

SEP 20 1971

E. G. Case, Director
Division of Reactor Standards

BWR CONTAINMENT DESIGN BASES

In your memorandum of August 23, 1971, an evaluation of the design capabilities for the Limerick containment vessel was provided. In that document the expected response of the containment vessel for accidents other than the design basis loss-of-coolant accident was evaluated. As you know, we are of the opinion that the margins to be applied above the calculated values should be applied to cover calculational uncertainties in the defined loss-of-coolant accident rather than redefining accidents, and that the BWR groups, in conjunction with DRS personnel, have agreed that a 15% margin for peak containment pressure and a 30% margin for deck differential pressure was adequate.

We would be pleased to provide assistance in the preparation of a Safety Guide on the acceptable design bases for BWR containments and would assign G. Lear on a part-time basis.

Original Signed by
Roger S Boyd

for Peter A. Morris, Director
Division of Reactor Licensing

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