



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

PDR 4/9/93

January 27, 1993

MEMORANDUM FOR: James M. Taylor  
Executive Director for Operations

ATTN: J. Blaha, EDO

FROM: John T. Larkins, Acting  
Executive Director, ACRS

SUBJECT: 392ND ACRS MEETING FOLLOW-UP ITEMS

This memorandum is provided for follow-up action consistent with the Action, Agreements, Requests, and Commitments made during the 392nd ACRS Meeting, December 9-11, 1992.

John T. Larkins, Acting  
Executive Director, ACRS

cc: w/attachment:

E. L. Jordan, AEOD  
R. M. Bernero, NMSS  
T. E. Murley, NRR  
E. S. Beckjord, RES  
S. Chilk, SECY  
J. Johnson, OCM/IS  
J. Scarborough, OCM/KR  
D. Trimble, OCM/JC  
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SUMMARY OF  
ACTIONS, AGREEMENTS, REQUESTS, AND COMMITMENTS  
392ND ACRS MEETING  
DECEMBER 9-11, 1992

During its 392nd meeting, December 9-11, 1992, the Advisory Committee on Reactor Safeguards discussed several matters and completed the Reports, Letter, and Memoranda as noted.

Reports

- NRC Staff Response to the Petition Submitted by Richard Grill for Rulemaking on Electrical Transients, PRM-50-56 (Report to Ivan Selin, NRC Chairman, from Paul Shewmon, ACRS Chairman, dated December 17, 1992)
- Resolution of Generic Safety Issue B-56, "Diesel Generator Reliability" (Report to Ivan Selin, NRC Chairman, from Paul Shewmon, ACRS Chairman, dated December 18, 1992)

Letter

- Letter to Mr. Alex Marion, Nuclear Management and Resources Council, from Raymond F. Fraley, Executive Director, ACRS, dated December 18, 1992, requesting information regarding diesel generator performance data.

Memoranda

- Task Action Plan for Generic Issue I.D.3, "Safety System Status Monitoring" (Memorandum for Warren Minners, Director, Division of Safety Issue Resolution, Office of Nuclear Regulatory Research, from Raymond F. Fraley, Executive Director, ACRS, dated December 18, 1992)
- Proposed Amendments to 10 CFR Parts 50 and 52 Related to the Training and Qualification of Nuclear Power Plant Personnel (Memorandum for James M. Taylor, Executive Director for Operations, from Raymond F. Fraley, Executive Director, ACRS, dated December 18, 1992)
- Proposed Final Amendment to 10 CFR Part 72 to Add Two Spent Fuel Storage Casks to the List in 10 CFR 72.214 (Memorandum for Eric S. Beckjord, Director, Office of Nuclear Regulatory Research, from Raymond F. Fraley, Executive Director, ACRS, dated December 18, 1992)
- Proposed Modifications to Fitness-For-Duty Program Requirements (Memorandum for James M. Taylor, Executive Director for Operations, from Raymond F. Fraley, Executive Director, ACRS, dated December 22, 1992)
- Appointment of ACRS Members (Memorandum for Ivan Selin, NRC Chairman, from Raymond F. Fraley, Executive Director, ACRS, dated December 16, 1992)

ANTICIPATED ACRS ACTIVITIES

The Committee agreed to discuss the following during its 392nd meeting, January 7-9, 1993:

