



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JAN 25 1978

MEMORANDUM FOR: R. C. DeYoung, Deputy Director  
Division of Project Management

FROM: Victor Stello, Jr., Director  
Division of Operating Reactors

SUBJECT: TASK ACTION PLAN A-17, "SYSTEMS INTERACTION IN  
NUCLEAR POWER PLANTS"

Your memorandum of January 6, 1978 requested our comments on a proposed alternative plan for accomplishing NRR Category A Technical Activity No. A-17.

As I discussed with you I am concerned with the approach of utilizing their services of a national laboratory to perform technical work required by A-17. Since the results of the laboratory work will have a direct impact on NRR licensing positions, we believe that NRR should retain the primary responsibility for directing and evaluating the laboratory work effort.

A meeting held at Nicholson Lane on January 18, 1978 to discuss SANDIA's approach for assisting the staff with A-17. This meeting reaffirms our position that technical assistance from outside organizations, which is intended to support or develop NRR licensing positions, must be under the technical direction of NRR. This meeting revealed a distinct difference in approach between OSD and the NRR members present with regard to direction of the SANDIA work efforts. Simply stated, the OSD reps desire a neatly defined paper study of potential systems interactive effects using the WASH 1400 computer techniques. NRR, on the other hand, is looking for direct involvement of SANDIA engineers which will include meetings with ORNL, A-E's, vendors, NRR engineers assigned to A-17, and ACRS members and staff, as necessary.

With respect to the conduct of this task, Hans Schierling of the Systematic Evaluation Branch has been designated as the DOR representative on the Systems Interaction Advisory Group.

Victor Stello, Jr., Director  
Division of Operating Reactors

cc: D. Eisenhut  
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