



Department of Energy
Washington, D.C. 20545

Docket No. 50-537

HQ:S:82:121

NOV 03 1982

Mr. Paul S. Check, Director
CRBR Program Office
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Check:

MEETING SUMMARY FROM THE PIPING INTEGRITY MEETING OF OCTOBER 28, 29, 1982

Reference: HQ:S:82:093, J. R. Longenecker to P. S. Check, Subject:
Meeting Summary for MEB/CRBRP September 8 and 9, 1982,
Meeting, dated September 21, 1982

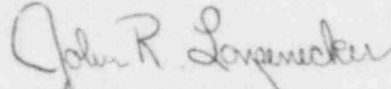
The Clinch River Breeder Reactor Plant (CRBRP) Project presented a detailed discussion of the materials data base and basic analyses and evaluations supporting the Project's position on piping integrity of the Primary Heat Transport System to the Nuclear Regulatory Commission (NRC) staff on October 28 and 29. The presentations included detailed discussions of high temperature design related questions documented in the reference letter. At the conclusion of the meeting, the NRC staff concluded that the Leak-Before-Break concept is acceptable for the primary cold leg. NRC further stated that the concept of Leak-Before-Break would be acceptable in the primary hot leg subject to satisfactory demonstration by the applicant that creep and creep/fatigue interactions have been appropriately accounted for in the analysis. Alternatively, a satisfactory confirmatory program of analysis and/or experiment to show that such effects can be accommodated within the design envelope would also be acceptable by NRC. The Project agreed to address these concerns by the scheduled November 22 meeting.

Additionally, the status of low temperature design related questions were discussed. A majority of these questions were stated to be resolved, with a few under review or awaiting additional information as previously described in the reference letter.

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Questions regarding this meeting summary can be addressed to D. Robinson (FTS 626-6098) or F. Niziolek (FTS 626-6190) of the Project Office Oak Ridge staff.

Sincerely,

A handwritten signature in cursive script, reading "John R. Longenecker".

John R. Longenecker
Acting Director, Office of the
Clinch River Breeder Reactor
Plant Project
Office of Nuclear Energy

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