



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

58-0312
PDR 113185

July 29, 1985

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

Dear Dr. Palladino:

SUBJECT: THREE HUNDRED THIRD MEETING OF THE ADVISORY COMMITTEE ON
REACTOR SAFEGUARDS, JULY 11-13, 1985

The Committee met with representatives of the NRC Staff to discuss the NRC draft Safety Goal Evaluation Report dated April 1985.

The Committee discussed present requirements for provisions in nuclear power plants for protection against sabotage.

The Committee met with representatives of the NRC Staff and the Pacific Gas and Electric Company (PG&E) to review the Long Term Seismic Program (LTSP) submitted by PG&E for the Diablo Canyon Power Plant.

The Committee met with representatives of the NRC Staff to discuss the proposed "Environmental Radiation Protection Standards for the Management and Disposal of Spent Nuclear Fuel, High-Level and Transuranic Radioactive Wastes" (10 CFR 191), being developed by the U.S. Environmental Protection Agency.

The Committee discussed the proposed rule on "Emergency Preparedness for Fuel Cycle and Other Radioactive Material Licensees" (10 CFR 30, 40, and 70).

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

The Committee met with representatives of the NRC Staff to discuss the report, "Survey of Licensee Control Room Habitability Practices" (NUREG/CR-4191).

The Committee discussed the progress made on two RES projects at PNL, SAFT-UT and acoustic emission (AE), on primary coolant system defect evaluation, and commented on their continued funding.

The Committee's comments on the subjects noted above have been provided to the Executive Director for Operations. Copies have been sent to you.

The Committee took note of a new format being used by the NRC Staff in the investigation of a recent loss of feedwater incident at the Davis-Besse Nuclear Power Station. The Committee has provided comments to you regarding this matter.

DESIGNATED ORIGINAL

8511040398 850729
PDR ACRS
SL-0312

PDR

Certified By

BGR

The Committee was briefed by representatives of the Office of Inspection and Enforcement and the Office of Nuclear Reactor Regulation regarding recent operating occurrences at nuclear power plants, including a loss of all main feedwater and auxiliary feedwater at the Davis-Besse Nuclear Power Station, a stuck open safety relief valve at Edwin I. Hatch Nuclear Plant, Unit 1, uncontrolled leakage of reactor coolant outside containment due to scram discharge volume isolation valves failure at the Oyster Creek Nuclear Plant, a reactor coolant system high point vent leak at the Rancho Seco Nuclear Plant, and improper use of a test instrument and resultant reactor trip at the Sequoyah Nuclear Plant, Unit 2.

The Committee met with representatives of the NRC Staff, the Brookhaven National Laboratory, and the General Electric Company (GE) to continue review of the application of GE for a forward-looking Final Design Approval for the GESSAR II design.

The Committee was briefed by representatives of the NRC Staff and its consultant, Brookhaven National Laboratory, regarding a steam line rupture at the nonnuclear Mohave Generating Station in Laughlin, Nevada.

The Committee met with representatives of the NRC Staff and TVA to follow up the ACRS operating license report on the Watts Bar Nuclear Plant, Unit 1, issued August 16, 1982, regarding the quality assurance efforts at Watts Bar including the independent review conducted by Black & Veatch Engineers.

The Committee met with the Commissioners to discuss consideration of seismic events in emergency planning and evaluation of proposed quantitative safety goals for nuclear power plants.

Subcommittee Activities

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

- Emergency Core Cooling Systems, in Alliance, Ohio on June 12-13, 1985 to continue the review of the joint NRC/B&WOG/EPRI/B&W joint Integral Systems Test Program
- Air Systems, in Washington, D.C. on June 17, 1985 to review the NRC Staff's Supplement to the Control Room Habitability Working Group Report - June 1984 and to review the Staff's final report on "Safety Implications Associated with In-Plant Pressurized Gas Storage and Distribution Systems in Nuclear Power Plants"
- Maintenance Practices and Procedures, in Washington, D.C. on June 18, 1985 to review the maintenance and surveillance program plan
- Joint Human Factors and Maintenance Practices and Procedures, in Washington, D.C. on June 18, 1985 to explore the use of natural aptitude selection procedures, tests, and evaluations
- Joint Waste Management and Site Evaluation, in Washington, D.C. on June 18-19, 1985 to review (1) EPA Standards for the HLW

Repository, and (2) the proposed Rule on Emergency Preparedness for Fuel Cycle and Other Radioactive Material Licensees

- Systematic Evaluation Program (San Onofre), in Washington, D.C. on June 19, 1985 to review the Integrated Plant Safety Analysis Report (IPSAR) for San Onofre Nuclear Generating Station, Unit 1
- Human Factors, in Washington, D.C. on June 20, 1985 to discuss the requalification program for nuclear power plant operators
- Quality and Quality Assurance in Design and Construction at the Watts Bar Nuclear Station, in Washington, D.C. on June 26, 1985 to discuss the Black & Veatch independent review of the auxiliary feedwater system at Watts Bar and the Independent Design Policy Group and NSRS evaluations of those reports as well as recent allegations concerning construction and design at Watts Bar
- Reactor Operations, in Washington, D.C. on July 9, 1985 to discuss recent operating occurrences at nuclear power plants
- Long-Range Plan for NRC, in Washington, D.C. on July 10-11, 1985 to discuss issues related to the regulation of nuclear power plant safety and safety regulation over the next 5 to 10 years
- Diablo Canyon, in Washington, D.C. on July 10, 1985 to review the NRC Staff's safety evaluation of PG&E's long term seismic program plan for Diablo Canyon
- Safety Philosophy, Technology and Criteria, in Washington, D.C. on July 10, 1985 to continue review of the NRC's evaluation of the proposed Safety Goal Policy requirements

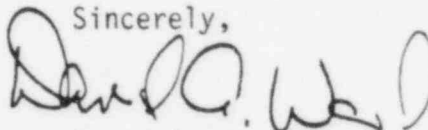
Future Agenda

The following items are tentatively scheduled for consideration during the 304th ACRS meeting, August 8-10, 1985:

- San Onofre Nuclear Generating Station, Unit 1 -- SEP review, ACRS comments
- GESSAR II -- Continue ACRS review regarding the FDA for this standardized nuclear plant
- USI-A-46, Seismic Qualification of Equipment in Operating Plants -- ACRS comments
- Maintenance and Surveillance Program Plan -- ACRS comments
- Probabilistic Risk Assessment - Discuss proposed ACRS comments regarding implementation of the PRA for the Indian Point Nuclear Plant and other nuclear facilities

- Long Range NRC Plan - ACRS comments on proposed plan outline
- Vogtle Nuclear Plant, Units 1 and 2 -- OL review, ACRS comments
- ACRS participation in NRC regulation of the DOE program for radioactive waste management and disposal - ACRS comments

Sincerely,

A handwritten signature in dark ink, appearing to read "David A. Ward". The signature is fluid and cursive, with the first name "David" being the most prominent.

David A. Ward
Chairman