CHARLES H. CRUSE
Vice President
Nuclear Energy

Baltimore Gas and Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410 495-4455

BGE

September 19, 1996

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
1996 Refueling Outage; Summary of Completed Licensing Actions

Attachment (1) summarizes various open licensing actions for Baltimore Gas and Electric Company which were completed during the Unit 1 Cycle 12 Refueling Outage, ending in August 1996.

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

Very truly yours,

J B Russell

for
C. H. Cruse
Vice President - Nuclear Energy

CHC/JMO/dlm

Attachment: As stated

cc: D. A. Brune, Esquire H. J. Miller, NRC
J. E. Silberg, Esquire Resident Inspector, NRC
Director, Project Directorate I-1, NRC R. I. McLean, DNR
A. W. Dromerick, NRC J. H. Walter, PSC

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ATTACHMENT (1)

1996 REFUELING OUTAGE SUMMARY

Baltimore Gas and Electric Company
Calvert Cliffs Nuclear Power Plant - Unit 1
September 19, 1996

ATTACHMENT (1)

1996 REFUELING OUTAGE SUMMARY

SUBJECT: Station Blackout Rule Compliance (TAC Nos. M68525, M68526, M82612, M82613, M85222, M85223, M86999, M87000, M87070, M87071, M87130, M87131, M87556, M87557, M89086 & M89087)

REFERENCE: Letter from Mr. G. C. Creel (BGE) to NRC Document Control Desk, dated April 19, 1989, Response to Station Blackout Rule 10 CFR 50.63

During the 1996 outage, the Emergency Diesel Generator No. 1A was connected to Unit 1, and the Station Blackout diesel generator was installed on both safety-related busses on Unit 1. At the completion of the outage, each Unit had two emergency diesel generators dedicated to it. The Station Blackout diesel generator was capable of providing power to at least one safety-related bus on each Unit. This completes our actions needed to comply with the station blackout rule.

SUBJECT: Code Repair of Saltwater System (TAC Nos. M91933 & M91934)

REFERENCE: Letter from Mr. R. E. Denton (BGE) to NRC Document Control Desk, dated March 23, 1995, Request for Temporary Relief from ASME Boiler & Pressure Vessel Code Section XI Requirement IAW-5250

During the 1996 outage, the section of piping containing a degraded coupling was replaced. Root cause evaluation showed that the degradation had been caused by saltwater contact with an unprotected coupling. The new coupling is protected from the effects of saltwater. This brings our Saltwater System back into Code compliance and completes our actions related to the requested code relief.

SUBJECT: Lead Fuel Assemblies (TAC Nos. M93232 & M93233)

REFERENCE: Letter from Mr. R. E. Denton (BGE) to NRC Document Control Desk, dated July 13, 1995, Lead Fuel Assembly - Temporary Exemption Request and Request for Amendment

During this outage, we installed four lead fuel assemblies in the Unit 1 core. Two of these assemblies contained a new cladding material. We obtained an exemption to allow the installation of this new material. The installation of these two lead fuel assemblies conforms to the conditions of the exemption.

ATTACHMENT (1)

1996 REFUELING OUTAGE SUMMARY

SUBJECT: Containment Emergency Sump Recirculation Line Motor-Operated Valves 1(2)-MOV-4144 & 4145 (TAC Nos. M93444 & M93445)

REFERENCE: Letter from Mr. C. H. Cruse (BGE) to NRC Document Control Desk, dated July 25, 1996, Response to Request for Additional Information - Generic Letter 95-07, "Pressure Locking and Thermal Binding of Safety-Related, Power-Operated Gate Valves"

During this outage, we installed a modification on both Units to allow filling the piping between the subject motor-operated valves and their containment emergency sumps. It is our judgment that filling the recirculation lines prevents any significant heat-up of the bonnet caused by an increase in sump temperatures during accident conditions. Therefore, subsequent pressure locking of the subject valves is prevented. For the subject valves, this completes our actions for Generic Letter 95-07.