

BALTIMORE GAS AND ELECTRIC COMPANY

P. O. BOX 1475
BALTIMORE, MARYLAND 21203

January 29, 1981

ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Calvert Cliffs Nuclear Power Plant
Units Nos. 1 & 2, Dockets Nos. 50-317 & 50-318
Request for Amendment to Operating Licenses

Reference: Department of Health and Mental Hygiene letter
from Ronald Nelson to Elizabeth Bauereis dated
7/14/80; Environmental Studies.

Dear Mr. Denton:

Baltimore Gas and Electric Company hereby requests an Amendment to its Operating Licenses Nos. DPR-53 and DPR-69 for Calvert Cliffs Units 1 and 2, respectively, with the submittal of the enclosed proposed changes to the technical specifications. All changes apply to both units unless otherwise indicated.

TECHNICAL SPECIFICATION CHANGES

Change No. 1

(FCR 80-106) Add the following footnote to Paragraphs 6.9.1.8.b and 6.9.1.9.b:

"If it is discovered during a mode subordinate to the APPLICABILITY modes that a Limiting Condition for Operation (LCO) has been exceeded, then it must be assumed that the LCO was exceeded during the APPLICABILITY modes unless it can be shown otherwise. Reports made pursuant to this footnote shall be made per paragraph 6.9.1.9."

Discussion

This change is intended to require the reporting of a condition exceeding an LCO when in a mode not applicable to the LCO unless it can be shown that the condition actually occurred in the non-applicable mode. The rationale is that, unless it can be shown to have occurred during the non-applicable (subordinate) mode, the condition must be assumed to have occurred during a prior (applicable) mode. This clarification is being added at the request of the NRC I&E Resident Inspector. A concession which NRC I&E has allowed is that reports made pursuant to this clarification may be made under the less-urgent paragraph 6.9.1.9.

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Change No. 2 (DPR-53 only)

(FCR 80-107) Table 3.7-4 delete two snubbers as shown on the attached sheets.

Discussion

The pressurizer sample control valves' packing leak-off lines were removed because they were not being used.

Snubbers 1-38-1 and 1-38-2 were the ones used as the supports for those pressurizer sample leak-off lines.

Change No. 3

(FCR 80-1053) Paragraph 4.2, specification section, wording change as shown on the attached page.

Discussion

To allow for the operation of the plant at a $\Delta T > 10^{\circ}\text{F}$ until the state of Maryland issues a new NPDES permit. The attached letter from Ronald Nelson of the Office of Environmental Programs of the State of Maryland (above stated reference) allows us to continue such operation provided we continue to conduct primary productivity entrainment studies.

Change No. 4

(FCR 81-07) Paragraph 3.10.5 add items d and e and change the APPLICABILITY as shown on the attached marked-up page.

Discussion

The proposed change would allow normal coolant circulation to be suspended to allow removal of relief valve RV-469 for operational testing. This change is consistent with the requirements of Technical Specification 3.9.8.

Two sources of cooling water for the core would still be available:

- 1) 23' of water above the core; and
- 2) A cross-connect from the refueling pool through the low pressure safety injection pump to the shutdown cooling heat exchanger and back to the refueling pool.

It is expected that the entire removal, testing and reinstallation operation will take about two hours each time it is required.

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This change has previously been discussed with your Staff, and we understand that there may be other means of modifying the Technical Specifications to accomplish the above-described maintenance functions. Specifically, a change to paragraph 3.9.8 may be more acceptable than a change to paragraph 3.10.5. We are prepared to discuss this further with your Staff as soon as possible.

We request that NRC make every effort to review this request with a target amendment date early in February. We apologize for the short processing time.

SAFETY COMMITTEE REVIEW

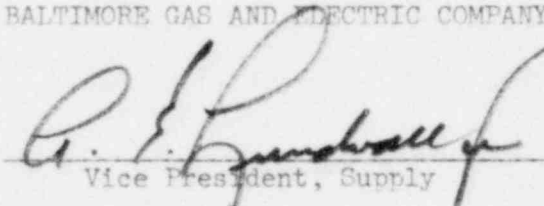
These proposed changes to the Technical Specifications have been reviewed by our Plant Operations and Safety Review Committee and Off-Site Safety and Review Committee, and they have concluded that implementation of these changes will not result in an undue risk to the public health and safety.

FEE DETERMINATION

We have determined, pursuant to 10 CFR Part 170 Paragraph 170.22 that this Amendment request consists of Class IV and Class I amendments for Calvert Cliffs Units Nos. 1 and 2, respectively, and accordingly, we are including BG&E Check No. B096177 in the amount of \$12,700.00 to cover the fee for this request.

BALTIMORE GAS AND ELECTRIC COMPANY

By:


Vice President, Supply

STATE OF MARYLAND:

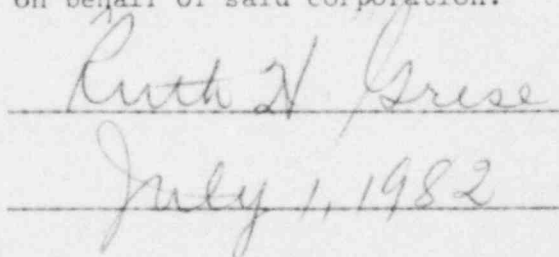
: TO WIT:

CITY OF BALTIMORE:

Mr. A. E. Lundvall, Jr. being duly sworn, states that he is Vice President of the Baltimore Gas and Electric Company, a corporation of the State of Maryland; that he executed the foregoing Amendment for the purpose therein set forth; that the statements made in said Amendment are true and correct to the best of his knowledge, information and belief; and that he was authorized to execute the Amendment on behalf of said corporation.

WITNESS my hand and Notarial Seal

My Commission Expires:


July 1, 1982

State of Maryland

OFFICE OF ENVIRONMENTAL PROGRAMS

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

20 WEST PRINCE STREET • BALTIMORE, MARYLAND 21201 • 410-396-1000

301-269-3821

POOR ORIGINAL

July 14, 1980

Mr. Elizabeth Bauereis
Baltimore Gas and Electric Company
P.O. Box 1475
Baltimore, Md. 21203

Dear Dr. Bauereis:

As per your meeting of July 7, 1980 with Mr. Wojew of my staff, we have considered your request to terminate environmental studies at the Calvert Cliffs Nuclear Power Plant. While it would be impossible to include further studies in your final report, we believe that prior sensitivity of the temperature issue merits continued study until a new Discharge Permit is issued.

Specifically, Baltimore Gas and Electric Company shall continue entrainment studies during those periods (historically July and August) when we would expect temperature rises to exceed 10°F. The studies shall determine the effects of entrainment on primary productivity as measured by the C¹⁴ uptake method. The result of each year's sampling shall be summarized in the same manner as previous studies and submitted to this office by January 30th of the following year.

Sincerely,



Ronald Nelson,
Administrator
Waste Management and Enforcement Programs

RN:ah

cc: Dr. Randy Roig, PPSP.

POOR ORIGINAL

cc: J. A. Biddison, Esquire
G. F. Trowbridge, Esquire
Mr. E. L. Conner, Jr. - NRC
Mr. R. E. Architzel - NRC