



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

December 11, 1987

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

Dear Chairman Zech:

SUBJECT: THREE HUNDRED AND THIRTY-SECOND MEETING OF THE ADVISORY
COMMITTEE ON REACTOR SAFEGUARDS, DECEMBER 3-4, 1987

The Advisory Committee on Reactor Safeguards held its 332nd meeting in Washington, D.C. on December 3-4, 1987. A summary of actions is presented below:

ACRS REPORTS/RECOMMENDATIONS

The Committee prepared a report providing ACRS Comments on the Memorandum from V. Stello, EDO, Dated October 7, 1987 Regarding the Embrittlement of Structural Steel. (Report to the Executive Director for Operations dated 12/8/87)

The Committee prepared a report providing ACRS Comments on the Revised ASB 3-1 of Standard Review Plan 3.6.1, Requirements for Arbitrarily Postulated Jet Impingement Effects in the Break Exclusion Zone. (Report to the Executive Director for Operations dated 12/8/87)

Copies of the reports noted above have been sent to you.

OTHER ACTIONS, AGREEMENTS, ASSIGNMENTS AND REQUESTS

The NRC Staff briefed the Committee on the efforts of an NRC panel established to coordinate the Staff review of the Philadelphia Electric Company's organizational changes in management as a condition for restart of the Peach Bottom Nuclear Plant. The Committee expressed interest in additional information regarding the criteria that the NRC will use to judge the effectiveness of licensee management.

The Committee discussed future ACRS actions concerning its review of TVA management changes and the restart of TVA nuclear power plants. It was agreed that the Committee will continue its discussion of this matter during the ACRS February meeting. A subcommittee meeting is also being scheduled.

The NRC Staff briefed the Committee on the status of the proposed implementation plan for the Safety Goal Policy Statement. The final

draft of the plan is expected to be issued in late January. The Committee will continue its review of the plan after receipt of the NRC Staff final draft.

The Director of the Office of Nuclear Regulatory Research briefed the Committee on current activities of the Office, particularly the establishment of an NAS expert review committee to advise the Director, RES, and on the possible impact of budget reductions.

The Committee agreed to defer the preparation of comments on instrument air systems until after the NRC Staff has prioritized this generic issue.

The Committee agreed to continue consideration of comments on the proposed resolution of USI A-47, "Safety Implications of Control Systems," during its January meeting.

Representatives from the EPRI ALWR Utility Steering Committee briefed the Committee on the Steering Committee's efforts to develop a licensing requirements document for advanced light water reactors. There was not sufficient time to discuss the passive reactor concept for smaller plants that is being developed. The representatives from EPRI agreed to return and to discuss the passive safety system concept. This session has been scheduled for the ACRS February meeting.

The NRC Staff briefed the Committee on the Staff's proposed response to the ACRS letter of December 17, 1986, regarding concerns about the performance of BWR Mark I containments. The NRC Staff plans to issue an interim report with recommendations by April 30, 1988. The ACRS plans to review the NRC Staff report when received.

Election of Officers. The Committee elected Dr. Kerr and Dr. Remick as Chairman and Vice-Chairman, respectively, for CY 1988.

The Committee agreed that the request by Pacific Gas and Electric Company for a one-year delay in the completion of the Diablo Canyon Long Term Seismic Program is acceptable.

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

- ° Decay Heat Removal Systems, November 17, 1987 - To discuss (1) the decision by Toledo Edison not to install a dedicated blowdown system at Davis Besse, (2) implications of secondary side water level control in B&W once-through-steam generators vis-a-vis operator actions in accident situations, and (3) implications of the Diablo Canyon loss of shutdown cooling event vis-a-vis lack of steam generator water box vents.

- ° Thermal Hydraulic Phenomena, November 18-19, 1987 - To review key elements of the NRC Five-Year Thermal Hydraulic Research Program and to discuss the status of NRC action on a potentially unanalyzed large break LOCA scenario.
- ° Quality and Quality Assurance in Design and Construction, November 24, 1987 - To review QA experience in Readiness Reviews.
- ° Safety Philosophy, Technology and Criteria, December 2, 1987 - To discuss the NRC Staff proposed implementation plan for the Safety Goal Policy Statement and proposed final resolution for USI A-17 (Systems Interaction).

FUTURE AGENDA

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

- ° Advanced Boiling Water Reactor - Briefing regarding design features of GE proposed advanced BWR.
- ° Operating Experience at Nuclear Facilities - Briefing and discussion of recent operating incidents.
- ° Equipment Qualification - Briefing and discussion regarding proposed equipment qualification program for nuclear power plants.
- ° Leak-Before-Break Requirements - Briefing and discussion regarding proposed final revision of 3.6.3 of the NRC Standard Review Plan, Leak-Before-Break Evaluation Procedures.
- ° Nuclear Industry Initiatives - Briefing by representatives of the nuclear industry regarding industry initiatives to improve the operation and regulation of reactors.
- ° AEOD Activities - Discussion regarding items of mutual interest regarding activities of the NRC Office for Analysis and Evaluation of Operational Data.
- ° Safety Implications of Control Systems - Discuss proposed ACRS comments/recommendations regarding proposed NRC Staff resolution of this unresolved safety issue (USI A-47).
- ° Seismic Design Criteria - Briefing and discussion regarding proposed NRC final resolution of this unresolved safety issue (USI A-40).

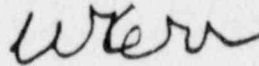
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- ° Renewal of Nuclear Power Plant Licenses - Briefing and discussion of proposed NRC policy statement regarding renewal of nuclear power plant licenses.

Sincerely,

A handwritten signature in dark ink, appearing to read 'W. Kerr', written in a cursive style.

William Kerr
Chairman