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May 26, 1994

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit No. 1 & 2; Docket Nos. 50-317 & 50-318
1994 Refueling Outage; Summary of Completed Licensing Actions

Enclosure (1) summarizes various open licensing actions for Baltimore Gas and Electric Company which were completed during the Unit 1 Cycle 11 Refueling Outage, ending in May 1994.

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

Very truly yours,

RED/JMO/dlm

Enclosure: As Stated

cc: D. A. Brune, Esquire
J. E. Silberg, Esquire
R. A. Capra, NRC
D. G. McDonald, Jr., NRC
T. T. Martin, NRC
P. R. Wilson, NRC
R. I. McLean, DNR
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ENCLOSURE (I)

1994 REFUELING OUTAGE SUMMARY

SUBJECT: Installation of a Neutron Shield/Pool Seal and Use of Leak Before Break Analysis (General Design Criteria 4) (TAC No. M87176)

REFERENCE: Letter from Mr. R. E. Denton (BGE) to NRC Document Control Desk, dated July 29, 1993, Installation of a Neutron Shield/Pool Seal at Calvert Cliffs Units 1 and 2

As stated in the referenced letter, the new neutron shield/pool seal was installed in Unit 1 during the spring 1994 Refueling Outage. All actions for this item are complete for Unit 1. A similar modification for Unit 2 will be completed during the spring 1995 refueling outage.

SUBJECT: Modification of Reactor Vessel Material Specimen Withdrawal Schedule (TAC No. M82686)

REFERENCE: Letter from Mr. G. C. Creel (BGE) to NRC Document Control Desk, dated January 24, 1992, Modifications of the Withdrawal Schedule for Reactor Vessel Material Specimens for Calvert Cliffs Unit 1

As stated in the referenced letter, Table 4-13 (page 4.1-89) of the Updated Final Safety Analysis Report, Revision 15, has been revised to reflect the modified specimen withdrawal schedule approved by the Safety Evaluation, dated December 23, 1992. All actions for this item are complete.

SUBJECT: Regulatory Guide 1.97 - Instrumentation to Follow the Course of an Accident: Containment Sump Water Temperature (TAC Nos. M51078; M51079)

REFERENCE: (a) Letter from Mr. D. G. McDonald, Jr. (NRC) to Mr. R. E. Denton (BGE), dated February 14, 1994, Regulatory Guide 1.97 - Instrumentation to Follow the Course of an Accident, Calvert Cliffs Nuclear Power Plant, Units 1 and 2

(b) Letter from Mr. J. A. Tiernan (BGE) to NRC Document Control Desk, dated August 9, 1988, Regulatory Guide 1.97 Review Update

In Reference (a), the NRC concluded that Category 2 shutdown cooling heat exchanger inlet or outlet temperature is an acceptable alternative to containment sump water temperature. In Reference (b), we stated that since Residual Heat Removal Heat Exchanger Outlet Temperature is already considered as a Category 2 instrument, it would be utilized to meet the requirement for containment sump water temperature. Plant modifications to upgrade the Residual Heat Removal Heat Exchanger outlet temperature element to safety-related and environmentally-qualified resistance temperature detectors were completed in spring 1989 under Facility Change Request 83-24. All actions for this item are complete for Units 1 and 2.