September 3, 1987

Docket Nos. 50-317
and 50-318

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Mr. J. A. Tiernan
Vice President-Nuclear Energy
Baltimore Gas and Electric Company
P. O. Box 1475
Baltimore, Maryland 21203

Dear Mr. Tiernan:

On July 7, 1987 the Commission issued Amendment Nos. 127 and 109 to Facility Operating License Nos. DPR-53 and DPR-69 for the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2. The amendments consisted of changes to the Technical Specifications (TS) in response to your application transmitted by letter dated October 1, 1986, as supplemented by your submittals of March 13, March 19, April 17 and May 4, 1987.

Subsequently, your letter of July 24, 1987 informed us that there were two typographical errors in the Units 1 and 2 TS page 3/4 1-18, as originally provided in your April 17, 1987 submittal. Thus, these typographical errors were reflected in Amendment Nos. 127 and 109 to DPR-33 and DPR-69, respectively. Corrected pages are transmitted herewith.

We appreciate your calling our attention to these errors.

Sincerely,

Scott Alexander McNeil, Project Manager
Project Directorate I-1
Division of Reactor Projects, I/II

Enclosure:
As stated

cc: See next page

* SEE PREVIOUS CONCURRENCE

PDI-1	PDI-1	PDI-1
CVogan*	SMcNeil *SAM*	RCapra *ROC*
9/02/87	9/3 /87	9/3 /87

Docket Nos. 50-317
and 50-318

Mr. J. A. Tiernan
Vice President-Nuclear Energy
Baltimore Gas and Electric Company
P. O. Box 1475
Baltimore, Maryland 21203

Dear Mr. Tiernan:

On July 7, 1987 the Commission issued Amendment Nos. 127 and 109 to Facility Operating License Nos. DPR-53 and DPR-69 for the Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2. The amendments consisted of changes to the Technical Specifications (TS) in response to your application transmitted by letter dated October 1, 1986, as supplemented by your submittals of March 13, March 19, April 17 and May 4, 1987.

Subsequently, your letter of July 24, 1987 informed us that there were two typographical errors in the Unit 2 TS page 3/4 1-18, as originally provided in your April 17, 1987 submittal. Thus, these typographical errors were reflected in Amendment No. 109 to DPR-69. A corrected page is transmitted herewith.

We appreciate your calling our attention to these errors.

Sincerely,

Scott Alexander McNeil, Project Manager
Project Directorate I-1
Division of Reactor Projects, I/II

Enclosure:
As stated

cc: See next page

PDI-1	PDI-1	PDI-1
CVogan	SMcNeil	RCapra
9/9/87	9/9/87	9/ /87

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3.1.3.3 MOVABLE CONTROL ASSEMBLIES

LIMITING CONDITION FOR OPERATION

3.1.3.1 The CEA Motion Inhibit and all shutdown and regulating CEAs shall be **OPERABLE** with each CEA of a given group positioned within 7.5 inches (indicated position) of all other CEAs in its group.

APPLICABILITY: **MODES** 1* and 2*

ACTION:

a. With one or more CEAs inoperable due to being immovable as a result of excessive friction or mechanical interference or known to be untrippable, be in at least **HOT STANDBY** within 6 hours.

b. With the CEA Motion Inhibit inoperable, within 6 hours either:

1. Restore the CEA Motion Inhibit to **OPERABLE** status, or

2. Place and maintain the CEA drive system mode switch in either the "Off" or any "Manual Mode" position and fully withdraw all CEAs in groups 3 and 4 and withdraw the CEAs in group 5 to less than 5% insertion, or

3. Be in at least **HOT STANDBY**.

c. With one CEA inoperable due to causes other than addressed by **ACTION** a, above, and inserted beyond the Long Term Steady State Insertion Limits but within its above specified alignment requirements, operation in **MODES** 1 and 2 may continue for up to 7 days per occurrence with a total accumulated time of $\leq$ 14 days per calendar year.

d. With one CEA inoperable due to causes other than addressed by **ACTION** a, above, but within its above specified alignment requirements and either fully withdrawn or within the Long Term Steady State Insertion Limits if in CEA group 5, operation in **MODES** 1 and 2 may continue.

---

* See Special Test Exceptions 3.10.2 and 3.10.4.

