

April 19, 2007

**AGENDA
179th ACNW MEETING
MAY 16-17, 2007**

**WEDNESDAY, MAY 16, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,
ROCKVILLE, MARYLAND**

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

- 2) 8:35 - 10:15 A.M. **AREVA Spent Nuclear Fuel Recycle Facilities** (Open)
(AGC/JHF)
A representative from AREVA will present an overview of their recycle facilities, including new technology developments, operating experience, effluents, waste streams, and decommissioning activities.

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

- 3) 10:30 - 11:30 A.M. **ACNW White Paper on Volcanism** (Open) (WJH/NMC)
Discussion of final draft of the White Paper on Igneous Activity at Yucca Mountain. Paper to be sent to the Commission in June.

- 4) 11:30 - 12:00 P.M. **ACNW Meeting with NRC Commissioner Jeffrey S. Merrifield**
(Open) (MTR/MPL)
Commissioner Merrifield will address the Committee on current topics and issues of common interest.

- 12:00 - 1:00 P.M. ***LUNCH*****

- 5) 1:00 - 4:00 P.M. **Yucca Mountain Preclosure Repository Design: NRC Staff Review Readiness and Views on the Issues** (Open)
(WJH/MPL)
NRC staff representatives from the Office of Nuclear Materials Safety and Safeguards will brief the Committee on their readiness to review a geologic repository operations area design submitted by the U.S. Department of Energy (DOE) as part of any 10 CFR Part 63 License Application. Included in this briefing will be some discussion of the staff's integrated preclosure safety assessment review capability as well as any outstanding preclosure design issues. There may be a 15 minute break at some point during this activity.

- 6) 4:00 - 6:00 P.M. **NCRP Study on Radiation Exposure of U.S. Population**
(Open) (MTR/NMC)
A representative of the National Council on Radiation Protection and Measurements (NCRP) will brief the Committee about the status of studies being conducted to develop a new NCRP report on "Ionizing Radiation Exposure of the United States Population." This report is being prepared as an update to the 1987 NCRP Report No. 93.

6:00 P.M. Adjourn

THURSDAY, MAY 17, 2007, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

- 7) 10:00 - 10:05 A.M. **Opening Remarks by the ACNW Chairman** (Open)
(MTR/DAW)
The Chairman will make opening remarks regarding the conduct of today's sessions.
- 8) 10:05 - 11:00 A.M. **Proposed Revision to Standard Review Plan Chapter 11.5 for New Reactor Licensing** (Open) (MTR/DAW)
NRC Staff representative from the Office of New Reactors will brief the Committee on the proposed revision to NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants," Chapter 11.5, "Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems."
- 9) 11:00 - 11:30 A.M. **Briefing on Interim Staff Guidance (ISG)-04, "Preclosure Safety Analysis - Human Reliability Analysis"** (Open)
(MTR/DAW)
NRC staff from the Division of High-Level Waste Repository Safety (HLWRS) will brief the Committee on ISG-04, "Preclosure Safety Analysis - Human Reliability Analysis" for the staff's review of human reliability evaluations that will be included in the preclosure safety analysis (PCSA) for the proposed Yucca Mountain Repository site.
- 11:30 - 1:00 P.M. ***LUNCH*****
- 10) 1:00 - 2:00 P.M. **Briefing on Long-Term Research Activities** (Open) (RFW/JHF)
NRC staff representatives from the Office of Nuclear Regulatory Research (RES) will brief the Committee on NRC's long-term research activities which support possible emergence of either new regulatory initiatives, or new technologies that could be applied in nuclear facilities in coming years.
- 11) 2:00 - 3:00 P.M. **ACNW White Paper on Volcanism** (Open) (WJH/NMC)
Continued discussion of final draft of the White Paper on Igneous Activity at Yucca Mountain. Paper to be sent to the Commission in June.

- 3:00 - 3:15 P.M. ***BREAK*****
- 12) 3:15 - 4:00 P.M. **Discussion of ACNW Letter Reports** (Open) (All)
 Discussion of proposed and potential ACNW letter reports on:
 12.1) Yucca Mountain Preclosure Repository Design: NRC Staff Review Readiness and Views on the Issues (WJH/MPL)
 12.2) NCRP Study on Radiation Exposure of US Population (MTR/NMC)
 12.3) Proposed Revision to Standard Review Plan Chapter 11.5 for New Reactor Licensing (MTR/DAW)
 12.4) Briefing on Interim Staff Guidance (ISG)-04, "Preclosure Safety Analysis - Human Reliability Analysis" (MTR/DAW)
 12.5) Briefing on Long-Term Research Activities (RFW/JHF)
- 13) 4:00 - 5:30 P.M. **Miscellaneous** (Open) (All)
 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 content of future letters and scope of future Committee Meetings.
- 5:30 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 in advance of the briefing.

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