



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

ACNWS-0015
PDR
3/22/90

January 22, 1990

The Honorable Kenneth M. Carr
Chairman
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Chairman Carr:

SUBJECT: SUMMARY REPORT - FIFTEENTH MEETING OF THE ADVISORY
COMMITTEE ON NUCLEAR WASTE, DECEMBER 20, 1989

During its 15th meeting, December 20, 1989, the Committee completed
the activities noted below and prepared the following reports.

REPORTS, LETTERS AND MEMORANDA

1. Comments on EPA's Proposed Revisions of High Level Waste
Standards (Report to Chairman Carr, dated December 21, 1989).

The Committee was briefed by the NRC staff on their plans
to reevaluate and implement the standards through
rulemakings and conformance of Part 60 to the EPA
standard. The Committee also had the benefit of
discussions with representatives of DOE and EPA.

2. Program Plan for the Advisory Committee on Nuclear Waste (ACNW)
(Report to Chairman Carr, dated December 29, 1989).

The Committee provided a program plan for ACNW activities
during the four-month period of January through April 1990.

OTHER ACTIONS, AGREEMENTS, ASSIGNMENTS AND REQUESTS

3. Hanford Waste Tanks

During the briefing on EPA standards, Mr. Bernero noted that
a petition for rulemaking is expected regarding identification
and separation of the waste contents in the tanks. Mr.
Bernero requested that the Committee consider this matter at
the appropriate time and agreed to provide the related
correspondence to the Committee.

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The Honorable Kenneth M. Carr 2

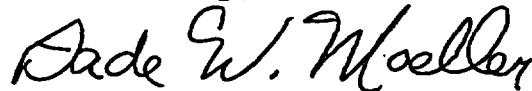
4. Working Group Meeting

Since the last report of ACNW activities, a Working Group meeting was held on November 30, 1989, at the Center for Nuclear Waste Regulatory Analyses (CNWRA) San Antonio, Texas. The Working Group was briefed on CNWRA activities and other items of mutual interest.

FUTURE ACTIVITIES

Appendix A summarizes the tentative agenda items that were proposed for meetings of the Committee during the next four month period.

Sincerely,



Dade W. Moeller
Chairman

APPENDIX A. FUTURE AGENDA

January 24-26, 1990 (Tentative Agenda)

Meeting with the Director, NMSS (Open) - The Committee will be briefed by Mr. Bernero on the bases for indefinitely deferring the planned NRC staff action regarding the definition of "Substantially Complete Containment" and other items of mutual interest.

Schedule for NRC/DOE Projects (Open) - The Committee will be briefed on the current schedule for NRC/DOE projects related to the high-level waste repository in light of recent DOE schedule changes.

Meeting with DLLWM Director (Open) - Mr. Richard Bangart, Director, DLLWM, will discuss the overall strategy of low-level waste projects and how they form a coherent program to ensure safety.

Storage of Spent Nuclear Fuel (Open) - The Committee will be briefed by the NRC staff on the storage of spent nuclear fuel in NRC approved casks at civilian nuclear power plant sites (final rule for review and comment).

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

Use of the Metric System (Open) - The Committee will complete its consideration of proposed comments regarding the use of the metric system.

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

February 21-23, 1990 (tentative agenda)

Technical Position on Seismic Hazards (Open) - The Committee will be briefed by the NRC staff on the Technical Position on seismic hazards.

Meeting with the Commissioners (Open)

- Report on West Valley Trip
- Report on trip to CNWRA
- Discuss ACNW Report on Implementation of EPA Standards
- Other Items of Mutual Interest

Monitored Retrievable Storage (MRS) Review Commission Recommendations (Open) - The Committee will be briefed by representatives of MRS Commission on their report on the need for an MRS.

Technical Position on Soil Erosion (Open) - The Committee will discuss the DLLW Technical Position on Soil Erosion and protection for uranium mill tailing sites.

Meeting with the Chairman of the LLW Committee of the Conference of State Radiation Control Program Directors (Open) - The Committee will discuss problem areas in the LLW field with Mr. Dornisfe, Chief, Division of Nuclear Safety, Department of Environmental Protection, Commonwealth of Pennsylvania.

Mixed Wastes (Open) - The Committee will be briefed by the NRC staff on the technical aspects of criteria for the treatment, storage and disposal of mixed radioactive and hazardous wastes.

Radioactive Contamination Following Decommissioning (Open) - The Committee will discuss and comment as appropriate on the implementation of a policy regarding the criteria for acceptable residual levels of radioactive contamination .. following decommissioning.

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

March 21-23, 1990 (Tentative Agenda)

Pathfinder Atomic Power Plant Dismantlement (Open) - The Committee will be briefed on the related dismantlement Safety Evaluation Report prepared by the NRC staff.

Technical Position on Waste Forms (Open) - The Committee will be briefed by the NRC staff on modifications to the Technical Position on LLW Stabilization/Waste Forms.

EPA Radiation Protection Programs (Open) - The Committee will be briefed by representatives of EPA on their Radiation Protection Programs besides the high-level waste standards activities.

White Paper on Geophysics (Open) - The Committee will review and comment on the DOE/USGS white paper on integration of the geophysics aspects of the repository SCP.

DOE Technical Assessment Review (Open) - The Committee will review and comment on the DOE Technical Assessment Review (TAR). The TAR deals with the assessment of the "no name fault" at the ESF sites.

Status of Proactive Work (Open) - The Committee will be briefed by the NRC staff on the status of proactive work in the Division of HLWM (technical positions and rules).

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

April 26-27, 1990 (Tentative Agenda)

Technical Position on LLW Shipment Manifest System (Open) - The Committee will review and comment on the Technical Position on LLW Shipment Manifest System.

BEIR V Report (Open) - The Committee will request a briefing on the BEIR V Report on radiobiological effects.

Regulatory Guide for License Applications (Open) - The Committee will review and comment on this Regulatory Guide.

Design Basis Accident Dose Limits (Open) - The Committee will review design basis accident dose limits for the HLW repository in the preclosure phase.

International Programs on Waste Disposal (Open) - The Committee will invite Mr. Harold Denton to discuss international programs on radioactive waste disposal.

NRC Research Program (Open) - The Committee will discuss the NRC research program on radwaste with Mr. N. E. Todreas, Chairman, NRC's Nuclear Safety Research Review Committee.

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