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PRODUCTION DEPARTMENT

July 30, 1979

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
File: 0260/0272/L-334.0
Loads Adequacy Evaluation
Program for Grand Gulf
AECM-79/81

In our response to NRC first round requests for additional information, in particular, in FSAR Amendments 30 and 31, we discussed our methods of treating loads on safety related structures, systems and components. In some instances, our approach differs from that requested by the NRC; in others, our approach may require amplification beyond what is provided in response to the question. These items with the corresponding NRC question number (in parentheses) are as follows:

1. Out of phase safety relief valve bubble loading (SRVA) for equipment (021.4)
2. In phase safety relief valve bubble loading (SRVD) for structures. (021.4)
3. Use of G. E.'s Interim Containment Loads Report, Rev. 2, vs. NEDO - 11314-08. (021.1, 021.2)
4. Choice of load cases for design of structures, systems and components. (021.8, 110.34, 110.42, 110.47, 130.08, 130.09, 130.10)
5. SRSS vs. absolute sum load combination methodology for piping. (110.41)
6. Annulus pressurization mass and energy release. (021.12, 110.29, 130.09, 222.2)
7. Idealized Raleigh bubble pressure reduction based on Caorso data.
8. Equipment qualification-valves.

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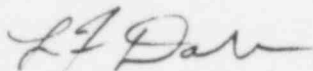
Mr. Harold R. Denton

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Due to the all-encompassing nature of the Grand Gulf loads adequacy evaluation, we feel that it is of the utmost importance to clarify our position and resolve any differences early in the operating license review cycle. We, therefore, request a meeting with your management and technical branches to discuss the items listed, above. We recommend that such a meeting be held in mid August, 1979. If these recommendations are not satisfactory, please inform us of dates and attendees suitable to the NRC.

Sincerely,



L. F. Dale
Nuclear Project Manager

EWC/pa

cc: Mr. N. L. Stampley
Mr. R. B. McGehee
Mr. T. B. Conner

Mr. John G. Davis, Director
Division of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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