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ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

June 7, 1982

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

ATTENTION: Mr. R. A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

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

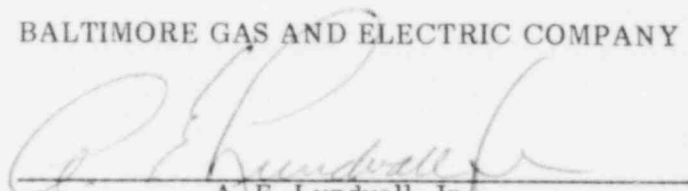
Gentlemen:

The enclosed report describes the models presently in use by Combustion Engineering, Inc. (C-E) to calculate the performance of standard 14 x 14 as well as 16 x 16 fuel assembly designs to extended burnups (batch average burnups up to 45 MWd/Kg). The report provides a basis for the generic licensing approval of C-E's fuel performance models for operation to extended burnup.

Enclosures (1) and (2) are proprietary and non-proprietary versions respectively of the report. Enclosure (3) is an affidavit requesting that Enclosure (1) be withheld from public disclosure in accordance with the provisions of 10 CFR 2.790.

Very truly yours,

BALTIMORE GAS AND ELECTRIC COMPANY



A. E. Lundvall, Jr.
Vice President - Supply

AEL/WJL/djw

- Enclosures: (1) CENPD-269-P, Extended Burnup Operation of Combustion Engineering PWR Fuel, April 1982 (Proprietary) - Copies 1-25
- (2) CENPD-269-NP, Extended Burnup Operation of Combustion Engineering PWR Fuel, April 1982 (Non-proprietary) - 15 copies
- (3) Proprietary Affidavit

Copies To: J. A. Biddison, Esquire
G. F. Trowbridge, Esquire
D. H. Jaffe - NRC
D. W. Kenna - CE

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