

PDR

December 8, 1992

NOTE FOR: Robert Jones, Chief, SRXB  
THRU: Timothy Collins, SRXB *tc*  
FROM: Margaret Chatterton, SRXB  
SUBJECT: SUMMARY OF RECRITICALITY TELECON WITH WESTINGHOUSE OWNERS GROUP

A telecon was held on December 1, 1992 with members of the Westinghouse Owners Group (WOG) and Westinghouse to discuss the WOG approach for a feasibility study on control rod insertability after a large break LOCA. The discussion was based upon material faxed to us by WOG on November 30, 1992.

The WOG proposed that more realistic (than Appendix K) break opening time and break area assumptions be used for structural analyses of control rod guide tube response following a large break LOCA. The staff indicated that except for the use of more realistic break areas, the approach outlined appeared reasonable for the purpose of justifying the insertability of control rods and eliminating concerns regarding the potential for post-LOCA recriticality. The use of smaller than full double-ended break areas is considered questionable relative to past staff practice.

The staff emphasized that the WOG should be careful to recognize the difference in analysis requirements for structural assessments and ECCS performance assessments. The approach outlined for the structural analyses would be very difficult to justify for use in ECCS sizing and performance analyses and the setting of associated technical specifications (e.g., for determining the boron concentration for the RWST).

Westinghouse agreed to formally submit proprietary and non-proprietary copies of the November 30th material (fax). All WOG members will be informed of the discussion and WOG will inform us of further plans on this issue.

*Margaret Chatterton*  
Margaret Chatterton

cc: R. Jones

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