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ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

April 6, 1982

Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attn: Mr. Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

Subject: Calvert Cliffs Nuclear Power Plant
Unit No. 1 & 2, Docket No. 50-317 & 50-318
TMI Action Plan, Item II D.1

References: a) Letter from D. G. Eisenhower to All
Licensees dated September 29, 1981.

Gentlemen:

This letter is provided in response to the request for a preliminary evaluation supported by test results which demonstrates the capability of relief and safety valves to operate under expected operating and accident conditions applicable to Calvert Cliffs Nuclear Power Plant Units 1 & 2.

We are participating in the Generic PWR Safety and Relief Valve Test Program implemented by the Electric Power Research Institute at the request of participating PWR Utilities in response to NRC recommendations for safety and relief valve testing.

The primary objective of the Test Program was to provide full scale test data confirming the functionability of primary system power operated relief valves and safety valves for expected operating and accident conditions. The second objective of the program was to obtain sufficient piping thermal hydraulic load data to permit confirmation of models which may be utilized for plant unique analysis of safety and relief valve discharge piping systems. Relief valve tests were completed in August, 1981 and safety valves tests were completed in December, 1981. The reports prepared by EPRI documenting the Test Program results are as follows:

. "Valve Selection/Justification Report"

This report documents that the selected test valves represent all participating PWR plant safety and relief valves.

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- "Test Condition Justification Report" and the
"(Applicable NSSS Vendor) Plant Condition Justification
Report"

These reports document the basis and justification of the valve test conditions for all participating PWR plants.

- "Safety and Relief Valve Test Report"

This report provides evidence demonstrating the functionality of the selected test valves under the selected test conditions for all participating PWR plants.

- Application of Relap 5/MOD 1 For Calculation Of Safety
and Relief Valve Discharge Piping Hydrodynamic Loads.

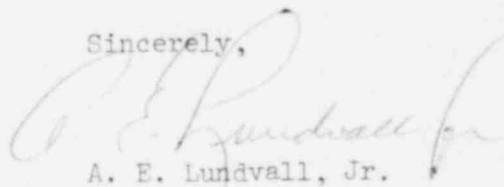
This report presents an analytical model benchmarked against test data that may be used for plant unique analysis of safety and relief valve discharge piping systems.

We have received all of the documents and they have been transmitted to you by Mr. David Hoffman of Consumers Power Company on behalf of the participating PWR Utilities as part of our response meeting the April 1, 1982 preliminary submittal requirement.

In addition to the providing the referenced reports we have performed a preliminary review of the Test Program result. Based on the review, we have concluded that valves tested represent the safety and relief valve designs and that the conditions tested envelope the range of expected operating and accident conditions of Calvert Cliffs Units 1 & 2. Also, the above mentioned reports provide the evidence required by NUREG 0737, Item 11.D.1.A, which will be used to perform the final plant specific evaluations.

Reference (a) requested that plant specific final evaluations be submitted by July 1, 1982. Evaluations have already been initiated, but it is unlikely that the July date will be met. As soon as a more realistic schedule is available, we will notify you.

Sincerely,



A. E. Lundvall, Jr.

Mr. Robert A. Clark

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cc: G. F. Trowbridge, Esquire
J. A. Biddison, Esquire
Mr. D. H. Jaffe - NRC