- Performance Indicator Report - The NRC staff will brief the Committee on proposed revisions to the NRC performance indicator report. A discussion will follow. Representatives of the nuclear industry will participate, as appropriate.
- Key Policy Issues for Advanced Reactor Designs - The Committee will review and report on key policy issues applicable to MHTGR, PIUS, PRISM, and CANDU 3 advanced reactor designs. Representatives of the nuclear industry will participate, as appropriate.
- Replacement of Analog Instrumentation with Digital Instrumentation - The NRC staff will brief the Committee on its proposed generic letter on the replacement of analog instrumentation with digital instrumentation in operating plants. A discussion will follow. Representatives of the nuclear industry will participate, as appropriate.
- Annual Report to the U. S. Congress on the NRC Safety Research Program and Budget - The Committee will discuss its annual report to Congress on the NRC safety research program and budget.
- Reactor Operating Experience - The NRC staff will brief the Committee on reactor operating events and occurrences, including an incident at the Barseback Nuclear Plant in Sweden, which involved the dislodging of thermal insulation material inside the containment, resulting in partial clogging of two of five emergency core cooling system strainers. A discussion will follow. Representatives of the nuclear industry will participate, as appropriate.
- ACRS Subcommittee Activities - The Committee will hear and discuss reports of designated subcommittees regarding the status of assigned activities, including the conduct of ACRS business by the Planning and Procedures Subcommittee. The NRC staff will participate, as appropriate.
- Future ACRS Activities - The Committee will discuss topics proposed for consideration by the full Committee.
- Reconciliation of ACRS Comments and Recommendations - The Committee will discuss replies from the NRC staff regarding staff reaction to recent recommendations of the Committee.
- Generic Issue 120, "Online Testability of Protection Systems" - The Committee will complete its review of and report on the proposed resolution of this generic issue. Representatives of the NRC staff and the nuclear industry will participate, as appropriate.
- NRC Procedures for Incident Investigation - The Committee will discuss an NRC staff proposal for changing the existing procedures for the NRC

investigation of incidents at licensed facilities. The NRC staff will participate, as appropriate.

- Miscellaneous - The Committee will discuss miscellaneous matters related to the conduct of Committee activities and complete its discussion of topics that were not completed during previous meetings as time and availability of information permit.

#### Election of ACRS Officers

Results of the election of Committee officers for Calendar Year 1993 are as follows:

Chairman - Dr. Shewmon

(Note: The ACRS Bylaws require that another election be held within two months of the time that Dr. Shewmon's term expires on May 31, 1993, to elect a new Chairman.)

Vice Chairman - Dr. Wilkins

Member at Large - Mr. Carroll

#### Reconciliation of ACRS Comments and Recommendations

A letter from Mr. James M. Taylor dated December 2, 1992, that responded to the Committee's report of October 16, 1992, on SECY-92-287, "Form and Content for a Design Certification Rule," was scheduled for Committee discussion at this meeting. However, because there was not enough time, this matter was not discussed but was rescheduled for the January 1993 ACRS meeting.

#### SUMMARY/LIST OF FOLLOW-UP AND OTHER MATTERS

- Dr. Catton, ACRS Member, requested a copy of the relevant document(s) pertaining to the configuration and associated instrumentation package being used for tests at the ROSA facility. (Mr. Boehnert is the cognizant engineer on this matter.)

(Note: RES has contacted this office and will provide a report in response to this request.)

- Mr. Eric S. Beckjord, Director, Office of Nuclear Regulatory Research (RES) offered to brief the Committee in the near future on details on aging matters affecting license renewal of plants. (Mr. Boehnert is the cognizant engineer on this matter.)
- Dr. Catton noted that a problem with electrical cable insulation may be that gasses emitted when they are burned are toxic. Mr. Beckjord offered to look into this issue and determine what action RES has already taken on this matter. (Mr. Boehnert is the cognizant engineer on this matter.)
- Mr. Michelson, ACRS member, noted that it is the view of the ACRS'

Subcommittee on the GE ABWR that the remaining FSER chapters and other items that are needed by the Subcommittee must be reasonably well completed and provided to the Committee during the March 1993 ACRS meeting in order for the Committee to be able to issue its final report in June 1993. (Dr. El-Zeftawy is the cognizant engineer on this matter.)

- The Committee was not satisfied with the NRC staff's closure package for Generic Issue-120, "Online Testability of Protection Systems," and asked the staff to provide more information on this matter for discussion at the January 7-9, 1993 ACRS meeting. (Mr. Coe is the cognizant engineer on this matter.)

(Note: Discussion of this matter was completed during the January 1993 ACRS meeting.)