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June 19, 1985
MN-85-123

GDW-85-182

Director of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Edward J. Butcher, Jr.
Acting Branch Chief
Operating Reactors Branch No. 3
Division of Licensing

References: (a) License No. DPR-36 (Docket No. 50-309)
(b) USNRC Letter to MYAPCo dated October 29, 1984

Subject: Seismic Design Review

Gentlemen:

This letter provides a portion of the seismic design review information requested by Reference (b).

As requested by Question 5 of Reference (b), we are herewith transmitting a copy of the Regulatory Guide 1.60 amplified response spectra developed as part of our seismic re-evaluation program. The spectra labeled "SSE" were based on a 0.2g Regulatory Guide 1.60 ground spectra, while those labeled "OBE" utilized a 0.1g Regulatory Guide 1.60 input.

The development of the attached ARS was based upon the following Regulatory Guides:

- AEC Regulatory Guide 1.61, "Damping Values for Seismic Design of Nuclear Power Plants", October 1973
- NRC Regulatory Guide 1.92, "Combining Modal Responses and Spatial Components in Seismic Response Analysis", Rev. 1, February 1976
- NRC Regulatory Guide 1.122, "Development of Floor Design Responses Spectra for Seismic Design of Floor Supported Equipment or Components", Rev. 1, February 1978

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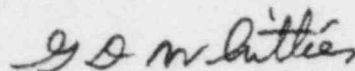
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If you have any questions concerning this transmittal, please contact me.

Very truly yours,

MAINE YANKEE ATOMIC POWER COMPANY



G. D. Whittier, Manager
Nuclear Engineering & Licensing

GDW/bjp

Enclosure:

cc: Dr. Thomas E. Murley
Mr. Cornelius F. Holden