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MINUTES OF THE
SAFETY PHILOSOPHY & CRITERIA SUBCOMMITTEE
AUGUST 6, 1980
WASHINGTON, DC

The ACRS Subcommittee on Safety Philosophy and Criteria met on August 6, 1980 to discuss the progress made on the development of requirements for NTCP plants and to hear a presentation on the proposed Office of Policy Evaluation plan for developing safety goals. The notice of this meeting was published in the Federal Register on July 22, 1980. A copy of this notice is included as Attachment A. The schedule for this meeting is included as Attachment B and a list of attendees is included as Attachment C. The materials provided to the Subcommittee at this meeting are in the ACRS file. No oral statements were given by members of the public nor were there any request for time to give oral statements. A written statement was received from Offshore Power Systems. A copy of this statement is included as Attachment D. A transcript was kept of the Subcommittee proceedings. The entire meeting was held in open session. The ACRS members in attendance were Dr. D. Okrent, Subcommittee Chairman and Mr. J. Ebersole. The Designated Federal Employee for this was Dr. R. Savio.

Status Report on the Development of NTCP Requirements - W. Kane, NRC Staff

Mr. Kane summarized the status of this effort. The effort was begun in March 1980 with the formation of the NRR Task Force to develop proposed TMI related requirements for NTCP and ML applications. The Staff met with the TMI Implications Subcommittee on April 9, 1980 and with the full Committee on May 2, 1980. The ACRS recommendations were received in a letter of May 6, 1980. The NRC recommendations were submitted to the Commissioners on July 28, 1980 via the SECY-80-348. The Staff has recommended that construction permit licensing be resumed using the pre-TMI construction permit requirements, argued by the requirements identified in the Commission's June 16, 1980 Statement of Policy regarding operating license and required that additional measures be taken in the areas that will be subjected to rulemaking. CP applicants will be required to assess their plans in the transition of siting

policy established in SECY-80-153 and NUREG-0625 and the interim rule on degraded cores. The interim rule is expected to be issued by mid August. The applicants will be required to submit their evaluations of additional features, both preventive and mitigative, which they propose to include at their facilities that will have the potential for significant risk reduction. The applicants will also be required to submit a discussion of their preliminary plan for conforming to the amended emergency preparedness rule and to perform simplified systems reliability analysis for subcriticality systems, emergency feedwater systems/reactor core isolation cooling systems, ECCS injection and recirculations systems, shutdown cooling systems, containment cooling and spray systems, safety features actuation systems and the auxiliary systems upon which these systems depend. The proposed policy will be described in a NUREG document and issued for public comment. It is expected that this will be published by mid August. A period of 45 days will be allowed for public comment. It was proposed that the NRC Staff meet again with the Subcommittee at the completion of the period for public comment. The NTCP Owners Group has currently abandoned their plans for developing a position for discussion with the Subcommittee. It is expected that the Owners Group members will comment on the NRC proposal. The Subcommittee requested that, if possible, the Owners Group consultants report and the individual members proposals be discussed at the next Subcommittee meeting on NTCP requirements.

Proposed Plan for Developing a Safety Goal by G. Sege, NRC-PE

Mr. Sege discussed the Office of Policy Evaluation's proposed plan for developing a safety goal. The objective will be to develop an explicit expression of policy with respect to the fundamental issues of public health and safety and the level of protection that the Commission believes would be adequate in nuclear power plant licensing. The policy developed would include some general approach to risk acceptability, safety-cost tradeoffs, quantitative safety goals, safety improvement goals, and standards for backfitting. It is proposed that background studies should be conducted of practices in other agencies which deal with the public safety, the approaches of other industrialized countries, and on the social acceptance of risk and variation of risk acceptance. These studies will be used as a

background for development of the policy. The process of the policy development would have the benefit of NRC, Industry, and public interest group comments and would, under the proposed schedule, result in a preliminary policy of paper by the end of the year and the development of a final policy paper in about a year. The plan will be discussed with the Commissioners in the very near future and subsequently issued in its final form.

NOTE: For additional details, a complete transcript of the meeting is available in the NRC Public Document Room, 1717 H Street, N.W., Washington, DC 20555 or from Alderson Reporting Company, Inc., 300 7th Street, S.W., Reporters Building, Washington, D.C. 20024, (202/554-2345).

List of Documents Provided to Subcommittee on Safety Philosophy & Criteria - Aug 6

1. Status Report.
2. SECY 80-348

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS MEETING

Safety Philosophy
and Criteria

ATTENDEES PLEASE SIGN BELOW

PLEASE
PRINT

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