

August 23, 2007

AGENDA
182nd ACNW&M MEETING
SEPTEMBER 18-20, 2007

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

- 1) 10:00 - 10:05 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) 10:05 - 10:30 A.M. **Corrosion of Waste Package and Drip Shield Materials in a Repository Environment** (Open) (RFW/CLB)
NRC staff representative from the Division of High-Level Waste and Repository Safety (DHLWRS) will brief the Committee on the staff's current understanding of key processes and associated uncertainties for estimating the long-term performance of waste package and drip shield materials under potential repository conditions.
 - 3) 10:30 - 11:00 A.M. **Mechanisms for Estimating Juvenile Waste Package Failures** (Open) (RFW/CLB)
Representatives from the Center for Nuclear Waste Regulatory Analyses and from DHLWRS will update the Committee on the staff's current understanding of key processes and associated uncertainties that may contribute to juvenile failure of waste packages under potential repository conditions.
 - 4) 11:00 - 11:30 A.M. **Dissolution Processes for Commercial Spent Nuclear Fuels in a Repository Environment** (Open) (JHC/CLB)
DHLWRS staff representatives will brief the Committee on the staff's current understanding of key processes and associated uncertainties for the dissolution of commercial spent nuclear fuels under potential repository conditions.
 - 5) 11:30 - 12:00 A.M. **Discussion of the NRC Role in the International Committee on Radiological Protection (ICRP)** (Open) (MTR/NMC)
NRC staff representative from the Office of Federal and State Materials and Environmental Management Programs (FSME) will brief the Committee on NRC's participation in recent activities of the ICRP.
- 12:00 - 1:00 P.M. ***LUNCH*****

- 6) 1:00 - 2:00 P.M. **Nuclear Energy Institute (NEI) Briefing on Low-Level Radioactive Waste (LLW) Minimization Strategies** (Open) (MTR/CLB)
An NEI representative will brief the Committee on what nuclear power plants are doing to reduce the volume of Class B/C commercial LLW being generated.
- 7) 2:00 - 3:00 P.M. **NEI Executive Committee Views on Commercial LLW Management Issues** (Open) (MTR/MPL)
An NEI representative will brief the Committee on activities of a recently formed NEI executive-level committee examining issues related to the generation, management, and disposal of commercial LLW.
- 3:00 - 3:15 P.M. ***BREAK*****
- 8) 3:15 - 4:00 P.M. **Observations from ACNW&M Members and Staff on Recent Activities** (Open) (All)
ACNW&M members and staff will present summaries of their:
8.1) Visit to decommissioning sites in Pennsylvania (TMI plant) and Missouri (Hematite site) (JHC/DAW)
8.2) Visit to the U.S. Department of Energy (DOE) Grand Junction site in Colorado (RFW/LSH)
8.3) Attendance at the First Annual Radwaste Summit (MTR/LSH)
- 9) 4:00 - 5:00 P.M. **Discussion of ACNW&M Letter Reports** (Open) (All)
Discussion of proposed and potential ACNW&M letter reports on:
9.1) Regulation of Advanced Spent Nuclear Fuel Reprocessing and Refabrication Facilities (AGC/JHF)
9.2) Monitoring Plans for Two DOE Waste Determination Projects (AGC/LSH)
9.3) The Role of the NRC in the ICRP (MTR/NMC)
9.4) Corrosion of Waste Package and Drip Shield Materials in Repository Environment (RFW/CLB)
9.5) Mechanisms for Estimating Juvenile Waste Package Failures (RFW/CLB)
9.6) Dissolution Processes for Commercial Spent Nuclear Fuels in the Repository Environment (JHC/CLB)
9.7) NEI Briefing on LLW Minimization Strategies (RFW/CLB)
9.8) NEI Executive Committee Views on Commercial LLW Management Issues (MTR/MPL)
9.9) Regulatory Guide Revisions (MTR/DAW)
9.10) Semiannual Briefing by the Office of Federal and State Materials and Environmental Management Programs (MTR/LSH)
- 5:00 P.M. Adjourn**

WEDNESDAY, SEPTEMBER 19, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 10) 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.
- 11) 8:35 - 9:30 A.M **Regulatory Guide Revisions** (Open) (MTR/DAW)
NRC staff representative from the Office of Nuclear Regulatory Research will brief the Committee on the efforts to revise NRC's Regulatory Guides related to the licensing of nuclear facilities.
- 12) 9:30 - 12:30 P.M **Preparation for Meeting with NRC Commissioners** (Open) (All)
Discussion of topics and work on the slides in preparation for the ACNW&M briefing to the NRC Commissioners, scheduled for Wednesday, November 14, 2007.
- 12:30 - 1:30 P.M. ***LUNCH*****
- 13) 1:30 - 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 9.
- 5:00 P.M. Adjourn**

THURSDAY, SEPTEMBER 20, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 14) 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.
- 15) 8:35 - 12:30 P.M. **Discussion of ACNW&M Letter Reports** (Open) (All)
Continued discussion of proposed and potential ACNW&M letter reports listed under Item 9.
- 12:30 - 1:30 P.M. ***LUNCH*****
- 16) 1:30 - 3:00 P.M. **Semiannual Briefing by the Office of Federal and State Materials and Environmental Management Programs (FSME)** (Open) (MTR/LSH)
FSME Office and Division Directors will brief the Committee on recent and future activities of interest within their respective programs.

- 17) 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. 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.
- A telephone bridge line will be available on the days of the meeting by calling: 1-800-638-8081, Pass Code: 8562.

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