



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

May 4, 2006

AGENDA  
170<sup>th</sup> ACNW MEETING  
MAY 23-26, 2006

**TUESDAY, MAY 23, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,  
ROCKVILLE, MARYLAND**

**ACNW WORKING GROUP MEETING ON LOW-LEVEL RADIOACTIVE WASTE (LLW)  
MANAGEMENT ISSUES – DAY 1 (OPEN)**

- 1) 8:30 - 8:40 A.M. **Greeting and Introductions** (MTR/MPL)  
The ACNW Chairman, Dr. Michael Ryan, will state the purpose and objectives for this Working Group Meeting. He will also provide an overview of the planned technical sessions for Day 1 and introduce the invited panelists and speakers.

**Purpose of ACNW Working Group Meeting.** The purposes of this ACNW Working Group Meeting are to:

- Obtain current information on commercial LLW management practices.
- Identify emerging LLW management issues and concerns.
- Solicit stakeholder views on what changes to the regulatory framework for managing LLW should be recommended for Commission consideration.
- Solicit stakeholder views on actions the NRC can take to ensure a stable, reliable and adaptable regulatory framework for effective LLW management.
- Identify specific impacts, both positive and negative, of potential staff activities.

**SESSION I: CURRENT LLW PROGRAM STATUS**

- 2) 8:40 - 9:40 A.M. **Existing LLW Licensee Operational Experience and Perspective**  
Bill House/Chem-Nuclear Systems, LLC  
Tye Rogers/EnergySolutions, LLC
- 3) 9:40 - 10:40 A.M. **Alternative Disposal Options and Practices**  
Bill Dornsife/Waste Control Specialists (Texas)  
Steve Romano/U.S. Ecology — American Ecology

**10:40 - 11:00 A.M. \*\*\*BREAK\*\*\***

- 4) 11:00 - 11:30 A.M. **NRC's Current LLW Program: Challenges**  
Larry Camper/NRC Division of Waste Management and Environmental Protection

- 5) 11:30 - 12:30 P.M. **10 CFR Part 61: Historical Perspective on NRC's LLW Program**  
Paul Lohaus/NRC (retired)  
Malcolm Knapp/NRC (retired)

**12:30 - 2:00 P.M. \*\*\*LUNCH\*\*\***

**SESSION II: CURRENT FRAMEWORK FOR MANAGING LLW AND OPERATIONAL ISSUES**

- 6) 2:00 - 3:30 P.M. **State/Compact Disposal Experience**  
Don Womeldorf/Southwestern Low-Level Radioactive Waste Commission  
Henry Porter/South Carolina Department of Health and Environmental Control
- 7) 3:30 - 4:00 P.M. **LLW Definitions and Decommissioning Experience**  
Ralph Anderson/Nuclear Energy Institute
- 8) 4:00 - 4:30 P.M. **New License Applicant Perspectives**  
Dean Kunihiro/Waste Control Specialists, LLC
- 9) 4:30 - 5:30 P.M. **Stakeholder and Public Comments**

**5:30 P.M. Adjourn Day 1**

**WEDNESDAY, MAY 24, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

**ACNW WORKING GROUP MEETING ON LOW-LEVEL RADIOACTIVE WASTE (LLW) MANAGEMENT ISSUES – DAY 2 (OPEN)**

**SESSION III: INDUSTRY PANEL DISCUSSION**

- 10) 8:30 - 8:40 A.M. **Greeting and Introductions** (MTR/MPL)  
The ACNW Chairman Dr. Ryan will provide an overview of the planned technical sessions for Day 2 and introduce the invited panelists and speakers.
- 11) 8:40 - 11:00 A.M. **Industry Roundtable Discussion**  
Moderator: Michael Ryan/ACNW  
Panel Members:  
Mark Carver/Entergy (Mississippi)  
Julie Clements/U.S. Army Corps of Engineers  
Joseph Ring/Harvard University  
Steve Romano/U.S. Ecology — American Ecology  
Bill Sinclair/Utah Department on Environmental Quality  
Henry Porter/South Carolina Department of Health and Environmental Control

**11:00 - 12:30 P.M. \*\*\*LUNCH\*\*\***

**SESSION IV: PERSPECTIVES ON NRC STRATEGIC ASSESSMENT**

- 12) 12:30 - 3:00 P.M. **Panel Discussion**  
 Moderator: Michael Ryan/ACNW  
 Panel Members:  
 Mike Elsen/Washington State Department of Health  
 Scott Flanders/NMSS DWMEP  
 Bill House/Chem-Nuclear Systems, LLC  
 Susan Jablonski/Texas Council on Environmental Quality  
 Alan Pasternak/California Radioactive Materials Management  
 Forum (Cal Rad Forum)
- 13) 3:00 - 4:30 P.M. **Stakeholder and Public Comments**
- 14) 4:30 - 5:00 P.M. **Closing Remarks:** Dr. Ryan.
- 15) 5:00 - 5:30 P.M. **ACNW Working Group Meeting Impressions– Discussion of Letter Report**  
 Discussion of possible ACNW letter report.

