



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

ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

February 26, 1985

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

ATTENTION: Mr. James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 and 2, Docket Nos. 50-317 & 50-318
Request for Amendment

Gentlemen:

The Baltimore Gas and Electric Company hereby requests an Amendment to its Operating License Nos. DPR-53 and DPR-69 for Calvert Cliffs Unit Nos. 1 & 2, respectively, with the submittal of the enclosed change to the Technical Specifications.

PROPOSED CHANGE (BG&E FCR 85-3002)

Remove existing page 3/4 10-1 of the Unit Nos. 1 and 2 Technical Specifications and replace with marked-up page attached to this transmittal.

DISCUSSION

During post-refueling startup testing CEA group worths are measured by their insertion into the core. Special Test Exception 3/4 10.1 allows shutdown margin reduced below the minimum Technical Specification limit to perform this measurement. Surveillance Requirement 4.10.1.2 imposes a reactor trip verification 24 hours prior to reducing Shutdown Margin below the Technical Specification limit. This additional trip interrupts startup testing, delays power operation and increases component wear. If the Surveillance Requirement allowed a reactor trip verification interval of seven (7) days instead of the current requirement of 24 hours the additional trip would not be required.

DETERMINATION OF SIGNIFICANT HAZARDS CONSIDERATIONS

The Surveillance Requirement provides reasonable assurance that all withdrawn CEAs will insert upon a reactor trip signal (i.e., no CEA stuck out). The only accidents impacted by a stuck CEA are those that may result in positive reactivity addition after a reactor trip (i.e., an overcooling event). Based on probabilistic risk assessment analysis the probability of an overcooling event with a untrippable CEA increases insignificantly (1.1×10^{-7} to 4.8×10^{-7}) when the requirement for trip verification is increased from 24 hours to seven (7) days.

8503120285 850226
PDR ADOCK 05000317
P PDR

Rec'd w/Check \$150.00
A303015

Acc
3/40

Mr. J.R. Miller
February 26, 1985
Page 3

cc: D.A. Brune, Esquire
G.F. Trowbridge, Esquire
D.H. Jaffe, NRC
T. Foley, NRC
T. Magette, DNR