



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

ACRSK-1386  
PDR

February 15, 1990

The Honorable Kenneth M. Carr  
Chairman  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Chairman Carr:

SUBJECT: ACRS REVIEW AND EVALUATION OF NUCLEAR POWER PLANT  
OPERATING EXPERIENCE

In your letter dated January 12, 1990, you requested a report discussing ACRS reevaluation of the Committee's role in the review and evaluation of nuclear power plant operating experience.

During our January 11-12, 1990 meeting, we reviewed the existing ACRS subcommittee structure with particular emphasis on identifying issues requiring increased ACRS involvement. Several new subcommittees were established and the scopes of some existing subcommittees were modified to reflect the Committee's perception of its future activities.

Attached is a list of the current and recently disbanded ACRS subcommittees. You will note that many of the subcommittees are involved with some facet of plant operating experience as part of their charters. Five subcommittees have specific assignments for review of operating experience:

- o A Plant Operations Subcommittee was established to act as the lead subcommittee in the area of plant operating experience. This subcommittee will review selected nuclear power plant operating events and the short-term actions associated with these events, including interfacing with the NRR Division of Operational Events Assessment. The subcommittee will consider, as appropriate, activities such as the LER, SALP, Diagnostic Evaluation Team, AIT, and IIT processes; operational quality; operator performance; and Technical Specification issues.

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- o A Systematic Assessment of Experience Subcommittee has the responsibility for the long-term and generic implications of operating experience, including interfacing with AEOD and INPO on activities regarding long-range assessment of operating experience, reviewing lessons learned from AIT and IIT reports, comparing PRA input/results to actual operating experience, and reviewing the development of operational performance indicators.
- o An Adopted Plants Activities Subcommittee was established to handle procedural and resource issues and member assignments associated with the ACRS adopted plants program. This program, which was established in 1987, involves the assignment of a number of operating plants to each ACRS member. The member receives licensing and inspection correspondence and SALP reports on his plants, visits the plants as appropriate, and reports items of interest to the ACRS.
- o An International Activities Subcommittee was established to coordinate all activities on foreign reactors and interface with AEOD and GPA on international activities. Subcommittee responsibilities include the review and evaluation of foreign nuclear power plant operating experience.
- o The Regional Activities Subcommittee meets periodically with each Regional Administrator and his staff to review the various inspection and enforcement programs in the Regions. A complete round of these meetings has taken place and a second round will commence this year.

In addition to these subcommittee activities, the ACRS staff receives and reviews Weekly Information Reports; NRC bulletins, notices, and generic letters; AEOD reports; performance indicator reports; preliminary notifications; the monthly compilation of LERs; and Headquarters and Regional Office daily reports. Committee members receive certain of this information depending on their interests. This information provides input to the Committee's process for establishing subcommittee work assignments and requesting staff briefings on operating experience issues.

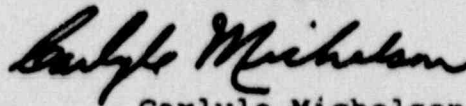
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In summary, we believe that ACRS has the appropriate mechanisms in place to review and evaluate U.S. and foreign nuclear plant operating experience and to advise the Commission in this important area.

Sincerely,

A handwritten signature in cursive script that reads "Carlyle Michelson".

Carlyle Michelson  
Chairman

Attachment:  
List of Current and Recently  
Disbanded ACRS Subcommittees



LIST OF CURRENT AND RECENTLY DISBANDED  
ACRS SUBCOMMITTEESNEW SUBCOMMITTEES

Adopted Plants Activities  
Defueling/Fuel Pool Storage  
International Activities  
Plant License Renewal  
Plant Operations  
TVA Plant Licensing/Restart

PREVIOUSLY ESTABLISHED SUBCOMMITTEES

Comanche Peak Units 1 & 2  
Computers in Nuclear Power Plant Operations  
Seabrook Nuclear Plant Unit 1  
AC/DC Power Systems Reliability  
Advanced BWRs (GE)  
Advanced PWRs (W & CE)  
Advanced Reactor Designs  
Auxiliary & Secondary Systems  
Babcock & Wilcox Reactor Plants  
Containment Systems  
Core Performance  
Decay Heat Removal Systems  
Extreme External Phenomena  
FTOL Conversions  
General Electric Reactor Plants  
Generic Items  
Human Factors  
Improved LWRs  
Instrumentation and Control Systems  
Integrated Safety Assessment Program  
Maintenance Practices and Procedures  
Materials & Metallurgy  
Mechanical Components  
Naval Reactors  
Non-Power Reactors  
Occupational and Environmental Protection Systems  
Planning and Procedures  
Probabilistic Risk Assessment  
Quality and Quality Assurance in Design and Construction  
Regional Programs  
Regulatory Activities  
Regulatory Policies and Practices  
Reliability Assurance  
Safeguards and Security  
Safety Philosophy, Technology and Criteria

Safety Research Program  
Severe Accidents  
Structural Engineering  
Systematic Assessment of Experience  
Thermal Hydraulic Phenomena  
Westinghouse and Combustion Engineering Reactor Plants

SUBCOMMITTEES WHICH HAVE RECENTLY BEEN DISBANDED

(Tasks have been absorbed into either new or other previously established subcommittees)

Bellefonte Plant Units 1 & 2  
Limerick Unit 2  
Watts Bar Units 1 & 2  
ACRS Bylaws  
Consideration of International Operating Experiences  
Member Nominations  
On-Site Fuel Storage  
Plant Operating Procedures