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LAWRENCE LIVERMORE LABORATORY

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May 19, 1980

Dermis Allison Systemacic Evaluation Program Branch Division of Operating Reactors Office of Nuclear Reactor Regulation U.S. Nuclear Regulatory Commission Mashington DC 20555

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Dear Dermie:

Enclosed is a report entitled "The Role of Radiation Damping in the Impedance Function Approach to Soil-Structure Interaction Analysis". This report was prepared by Tom Tsai of NCT Engineering Inc. at the nequest of LLL. Its purpose is to clarify certain technical issues concerning the reanalysis of Cyster Creek and Palisades. I feel you will find this information useful in the ongoing review.

Very truly yours

Robert C. Murray

Structural Mechanics Group Leader Nuclear Test Engineering Division

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