LIMITING CONDITION FOR OPERATION

e. With one or more CEAs misaligned from any other CEAs in its group by more than 7.5 inches but less than 15 inches, operation in **MODES** 1 and 2 may continue, provided that within one hour the misaligned CEA(s) is either:

1. Restored to **OPERABLE** status within its above specified alignment requirements, or

2. Declared inoperable. After declaring the CEA inoperable, operation in **MODES** 1 and 2 may continue for up to 7 days per occurrence with a total accumulated time of $\leq$ 14 days per calendar year provided all of the following conditions are met:

a. The **THERMAL POWER** level shall be reduced to $\leq$ 70% of the maximum allowable **THERMAL POWER** level for the existing Reactor Coolant Pump combination within one hour; if negative reactivity insertion is required to reduce **THERMAL POWER**, boration shall be used.

b. Within one hour after reducing the **THERMAL POWER** as required by a) above, the remainder of the CEAs in the group with the inoperable CEA shall be aligned to within 7.5 inches of the inoperable CEA while maintaining the allowable CEA sequence and insertion limits shown on Figure 3.1-2; the **THERMAL POWER** level shall be restricted pursuant to Specification 3.1.3.6 during subsequent operation.

f. With one CEA misaligned from any other CEA in its group by 15 inches or more, operation in **MODES** 1 and 2 may continue, provided that the misaligned CEA is positioned within 7.5 inches of the other CEAs in its group in accordance with the time allowance shown in Figure 3.1-3. The pre-misaligned F_I^T value used to determine the allowable time to realign the CEA from Figure 3.1-3 shall be the latest measurement taken within 5 days prior to the CEA misalignment. If no measurements were taken within 5 days prior to the misalignment, a pre-misaligned F_I^T of 1.65 shall be assumed.

g. With one CEA misaligned from any other CEA in its group by 15 inches or more at the conclusion of the time allowance permitted in Figure 3.1-3, immediately start to implement the following actions:

1. If the **THERMAL POWER** level prior to the misalignment was greater than 50% of **RATED THERMAL POWER, THERMAL POWER** shall be reduced to less than the greater of:

3/4.1.3 MOVABLE CONTROL ASSEMBLIES

LIMITING CONDITION FOR OPERATION

3.1.3.1 The CEA Motion Inhibit and all shutdown and regulating CEAs shall be **OPERABLE** with each CEA of a given group positioned within 7.5 inches (indicated position) of all other CEAs in its group.

APPLICABILITY: **MODES** 1* and 2*

ACTION:

a. With one or more CEAs inoperable due to being immovable as a result of excessive friction or mechanical interference or known to be untrippable, be in at least **HOT STANDBY** within 6 hours.

b. With the CEA Motion Inhibit inoperable, within 6 hours either:

1. Restore the CEA Motion Inhibit to **OPERABLE** status, or

2. Place and maintain the CEA drive system mode switch in either the "Off" or any "Manual Mode" position and fully withdraw all CEAs in groups 3 and 4 and withdraw the CEAs in group 5 to less than 5% insertion, or

3. Be in at least **HOT STANDBY**.

c. With one CEA inoperable due to causes other than addressed by **ACTION** a, above, and inserted beyond the Long Term Steady State Insertion Limits but within its above specified alignment requirements, operation in **MODES** 1 and 2 may continue for up to 7 days per occurrence with a total accumulated time of $\leq$ 14 days per calendar year.

d. With one CEA inoperable due to causes other than addressed by **ACTION** a, above, but within its above specified alignment requirements and either fully withdrawn or within the Long Term Steady State Insertion Limits if in CEA group 5, operation in **MODES** 1 and 2 may continue.

---

* See Special Test Exceptions 3.10.2 and 3.10.4.

LIMITING CONDITION FOR OPERATION

e. With one or more CEAs misaligned from any other CEAs in its group by more than 7.5 inches but less than 15 inches, operation in MODES 1 and 2 may continue, provided that within one hour the misaligned CEA(s) is either:

1. Restored to **OPERABLE** status within its above specified alignment requirements, or

2. Declared inoperable. After declaring the CEA inoperable, operation in MODES 1 and 2 may continue for up to 7 days per occurrence with a total accumulated time of $\leq$ 14 days per calendar year provided all of the following conditions are met:

a. The **THERMAL POWER** level shall be reduced to $\leq$ 70% of the maximum allowable **THERMAL POWER** level for the existing Reactor Coolant Pump combination within one hour; if negative reactivity insertion is required to reduce **THERMAL POWER**, boration shall be used.

b. Within one hour after reducing the **THERMAL POWER** as required by a) above, the remainder of the CEAs in the group with the inoperable CEA shall be aligned to within 7.5 inches of the inoperable CEA while maintaining the allowable CEA sequence and insertion limits shown on Figure 3.1-2; the **THERMAL POWER** level shall be restricted pursuant to Specification 3.1.3.6 during subsequent operation.

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1. If the **THERMAL POWER** level prior to the misalignment was greater than 50% of **RATED THERMAL POWER**, **THERMAL POWER** shall be reduced to less than the greater of: