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GEORGE C. CREEL
VICE PRESIDENT
NUCLEAR ENERGY
(301) 260-4455

August 3, 1990

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
Revision to Amendment Request on Reactor Vessel Level Monitoring
System (TACs 67954 and 67955) and Supplemental Information on Core
Exit Thermocouples

- REFERENCES:
- (a) Letter from Mr. J. A. Tiernan (BG&E) to NRC Document Control Desk, dated July 10, 1987, Request for Amendment
 - (b) Letter from Mr. D. M. Crutchfield (NRC) to Mr. R. W. Wells (CE), dated October 28, 1986, Reactor Vessel Level Monitoring System Technical Specification Safety Evaluation
 - (c) Letter from Mr. J. A. Tiernan (BG&E) to NRC Document Control Desk, dated June 16, 1988, Request for Amendment
 - (d) Letter from Mr. G. C. Creel (BG&E) to NRC Document Control Desk, dated September 20, 1989, Response to Request for Additional Information Regarding Core Exit Thermocouples

Gentlemen:

In accordance with previous discussions with your staff, we request a revision to our Technical Specification Amendment Request contained in Reference (a). This revision is to the Reactor Vessel Level Monitoring System (RVLMS) ACTION STATEMENT 35-3 contained in Table 3.3-10, "Post Accident Monitoring Instrumentation." We have changed the sentence:

"Restore at least one channel to OPERABLE status at the next refueling."

to

"Restore the system to OPERABLE status at the next refueling."

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This revision is more restrictive than our previous submittal by requiring both channels to be operable rather than just one and it conforms to the guidance contained in Reference (b). Because the revision is more restrictive than our previous submittal, our significant hazards determination contained in Reference (a) will not change. The only changes necessary are contained in Attachment (1). All other pages from our previous submittal remain the same.

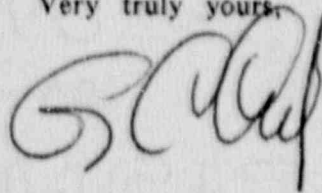
You have also verbally requested that a more detailed core map be supplied for our Core Exit Thermocouple (CET) amendment request and supplemental information contained in References (c) and (d), respectively. The two areas of concern are:

1. loss of a single power supply will not result in a loss of all CETs in a core quadrant; and
2. the remaining operable CETs in a quadrant provides at least one CET near the center of the core and one near the perimeter.

In response to this request, the Calvert Cliffs Units 1 and 2 core quadrant maps attached to Reference (d) have been annotated to identify the CET power supplies as channel "ZA" or "ZB", and are provided as Attachment (2). Also as identified in Reference (d), the Unit 2 CETs are now qualified except for the four locations, 34, 38, 41 and 45; one in each quadrant. Therefore Unit 2 easily satisfies both of the above criteria. In Unit 1, 23 of 45 CETs have been replaced with qualified CETs to date. These CETs are distributed such that the first criteria identified above is met. At this time, there is a single exception to the second criteria: the quadrant which contains CET Nos. 2, 10, 13, 14, 15, 16, 17, 33, 34, 35 and 36. Of these, 10, 14, 33, 34 and 35 are qualified, but only 14 is "ZB" powered. Therefore, this quadrant of Unit 1 does not provide for measuring radial enthalpy gradient using the "ZB" channel. The remaining Unit 1 CETs are scheduled to be replaced in upcoming outages and the second criteria identified above will eventually be met.

Should you have any questions regarding these matters, we will be pleased to discuss them with you.

Very truly yours,



STATE OF MARYLAND

County of Calvert

TO WIT:

I hereby certify that on the 3rd day of August, 1990, before me, the subscriber, a Notary Public of the State of Maryland in and for Calvert County, personally appeared George C. Creel, being duly sworn, and states that he is Vice President of the Baltimore Gas and Electric Company, a corporation of the State of Maryland; that he provides the foregoing response for the purposes therein set forth; that the statements made are true and correct to the best of his knowledge, information, and belief; and that he was authorized to provide the response on behalf of said Corporation.

WITNESS my Hand and Notarial Seal:

Donald L. McCready
Notary Public

My Commission Expires:

January 1, 1994
Date

GCC/DBO/dlm

Attachments: (1) Proposed Technical Specification Changes (4 pages)
(2) CET Maps (2 pages)

cc: D. A. Brune, Esquire
I. E. Silberg, Esquire
R. A. Capra, NRC
D. G. McDonald, Jr., NRC
T. T. Martin, NRC
L. E. Nicholson, NRC
R. I. McLean, DNR