

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

May 17, 1989

MEMORANDUM FOR: Dr. Dade W. Moeller, Chairman  
Advisory Committee on Nuclear Waste

FROM: Samuel T. Chilk, Secretary

SUBJECT: STAFF REQUIREMENTS - PERIODIC BRIEFING  
BY ADVISORY COMMITTEE ON NUCLEAR WASTE  
(ACNW), 10:00 A.M., THURSDAY, APRIL 27,  
1989, COMMISSIONERS' CONFERENCE ROOM,  
ONE WHITE FLINT NORTH, ROCKVILLE,  
MARYLAND (OPEN TO PUBLIC ATTENDANCE)

The commission\* met with the Advisory Committee on Nuclear Waste (APNW) to discuss nuclear waste related issues before the commission.

The Commission expressed interest in receiving future comments and recommendations from the ACNW on the following topics:

- a. Issues raised by the State of Nevada (i.e., active tectonism, recent volcanic activity, and mineral resources) in regard to the Yucca Mountain site for the DOE repository of nuclear waste.
- b. ACNW visit to the West Valley site, New York.
- c. Whether the NRC is providing sufficient and timely guidance to DOE on performance acceptance criteria for disposal of greater-than-Class-C wastes as progress is made in this area.
- d. Alternative options for disposing greater than class-C-waste, including sealed sources returned to DOE, in other than the nuclear repository at Yucca Mountain, should the capacity of the repository be less than expected. .
- e. The extent to which the application of the Resource conservation Recovery Act (RCRA) requirements to the disposal of mixed waste would afford a significant increase in protection of the public health and safety over and above

that provided under 10 CFR Part 61.

\* Commissioner Carr was not present.

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- f. Anticipated interface between the ACNW and the Nuclear Waste Technical Review Board.
- g. The potential usefulness of conducting a probabilistic risk assessment (PRA) study on the HLW repository facility.
- h. The extent to which NRC staff needs to develop an independent capability for modeling and repository site.

cc: Chairman Zech  
Commissioner Roberts  
Commissioner Carr  
Commissioner Rogers  
Commissioner Curtiss  
OGC  
EDO  
GPA  
PDR - Advance  
DCS - P1-24