**5:30 P.M. Adjourn Day 2**

**THURSDAY, MAY 25, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND – DAY 3 (OPEN)**

- 16) 8:25 - 8:30 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/JTL)  
 The Chairman will make opening remarks regarding the conduct of today's sessions.
- 17) 8:30 - 10:30 A.M. **National Academy of Sciences (NAS) Report on the Management of Certain Tank Wastes at U.S. Department of Energy (DOE) Sites** (Open) (AGC/LSH)  
 Members of the NAS Staff and the cognizant NAS Committee will brief the ACNW on the findings of a Congressionally-mandated study of radioactive waste streams stored in tanks at three DOE sites.

**10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***

- 18) 10:45 - 12:15 P.M. **NRC Standard Review Plan (SRP) for Waste Determinations** (Open) (AGC/LSH)  
 NMSS representatives will update the Committee on progress in the development of the SRP to be used by the NRC staff to review DOE waste determinations.

**12:15 - 1:30 P.M. \*\*\*LUNCH\*\*\***

- 19) 1:30 - 3:00 P.M. **Review of International Commission on Radiological Protection (ICRP) Draft Report, “The Scope of Radiological Protection Regulations”** (Open) (MTR/NMC)  
Briefing by and discussions with representatives of the NRC staff regarding the ICRP draft report for comment titled, “The Scope of Radiological Protection Regulations”.

Representatives of the ICRP, nuclear industry and members of the public may provide their views, as appropriate.

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

- 20) 3:15 - 5:30 P.M. **Discussion of Draft ACNW Letter Reports** (Open) (All)  
Discussion of proposed ACNW reports on the following:
- 20.1) Additional Recommendations Related to RES Programs (MTR/DAW/RPS)
  - 20.2) ACNW Working Group Meeting on Draft Final Guidance to Implement NRC’s License Termination Rule (JHC/MPL)
  - 20.3) Recent Developments Related to Modeling the Igneous Activity in the Yucca Mountain Region (WJH/NMC)
  - 20.4) ICRP Draft Report, “The Scope of Radiological Protection Regulations” (MTR/NMC)

**5:30 P.M. Adjourn Day 3**

**FRIDAY, MAY 26, 2006, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 21) 10:00 - 10:10 A.M. **Opening Remarks by the ACNW Chairman** (Open) (MTR/JTL)  
The Chairman will make opening remarks regarding the conduct of today’s sessions.
- 22) 10:10 - 11:45 A.M. **Overview of NRC Spent Fuel Storage Program** (Open) (AGC/RPS)  
NMSS representatives will provide an overview of this NRC program.
- 23) 11:45 - 4:00 P.M. **Discussion of Draft ACNW Letter Reports** (Open) (All)  
Continued discussion of proposed ACNW reports on:
- 23.1) Additional Recommendations related to RES Programs (MTR/DAW/RPS)
  - 23.2) ACNW Working Group Meeting on Draft Final Guidance to Implement NRC’s License Termination Rule (JHC/MPL)
  - 23.3) Recent Developments Related to Modeling the Igneous Activity in the Yucca Mountain Region (WJH/NMC)
  - 23.4) ACNW Working Group Meeting on LLW Management Issues (MTR/MPL)
  - 23.5) NAS Report on the Management of Certain Tank Wastes at DOE Sites (AGC/LSH)
  - 23.6) NRC SRP for Waste Determinations (AGC/LSH)
  - 23.7) Overview of NRC Spent Fuel Storage Program (AGC/RPS)

- 24) 4:00 - 4:30 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.

**4:30 P.M. Adjourn**

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**NOTES:**

- Presentation time should not exceed 50 percent of the total time allocated 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 in advance of the briefing.**
- 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. Michael R. Snodderly at 301-415-6927 between 8:00 a.m. and 5:00 p.m. prior to the meeting.