



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

SL-0344

March 24, 1988

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

Dear Chairman Zech:

SUBJECT: THREE HUNDRED AND THIRTY-FIFTH MEETING OF THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS, MARCH 10-12, 1988

The Advisory Committee on Reactor Safeguards held its 335th meeting in Washington, D.C. on March 10-12, 1988. A summary of actions is presented below:

ACRS REPORTS/RECOMMENDATIONS

The Committee prepared a report on the Restart of the Sequoyah Nuclear Plant. (Letter to Chairman Zech dated March 15, 1988)

The Committee prepared comments on the Need for Greater Coherence Among New Regulatory Policies. (Letter to Chairman Zech dated March 15, 1988)

The Committee prepared comments on Embrittlement of Structural Steel. (Letter to Chairman Zech dated March 15, 1988)

Reports on the subjects noted above have been sent to you.

The Committee prepared comments on Regulatory Guide 1.99, Revision 2, "Radiation Embrittlement of Reactor Vessel Materials," Dated March 1988. (Letter to the Executive Director for Operations dated March 15, 1988)

A copy of this letter has been sent to you.

OTHER ACTIONS, AGREEMENTS, ASSIGNMENTS AND REQUESTS

Dr. Neville Moray, Chairman of the Panel on Human Factors Research Needs in Nuclear Regulatory Research, National Research Council, discussed the Panel's recommendations and conclusions.

The Committee was briefed by representatives of AEOD on recent operating events and incidents. In particular, the events at Indian Point-2 (steam generator dryout), at Nine Mile Point-2 (reactor scram and vessel overfill), and the annunciator cabinet fires at Beaver Valley-2, Calvert Cliffs-2 and Rancho Seco were described.

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The Committee was briefed by the NRC Staff on the planned restart of Rancho Seco. The Committee agreed that it would not write a letter at this time but would review this matter during its April meeting.

Representatives of DOE briefed the Committee on the DOE Advanced Reactor Severe Accident Program (ARSAP).

Representatives of the NRC Staff and TVA briefed the Committee on the resolution of concerns and issues regarding the restart of the Sequoyah Nuclear Plant. The Committee agreed that some remaining fire protection issues identified as part of the Sequoyah review should be considered by the Subcommittee on Auxiliary Systems as a generic matter.

Representatives from the NRC Staff briefed the Committee on Regulatory Guide 1.99, Revision 2, "Radiation Embrittlement of Reactor Vessel Materials."

Representatives from the NRC Staff briefed the Committee on the NRC Staff efforts to resolve the uncertainties associated with radiation embrittlement of reactor pressure vessel supports.

The Committee discussed concerns associated with the implementation of the safety goal. The Committee agreed to continue this discussion during its April meeting.

The Committee continued its discussion of proposed hierarchical structure for important safety-related issues identified by ACRS members. This discussion will be continued during the April meeting.

The Committee decided not to review the requested power level increase from 3411 MWt to 3565 MWt for the Callaway Plant, Unit 1. However, attention was directed to the need for consideration of steam generator performance at this increased power level in light of experience at the North Anna Power Station.

The Committee agreed that the Subcommittee on Limerick-2 should proceed with review of the application for an operating license but should not do so until the problem at Peach Bottom is resolved.

The Committee agreed that a meeting with the Commissioners should be scheduled to discuss the recently approved NRC Maintenance Policy Statement.

The Committee agreed that the Subcommittee on TVA Organizational Issues should take the lead in the Committee's independent review of the NRC Staff's report on TVA lessons learned.

Since the last report of ACRS activities, the following subcommittee meetings have been held:

- ° Metal Components, February 18, 1988 - To review Regulatory Guide 1.99, Revision 2, "Radiation Embrittlement of Reactor Vessel Material."
- ° Joint Scram Systems Reliability and Core Performance, February 19, 1988 - To review the current status of LWR plant operations as they may influence core reactivity control, operational limits, and existing ATWS analyses.
- ° Diablo Canyon, February 23 and 24, 1988 - To review the status of the Diablo Canyon Long-Term Seismic Program.
- ° Reliability Assurance, March 7 and 8, 1988 - To discuss valve reliability.
- ° Auxiliary Systems, March 9, 1988 - To discuss the results of the Fire Risk Scoping Study.

FUTURE AGENDA

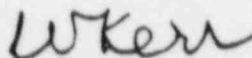
The following items have been proposed for consideration during the ACRS meeting on April 7-9, 1988:

- ° Rancho Seco Nuclear Power Plant - Briefing and discussion regarding proposed restart of the Rancho Seco Nuclear Power Plant.
- ° IAEA General Principles for Reactor Safety - Briefing by Dr. H. J. Kouts regarding proposed IAEA General Principles for Reactor Safety.
- ° Generic Issues - Discuss proposed ACRS comments/recommendation regarding the effectiveness of the NRC Staff process to deal with generic issues and unresolved safety issues.
- ° Fitness for Duty (Tentative) - Discuss proposed NRC Fitness for Duty Rule.
- ° Technical Training and Qualification Program for NRC Technical Personnel - Briefing by AEOD/PERS representatives regarding proposed changes in NRC training and qualification program for technical personnel.
- ° Human Factors Research Program (Tentative) - ACRS comments requested regarding proposed research program.
- ° Meeting with Director, NRR (Open) - Discuss items of mutual interest.

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- ° Training and Qualification of Reactor Operators - ACRS comments requested on proposed policy statement regarding nuclear power plant operators.
- ° Advanced Reactors - Review proposed key design features for advanced gas cooled and liquid metal cooled nuclear power plants.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. Kerr".

W. Kerr
Chairman