (DOE) Mixed-Oxide (MOX) Fuel Fabrication Facility in Aiken, South Carolina.

- 10) 2:00 – 3:00 P.M. **Briefing on Tritium Task Force Actions to Revise the Significance Determination Process to Address Spills and Leaks** (Open) (JHC/DAW)
A representative from the Office of Nuclear Reactor Regulation will report on the revisions to its Significance Determination Process (SDP) to address radioactive liquid spills and leaks in response to an action recommended in the Tritium Task Force Report.
- 3:00 – 3:15 P.M. ***BREAK*****
- 11) 3:15 – 5:00 P.M. **Discussion of ACNW&M Letter Reports** (Open) (All)
Continued discussion of proposed and potential ACNW&M letter reports listed under Item 5 and:
- 11.1) Status of Operations at the Barnwell LLW Disposal Facility (MTR/MPL)
 - 11.2) NRC 2006 Commercial LLW Strategic Planning Initiative (MTR/MPL)
 - 11.3) Review of Planned Waste Management Activities at DOE's MOX Fuel Fabrication Facility (AGC/LSH)
 - 11.4) Briefing on Tritium Task Force Actions to Revise the SDP to Address Spills and Leaks (JHC/DAW)
- 5:00 P.M. Adjourn**

WEDNESDAY, DECEMBER 19, 2007, CONFERENCE ROOM T-2B1, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 12) 8:30 – 8:35 A.M. **Opening Remarks by the ACNW&M Chairman** (Open) (MTR/AFD)
The Chairman will make opening remarks regarding the conduct of today's sessions.
- 13) 8:35 – 11:30 A.M. **Discussion of ACNW&M Letter Reports** (Open) (All)
Continued discussion of proposed and potential ACNW&M letter reports listed under Items 5 and 11.
- 11:30 – 1:00 P.M. ***LUNCH*****
- 14) 1:00 – 3:00 P.M. **Discussion of ACNW&M Letter Reports** (Open) (All)
Continued discussion of proposed and potential ACNW&M letter reports listed under Items 5 and 11.
- 15) 3:00 – 5:00 P.M. **Miscellaneous** (Open) (All) – The Committee will discuss matters related to the conduct of ACNW&M activities and specific issues that were not completed during previous meetings, as time and availability permit. Discussions may include content of future letters and scope of future Committee Meetings.
- 5:00 P.M. Adjourn**

NOTES:

- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five (35) hard copies and one (1) electronic copy of the presentation materials should be provided to the ACNW&M in advance of the briefing.
- During the days of the meeting, phone number 301-415-7360 should be used in order to access anyone in the ACNW&M Office.