



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

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September 22, 1980

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Honorable John F. Ahearne
Chairman
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: TWO-HUNDRED-FORTY-FIFTH MEETING OF THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS, SEPTEMBER 4-6, 1980

Dear Dr. Ahearne:

The Advisory Committee on Reactor Safeguards held its 245th meeting in Washington, DC on September 4-6, 1980. Items considered at this meeting are summarized below:

The Committee met with members of the NRC Staff to discuss problems regarding the hydraulic scram systems in boiling water reactors. The Committee plans to consider this matter further during its 246th meeting (October 9-11, 1980).

The Committee met with members of the NRC Staff and representatives of the Tennessee Valley Authority to discuss design features of the Sequoyah Nuclear Power Plant Units 1 and 2 related to the plant capability to deal with large quantities of hydrogen resulting from postulated accidents with extensive core damage.

In addition to its report on the Sequoyah Nuclear Plant, the Committee also sent you additional ACRS comments on Hydrogen Control and Improvement of Containment Capability.

The Committee met with members of the NRC Staff to discuss the proposed amendment to ECCS evaluation models, NUREG-0630, Cladding Swelling and Rupture Models for LOCA Analysis. The Committee's comments on this document were sent to the Acting Executive Director for Operations.

The Committee discussed its proposed report to the Commission on Quantitative Risk Criteria. Additional work is scheduled on this matter during the 246th ACRS Meeting.

The Committee endorsed a letter to Mr. M. P. Oncavage, an intervenor in the proceeding regarding the Turkey Point Nuclear Power Plant, informing him that the Committee believes that there is no need to reopen the formal ACRS review of the steam generator problems at the Turkey Point plant.

The Committee recommended two candidates for consideration by the Commission for appointment to fill the current vacancy on the ACRS.

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

- Fluid Dynamics, in Los Angeles, CA on August 19-20, 1980
- Reactor Fuel, in Idaho Falls, ID on August 21, 1980
- Class-9 Accidents, in Washington, DC on August 28, 1980
- Structural Engineering, in Washington, DC on September 2, 1980
- Safety Philosophy, Technology, and Criteria, in Washington, DC on September 3, 1980
- Reactor Fuel, in Washington, DC on September 3, 1980

The following items are tentatively scheduled for consideration during the 246th ACRS Meeting, October 9-11, 1980:

- Quantitative Risk Criteria -- ACRS Report to NRC
- Proposed Plan to Update NRC Regulations and Compare Operating Plants with the Revised Regulatory Criteria (Bingham Amendment)
- Proposed NRC Fire Protection Rule -- ACRS Report to NRC
- BWR Hydraulic Scram System Performance -- ACRS Report to NRC
- Seismic Design of Auxiliary Feedwater Systems -- Seismic Qualification/Performance During/Following Seismic Events
- Factoring of Quantitative Risk Estimates into Seismic Safety Evaluation
- Meeting with Governor B. Babbitt, Chairman, Nuclear Safety Oversight Committee -- ACRS Role in the Regulatory Process
- Nuclear Data Link -- Proposed NRC Plans for Development of a Nuclear Data Link System
- Meeting with NRC Commissioners (tentative)
 - Resolution of ACRS Comments on Unresolved Safety Issues
 - Proposed Budget for FY 1982 Reactor Safety Research Program
 - Anticipated Transients Without Scram

Honorable John F. Ahearne

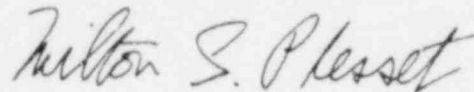
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September 22, 1980

NRC Staff use of Probabilistic Assessment in Selected Cases

Coordination/Integration of Program for Ultimate Disposal of Radioactive
Wastes with Programs for Disposal of Other Toxic Substances.

Sincerely yours,

A handwritten signature in cursive script that reads "Milton S. Plesset". The signature is written in dark ink and is centered on the page.

Milton S. Plesset
Chairman