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ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

September 7, 1984

U. S. Nuclear Regulatory Commission
Director of Reactor Regulation
Washington, D.C. 20555
ATTN: Mr. J. R. Miller, Chief
Operating Reactors Branch #3

SUBJECT: Calvert Cliffs Nuclear Power Plant Unit No. 1 and No. 2
Docket Nos. 50-317 and 50-318
Topical Report for Extended Burnup Operation of CE Fuel

REFERENCE: A. A. E. Lundvall to R. A. Clark letter dated June 7, 1982
B. J. R. Miller to A. E. Lundvall letter dated January 24, 1984

Gentlemen:

In Reference (A), you were provided the topical report that described the model presently used by Combustion Engineering to calculate the performance of standard 14x14 and 16x16 fuel assembly designs to extended burnups (batch average burnups up to 45 MWD/kg). By Reference (B), you requested additional information in order to complete your review of the topical report.

Enclosure (1) provides the answers to those questions. Enclosure (2) is a revision of the original topical report, incorporating recent high burnup data. Enclosure (3) are the proprietary affidavits requesting that Enclosures (1) and (2) be withheld from public disclosure in accordance with the provisions of 10CFR2.790.

Very truly yours,

- Enclosure (1) - Responses to Questions on Extended Burnup Operation of Combustion Engineering Fuel (20 copies)
- Enclosure (2) - Topical Report, "Extended Burnup Operation of Combustion Engineering PWR Fuel", CENPD-269-P, Rev. 1-P (20 copies)
- Enclosure (3) - Proprietary Affidavits for Enclosures (1) and (2)

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Mr. J. R. Miller
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cc: D. H. Jaffe - NRC (w/o encl)
D. A. Brune - BG&E (w/o encl)
G. F. Trowbridge - Shaw, Pittman, Potts & Trowbridge (w/o encl)
T. Foley - NRC (w/o encl)
T. Magette - DNR (w/o encl)