



UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON NUCLEAR WASTE
WASHINGTON, D.C. 20555

ACNWS-0011
PDR 8/11/89
40955

June 28, 1989

The Honorable Lando W. Zech, Jr.
Chairman
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Chairman Zech:

SUBJECT: ELEVENTH MEETING OF THE ADVISORY COMMITTEE ON NUCLEAR WASTE,
JUNE 13, 1989

The Advisory Committee on Nuclear Waste (ACNW) held its 11th meeting in Bethesda, Maryland, on June 13, 1989. A summary of actions is presented below.

Review of the Division Draft Site Characterization Analysis (SCA)

The Committee discussed with the ACNW Consultants and NRC Staff the following six modules of the Division Draft SCA:

SCA MODULE

- Geology/Geophysics
- Materials Engineering/Waste Package
- Geotechnical Engineering
- Hydrology/Geochemistry
- Performance Assessment
- Quality Assurance

The NMSS staff will consider the comments and concerns expressed during the meeting, and the NMSS staff will provide to the Committee an updated version of the SCA introduction, summary and director's comments, prior to the next meeting.

The NRC staff noted that the first annual update of the Site Characterization Plan (SCP) by DOE will be available by mid-July. The ongoing NRC/ACNW review will be based on the current plan, however.

ACNW Membership

Dr. Moeller welcomed Dr. William Hinze to his first meeting as a Committee member.

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Future Meeting Schedules

Dr. Moeller noted that the American Society for Testing Materials (ASTM) is involved in the development of standards applicable to radioactive waste activities. He requested that, if deemed appropriate, a representative of ASTM be invited to brief the Committee on these activities, preferably near the end of the year.

Dr. Moeller announced that he will meet on July 6, 1989, with the Technical Assistants to the Commissioners, to discuss matters of mutual interest.

Future Activities

Appendix A is the tentative agendas for future ACNW meetings that were proposed to the Committee.

Sincerely,

Dade W. Moeller

Dade W. Moeller
Chairman

**APPENDIX A
FUTURE AGENDA**

12th ACNW Meeting on June 28-30, 1989

Site Characterization Analysis (Open) - The Committee will complete the review of the Site Characterization Analysis and prepare a report on the SCA/SCP.

Waste Management Research Program and Strategy Plan (Open) - The Committee will be briefed on:

- Structural organization of waste management research activities
- High-level waste management research program and strategy plan
- LLW research program plans
- Center for Nuclear Waste Regulatory Analyses activities.

Status of Cementitious Waste Forms (Open) - The Committee will be briefed on the status of cementitious LLW forms and the recent workshop on cement solidification

Mishap Reporting in the Management of LLW (Open) - The Committee will be briefed on methods and procedures for reporting incidents involving LLW forms prepared for disposal (SECY-89-116).

Performance Assessment (Open) - The Committee will be briefed on the NRC approach to performance assessment for LLW disposal and the status of internal activities (NMSS/RES Memorandum of Understanding), if time permits.

Committee Activities (Open) - The Committee will discuss anticipated and proposed Committee activities, future meeting agenda, and organizational matters, as appropriate.

13th ACNW Meeting on July 26-27, 1989 (tentative agenda)

Meeting with the Commission (Open) - The Committee and the Commission will discuss the ACNW Letter Report on SCP/SCA as well as other items of interest.

Scoping Study PRA for Yucca Mountain (Open) - The Committee will be briefed by NRC staff, RES, and representatives from Sandia National Laboratory, on the development of a scoping study PRA for Yucca Mountain

EPA Low Level Waste Standards (Open) - The Committee will be briefed on radionuclide release standards for LLW disposal sites.

Status of NRC/DOE Interactions on DOE Quality Assurance (Open)

Committee Activities (Open) - The Committee will discuss anticipated and proposed Committee activities, future meeting agenda, and organizational matters, as appropriate.

14th ACNW Meeting on September 13-15, 1989 (tentative agenda)

Retrievability Demonstration (Open) - The Committee will be briefed on the Technical Position on demonstration of retrievability during site characterization.

Tectonic Models (Open) - The Committee will be briefed on the technical position on tectonic models.

Data Availability (Open) - The committee will invite representatives of DOE and USGS to discuss problems related to delays in making data available and coming to closure.

Meeting with Director of Office of Nuclear Reactor Regulation (NRR) (Open) - The Committee will be briefed by NRR on the licensing program for LLW handling systems, fuel compaction, decontamination and decommissioning. The Committee will discuss any crossover issues with representatives of NMSS and the EDO.

Selection of Nominating Committee - The Chairman will appoint the nominating committee for selection of the 1989 ACNW officers

Committee Activities (Open) - The Committee will discuss anticipated and proposed Committee activities, future meeting agenda, and organizational matters, as appropriate.

15th ACNW Meeting on October 11-13, 1989 (tentative agenda)

Nomination of ACNW Officers (Open/Closed) - The Nominating Committee will present its suggested slate of officers for 1989.

Committee Activities (Open) - The Committee will discuss anticipated and proposed Committee activities, future meeting agenda, and organizational matters, as appropriate.

16th ACNW Meeting on December 27-29, 1989 (tentative agenda)

American Society for Testing Materials (Open) - The Committee will be briefed on the radioactive waste activities of ASTM.

Election of ACNW Officers (Open) - The Committee will vote to select its officers for 1989.

Committee Activities (Open) - The Committee will discuss anticipated and proposed Committee activities, future meeting agenda, and organizational matters, as appropriate.