

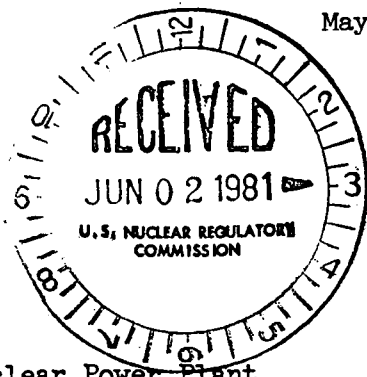


CHARLES CENTER • P. O. BOX 1475 • BALTIMORE, MARYLAND 21203

May 26, 1981

ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

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



Attn: Mr. D. G. Eisenhut, Director
Division of Licensing

Subject: Calvert Cliffs Nuclear Power Plant
Units Nos. 1 & 2, Dockets Nos. 50-317 & 50-318
Palisades Nuclear Power Plant, Docket No. 50-255
Fort Calhoun Nuclear Power Plant, Docket No. 50-285
Millstone Nuclear Power Plant Unit No. 2, Docket No. 50-336
Asymmetric LOCA Loads Information Request

- References:
- (a) NRC letter dated 1/25/78 from Mr. V. Stello, Jr., to All PWR Licensees Regarding Asymmetric LOCA Loads.
 - (b) BG&E letter dated 6/30/80 from Mr. A. E. Lundvall, Jr., to Mr. D. G. Eisenhut, same subject.
 - (c) BG&E letter dated 7/31/80 from Mr. A. E. Lundvall, Jr., to Mr. D. G. Eisenhut, same subject.
 - (d) NRC letter dated 2/23/81 from Mr. D. M. Crutchfield to Mr. A. E. Lundvall, Jr., same subject.

Gentlemen:

In an effort to respond to the requirements of Reference (a), Baltimore Gas and Electric, Northeast Utilities, Consumers Power and the Omaha Public Power District submitted in References (b) and (c) the Combustion Engineering Owners' Group Final Report. Reference (d) required the Combustion Engineering Owners' Group to provide additional information concerning this report within 90 days of receipt of Reference (d). This request for additional information was received on February 27, 1981. Pursuant to this request, we prepared preliminary responses to those questions listed in Reference (d), which involved a clarification or a detailed explanation of the methods and results presented in References (b) and (c). On April 15, 1981, the Combustion Engineering Users' Group and their technical consultants discussed these preliminary responses with members of the NRC Staff. At this meeting, the CE Owners' Group stated that due to the time constraints involved in responding to the 108 questions and requests listed in Reference (d), our submittal could be delayed until August 1, 1981. Also at that time, we indicated our intent to submit this response as early as possible.

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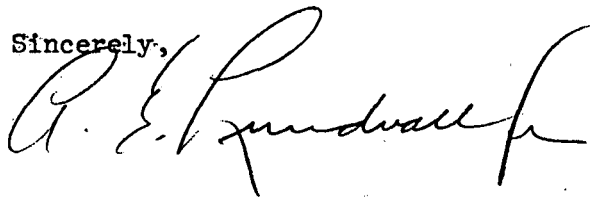
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May 26, 1981

At this time, our schedule for submittal remains as previously stated, provided that additional questioning concerning the final report is held to a minimum.

This schedule is also dependent upon a resolution of the outstanding issue of load combination. As discussed with your staff at the April 15, 1981, meeting, load combinations could significantly extend the schedule for completion of this effort due to the lack of a seismic analysis for fuel (and internals for some plants). Our presentation of April 15, 1981, included a discussion of our position, supported by a recently issued Sandia Laboratories report, that the probability of simultaneous occurrence of an asymmetric LOCA loading event and a seismic event is on the order of 10^{-12} per year; therefore, the probability of the occurrence of these events is too small to consider the consequences. The position presented by the CE Owners Group at the 4/15/81 meeting has not been formally addressed by the staff. It is in our mutual best interest to accelerate efforts to resolve this issue. We are prepared to discuss this issue with you at your earliest convenience.

Sincerely,



cc: J. A. Biddison, Esquire
G. F. Trowbridge, Esquire
Mr. E. L. Conner, Jr.
Messrs. P. W. Kruse - CE
G. F. Pratt - Consumers Power Co.
A. Purie - Northeast Utilities Co.
S. U. Kahn - Omaha Public Power District