

AMERICAN ELECTRIC POWER Service Corporation



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March 20, 1981

OG-55

Mr. Denwood F. Ross, Jr.
Director
Division of Systems Integration
Office of Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Mr. Ross:

LOFT L3-6 PREDICTION CORRECTIONS

The Westinghouse prediction of the LOFT L3-6 test was submitted to the NRC via our letter OG-49 dated March 3, 1981. Subsequent to this submittal we have found it necessary to make some corrections to a few of the plots which were included in this submittal. For Figures 15-18 (0-200 sec. plots) and Figures 49-52 (0-2500 sec. plots) the mixture level in the pump suction leg on the steam generator side and the pump side has been substituted for the differential pressure in the pump suction leg. Subsequent to the submittal it was discovered that the capability to plot this differential pressure with WFLASH was not actually available. The differential pressure across the core also was not available and has been eliminated. The plots previously submitted as differential pressure across the active loop pump and differential pressure from active hot leg to the top of the vessel have been corrected to accurately represent the quantities described. All plots previously labeled as differential pressure were actually plots of the momentum pressure differential only and not the total pressure differential.

Enclosed is a complete copy of the L3-6 prediction which includes the corrected curves. If you have any questions with regard to these corrections, please contact Mr. Bruce Monty of Westinghouse at (412)373-4249.

Very truly yours,

Robert W. Jurgensen, Chairman
Westinghouse Owners Group

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