



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

SL-0305
PDR 11/3/85

December 20, 1984

Honorable Nunzio J. Palladino
Chairman
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Dr. Palladino:

SUBJECT: TWO-HUNDRED NINETY-SIXTH MEETING OF THE ADVISORY COMMITTEE ON
REACTOR SAFEGUARDS

296th ACRS Meeting

The Committee met with representatives of the NRC Staff and the Public Service Electric and Gas Company (the Applicant), acting on behalf of itself and acting as agent for the Atlantic City Electric Company, to review the application for an Operating License for the Hope Creek Generating Station, Unit 1. A report on this matter has been sent to you.

The Committee discussed the request by F. P. Gillespie, Director, Division of Risk Analysis and Operations, Office of Nuclear Regulatory Research, for clarification of ACRS Congressional Testimony relating to the proposed rule to limit the use of highly enriched uranium in research and test reactors. A reply to this request has been sent to F. P. Gillespie. A copy has been sent to you.

The Committee discussed the fact that Regulatory Guide 1.52 on design, testing, and maintenance for post-accident HVAC systems does not cover the full range of problems involved, nor does it provide adequate coverage of the specific issues associated with control rooms. The Committee's comments on this subject have been provided to the Executive Director for Operations. A copy has been sent to you.

The Committee was briefed by representatives of the NRC Staff on the recommendations of the Fire Protection Policy Steering Committee on fire protection in nuclear power plants.

The Committee met with representatives of the NRC Staff to discuss the results of the two-year trial use of quantitative safety goals.

The Committee selected D. A. Ward and H. W. Lewis as its Chairman and Vice Chairman, respectively, for CY 1985.

Subcommittee Activities

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

- Metal Components, in Washington, D.C. on November 8-9, 1984 to review a draft report entitled, "Report of the U.S. Nuclear Regulatory

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Commission Piping Review Committee, Vol. III: Evaluation of Potential for Pipe Breaks," NUREG-1061, Vol. III, dated September 1984; to discuss degraded bolting; and to review the RES materials and metallurgy program and budget

- Combined Reactor Operations/Reliability and Probabilistic Assessment, in Washington, D.C. on November 14, 1984 to discuss the current status of work related to steam generator overfill and systems interaction, and of the NRC Staff's work on the generic issue related to "piping and use of highly combustible gases in vital areas"

- San Onofre Unit 1, in Washington, D.C. on November 26, 1984 to discuss the NRC Staff's review of the seismic upgrade of the San Onofre Nuclear Generating Station Unit 1

- Hope Creek Generating Station Unit 1, in Philadelphia, PA on November 28-29, 1984 to review the operating license application of the Public Service Electric and Gas Company for the Hope Creek Generating Station

- Emergency Core Cooling Systems in Washington, D.C. on November 28-29, 1984 to review: (1) NRC's thermal-hydraulic research programs, (2) the Yankee Atomic Electric Company's request for an exemption to Appendix K to 10 CFR 50.46, (3) analysis work performed on behalf of NRR as part of the ATWS resolution effort, (4) the Westinghouse Owners Group Steam Generator Tube Rupture Program, (5) the NRR review of Westinghouse and Exxon Nuclear Corporation Evaluation Models for Westinghouse upper plenum injection plants, and (6) the status of resolution efforts for USI A-43, "Containment Emergency Sump Performance," and the development of associated Regulatory Guide 1.82

- Air Systems, in Washington, D.C. on November 29, 1984 to review the report of the NRC Working Group on Control Room Habitability

- Combined Reactor Radiological Effects and Waste Management, in Washington, D.C. on November 30 and December 1, 1984 to review research programs in the areas of: chemical engineering (process control), occupational radiation protection, high- and low-level waste management, emergency planning, health effects, and meteorology and hydrology

- Combined GESSAR II/Reliability and Probabilistic Assessment, in Los Angeles, CA on December 4-5, 1984 to review the General Electric Standard Safety Analysis Report to extend the Final Design Approval so that it will be applicable to future plants

- Human Factors, in Washington, D.C. on December 11, 1984 to review the status of Human Factors Research and the results of the NRR Human Factors Program Plan

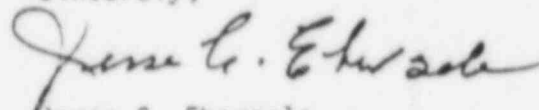
- Safety Philosophy, Technology, and Criteria, in Washington, D.C. on December 12, 1984 to discuss the NRC Staff's draft report on the results of the two-year trial use period for the proposed safety goals

Future Agenda

The following items are tentatively scheduled for consideration during the 297th ACRS meeting, January 10-12, 1985:

- Regulatory Guide 1.28, Rev. 3, Quality Assurance Program Requirements (Design and Construction)--ACRS comments
- Rulemaking regarding 10 CFR 50.47, Emergency Preparedness and Appendix E, Consideration of seismic events and tornadoes--ACRS comments
- Backfitting Requirements--ACRS comments regarding proposed NRC backfitting requirements for nuclear power plants
- Discuss proposed ACRS report to the U.S. Congress on the NRC Safety Research Program and Budget for FY 1986-87
- Discuss recent events at operating reactors--ACRS comments
- Chilled water systems in nuclear plants--ACRS comments regarding the basis for design, construction, and operation of chilled water systems in nuclear plants
- Meeting with the Director, NMSS--Briefing regarding NMSS activities
- Briefing by IE regarding its Vendor Inspection Program
- Fire Protection Task Force Report (tentative)--ACRS comments
- Meeting with NRC Commissioners (tentative)--Topics to be determined

Sincerely,



Jesse C. Ebersole
Chairman