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Writer's Direct Dial Number:

September 4, 1984

Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
SEP Topic No. III-6, Seismic Design Considerations,
Reanalyses of Liquid Poison System and Core Spray
System Piping

During the integrated assessment of SEP topics, the NRC staff requested that GPU Nuclear perform seismic analyses of two randomly selected safety related small diameter piping systems to demonstrate the adequacy of the original piping and piping support design.

GPU Nuclear selected liquid poison system piping inside containment and core spray system piping outside containment for the reanalysis. The reanalysis of both piping systems were performed in accordance with the requirements of the 1980 Edition (including Summer 1981 Addenda) of the ASME Code, Section III. The 1980 Edition of the ASME Code was used since the equations required for evaluation by this Code are available using an up-to-date computer program, PIPESD.

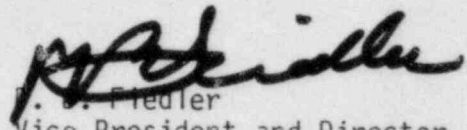
The results of the evaluation indicate that both liquid poison system and core spray system piping meet the seismic stress analysis requirements of the 1980 Edition (including Summer 1981 Addenda) of the ASME Code, Section III.

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The results and the evaluation of these piping systems are provided in the attached reports, MPR-777 and MPR-780.

Very truly yours,


P. G. Fiedler
Vice President and Director
Oyster Creek

m/0240e

cc: Administrator
Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pa 19406

NRC Resident Inspector
Oyster Creek Nuclear Generating Station
Forked River, NJ 08731