



UNITED STATES
NUCLEAR REGULATORY COMMISSION
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Central File

December 05, 1990

MEMORANDUM FOR: John W. Craig, Project Director
License Renewal Project Directorate
Division of Advanced Reactors
and Special Projects
Office of Nuclear Reactor Regulation

FROM: David T. Tang, Mechanical Engineer
License Renewal Project Directorate
Division of Advanced Reactors
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SUBJECT: SUMMARY OF TELECONFERENCE WITH NUMARC - COMMENTS/RESPONSES
RESOLUTION FOR PWR CONTAINMENT STRUCTURE INDUSTRY REPORT

On November 8, 1990, a teleconference was held between the staff and NUMARC and their consultants to continue to evaluate NUMARC's October 4, 1990 responses to the staff's comments on the subject Industry Report (IR). A total of 95 comments/responses were generated originally. In an earlier meeting on October 30, 1990, 38 comment/response items were reviewed. Since the meeting resulted in a more detailed framework for resolving staff's concerns in the areas such as effective programs and "IR process", the staff and NUMARC agreed to follow up the meeting with a teleconference after a revisit by the staff of the remaining 57 comment/response items. As a result, the teleconference discussed all 57 items with 51 of them reaching the status of agreement-in-principle (A.I.P.) and six remaining open for future discussion. Presently, out of all 95 comment/response items, only 14 (8 plus 6) remain open.

Enclosed is a list of the teleconference participants. The discussion started with the need for defining the "as-is" state of a plant, which can be established through a plant walkdown under the integrated plant assessment. It then proceeded with an item-by-item review in which the four principal staff reviewers/coordinators discussed the respective comments/responses of their cognizance. The concerns for six items that remain open are briefly summarized as follows:

General Comment

- G-7: An initial plant inspection/walkdown should be part of an integrated plant assessment to define the "as-is" state of a plant.
- S-10: Recommendations should be provided to address potential freeze-thaw damage in the dome region of concrete containments.
- S-42: A plant inspection/walkdown should be conducted to assess potential rebar corrosion resulting from chloride content in concrete.
- S-67: Synergistic effects of degradation mechanisms such as those related to high temperature and irradiation should be addressed.

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- S-68: Same concern as that for the open item G-3 of the previous meeting. Results of sensitivity evaluations and appropriate references should be included to substantiate the statement on bellow assemblies fatigue.
- S-70: Plant inspection/walkdown should form the basic ingredient of age-related degradation management programs.

The teleconference concluded after identifying the following action items:

- o NUMARC/EPPJ - Propose outlines/key thoughts/positions on the elements of initial plant walkdown to establish the as-is plant condition. No due date is established.
- o LRPD - An A.I.P. letter summarizing the conditions under which the agreement-in-principle status is reached for each and all 81 comment/response items. The status of the 14 open comment/response items will also be provided in the letter.

The LRPD actions were targeted to be completed by the week of November 25, 1990.

Original signed by:
 David T. Tang, Mechanical Engineer
 License Renewal Project Directorate
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 Office of Nuclear Reactor Regulation

Enclosure:
 Teleconference Participants

cc: K. Cozens, NUMARC
 E. Griffing, NUMARC

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Enclosure

Teleconference Participants

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